



API Reference

Amazon Q in Connect



API Version 2020-10-19

Copyright © 2026 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

Amazon Q in Connect: API Reference

Copyright © 2026 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

Amazon's trademarks and trade dress may not be used in connection with any product or service that is not Amazon's, in any manner that is likely to cause confusion among customers, or in any manner that disparages or discredits Amazon. All other trademarks not owned by Amazon are the property of their respective owners, who may or may not be affiliated with, connected to, or sponsored by Amazon.

Table of Contents

Welcome	1
Actions	2
ActivateMessageTemplate	6
Request Syntax	6
URI Request Parameters	6
Request Body	7
Response Syntax	7
Response Elements	7
Errors	8
See Also	9
CreateAIAgent	10
Request Syntax	10
URI Request Parameters	10
Request Body	10
Response Syntax	12
Response Elements	13
Errors	13
See Also	14
CreateAIAgentVersion	16
Request Syntax	16
URI Request Parameters	16
Request Body	17
Response Syntax	17
Response Elements	18
Errors	18
See Also	19
CreateAIGuardrail	21
Request Syntax	21
URI Request Parameters	22
Request Body	23
Response Syntax	25
Response Elements	27
Errors	27
See Also	29

CreateAIGuardrailVersion	30
Request Syntax	30
URI Request Parameters	30
Request Body	31
Response Syntax	31
Response Elements	33
Errors	33
See Also	35
CreateAIPrompt	36
Request Syntax	36
URI Request Parameters	36
Request Body	37
Response Syntax	40
Response Elements	41
Errors	41
See Also	42
CreateAIPromptVersion	44
Request Syntax	44
URI Request Parameters	44
Request Body	45
Response Syntax	45
Response Elements	46
Errors	46
See Also	48
CreateAssistant	49
Request Syntax	49
URI Request Parameters	49
Request Body	49
Response Syntax	51
Response Elements	52
Errors	52
See Also	53
CreateAssistantAssociation	54
Request Syntax	54
URI Request Parameters	54
Request Body	54

Response Syntax	56
Response Elements	56
Errors	56
See Also	57
CreateContent	59
Request Syntax	59
URI Request Parameters	59
Request Body	60
Response Syntax	62
Response Elements	62
Errors	63
See Also	64
CreateContentAssociation	65
Request Syntax	65
URI Request Parameters	65
Request Body	66
Response Syntax	67
Response Elements	68
Errors	68
See Also	69
CreateKnowledgeBase	71
Request Syntax	71
URI Request Parameters	72
Request Body	72
Response Syntax	75
Response Elements	76
Errors	76
See Also	77
CreateMessageTemplate	79
Request Syntax	79
URI Request Parameters	81
Request Body	81
Response Syntax	84
Response Elements	86
Errors	87
See Also	88

CreateMessageTemplateAttachment	89
Request Syntax	89
URI Request Parameters	89
Request Body	90
Response Syntax	91
Response Elements	91
Errors	92
See Also	93
CreateMessageTemplateVersion	94
Request Syntax	94
URI Request Parameters	94
Request Body	95
Response Syntax	95
Response Elements	98
Errors	99
See Also	100
CreateQuickResponse	101
Request Syntax	101
URI Request Parameters	101
Request Body	102
Response Syntax	104
Response Elements	105
Errors	105
See Also	106
CreateSession	108
Request Syntax	108
URI Request Parameters	108
Request Body	109
Response Syntax	111
Response Elements	112
Errors	112
See Also	113
DeactivateMessageTemplate	115
Request Syntax	115
URI Request Parameters	115
Request Body	116

Response Syntax	116
Response Elements	116
Errors	117
See Also	118
DeleteAIAgent	119
Request Syntax	119
URI Request Parameters	119
Request Body	119
Response Syntax	120
Response Elements	120
Errors	120
See Also	121
DeleteAIAgentVersion	122
Request Syntax	122
URI Request Parameters	122
Request Body	123
Response Syntax	123
Response Elements	123
Errors	123
See Also	124
DeleteAIGuardrail	125
Request Syntax	125
URI Request Parameters	125
Request Body	125
Response Syntax	126
Response Elements	126
Errors	126
See Also	127
DeleteAIGuardrailVersion	128
Request Syntax	128
URI Request Parameters	128
Request Body	129
Response Syntax	129
Response Elements	129
Errors	129
See Also	130

DeleteAIPrompt	131
Request Syntax	131
URI Request Parameters	131
Request Body	131
Response Syntax	132
Response Elements	132
Errors	132
See Also	133
DeleteAIPromptVersion	134
Request Syntax	134
URI Request Parameters	134
Request Body	135
Response Syntax	135
Response Elements	135
Errors	135
See Also	136
DeleteAssistant	137
Request Syntax	137
URI Request Parameters	137
Request Body	137
Response Syntax	137
Response Elements	137
Errors	137
See Also	138
DeleteAssistantAssociation	140
Request Syntax	140
URI Request Parameters	140
Request Body	140
Response Syntax	141
Response Elements	141
Errors	141
See Also	141
DeleteContent	143
Request Syntax	143
URI Request Parameters	143
Request Body	143

Response Syntax	144
Response Elements	144
Errors	144
See Also	145
DeleteContentAssociation	146
Request Syntax	146
URI Request Parameters	146
Request Body	147
Response Syntax	147
Response Elements	147
Errors	147
See Also	148
DeleteImportJob	149
Request Syntax	149
URI Request Parameters	149
Request Body	149
Response Syntax	149
Response Elements	150
Errors	150
See Also	151
DeleteKnowledgeBase	152
Request Syntax	152
URI Request Parameters	152
Request Body	152
Response Syntax	153
Response Elements	153
Errors	153
See Also	154
DeleteMessageTemplate	155
Request Syntax	155
URI Request Parameters	155
Request Body	156
Response Syntax	156
Response Elements	156
Errors	156
See Also	157

DeleteMessageTemplateAttachment	158
Request Syntax	158
URI Request Parameters	158
Request Body	159
Response Syntax	159
Response Elements	159
Errors	159
See Also	160
DeleteQuickResponse	161
Request Syntax	161
URI Request Parameters	161
Request Body	161
Response Syntax	162
Response Elements	162
Errors	162
See Also	162
GetAIAgent	164
Request Syntax	164
URI Request Parameters	164
Request Body	164
Response Syntax	165
Response Elements	165
Errors	166
See Also	166
GetAIGuardrail	168
Request Syntax	168
URI Request Parameters	168
Request Body	168
Response Syntax	169
Response Elements	170
Errors	171
See Also	172
GetAIPrompt	173
Request Syntax	173
URI Request Parameters	173
Request Body	173

Response Syntax	174
Response Elements	174
Errors	175
See Also	176
GetAssistant	177
Request Syntax	177
URI Request Parameters	177
Request Body	177
Response Syntax	177
Response Elements	178
Errors	178
See Also	179
GetAssistantAssociation	181
Request Syntax	181
URI Request Parameters	181
Request Body	181
Response Syntax	182
Response Elements	182
Errors	182
See Also	183
GetContent	184
Request Syntax	184
URI Request Parameters	184
Request Body	184
Response Syntax	185
Response Elements	185
Errors	186
See Also	186
GetContentAssociation	188
Request Syntax	188
URI Request Parameters	188
Request Body	189
Response Syntax	189
Response Elements	189
Errors	190
See Also	190

GetContentSummary	192
Request Syntax	192
URI Request Parameters	192
Request Body	192
Response Syntax	193
Response Elements	193
Errors	193
See Also	194
GetImportJob	196
Request Syntax	196
URI Request Parameters	196
Request Body	196
Response Syntax	196
Response Elements	197
Errors	197
See Also	198
GetKnowledgeBase	199
Request Syntax	199
URI Request Parameters	199
Request Body	199
Response Syntax	199
Response Elements	201
Errors	201
See Also	202
GetMessageTemplate	203
Request Syntax	203
URI Request Parameters	203
Request Body	204
Response Syntax	204
Response Elements	207
Errors	207
See Also	208
GetNextMessage	209
Request Syntax	209
URI Request Parameters	209
Request Body	210

Response Syntax	210
Response Elements	210
Errors	211
See Also	212
GetQuickResponse	214
Request Syntax	214
URI Request Parameters	214
Request Body	214
Response Syntax	215
Response Elements	215
Errors	216
See Also	216
GetRecommendations	218
Request Syntax	218
URI Request Parameters	218
Request Body	220
Response Syntax	220
Response Elements	221
Errors	221
See Also	222
GetSession	223
Request Syntax	223
URI Request Parameters	223
Request Body	223
Response Syntax	224
Response Elements	224
Errors	225
See Also	225
ListAIAgents	227
Request Syntax	227
URI Request Parameters	227
Request Body	228
Response Syntax	228
Response Elements	228
Errors	229
See Also	230

ListAIAgentVersions	231
Request Syntax	231
URI Request Parameters	231
Request Body	232
Response Syntax	232
Response Elements	233
Errors	233
See Also	234
ListAIGuardrails	235
Request Syntax	235
URI Request Parameters	235
Request Body	235
Response Syntax	236
Response Elements	236
Errors	237
See Also	237
ListAIGuardrailVersions	239
Request Syntax	239
URI Request Parameters	239
Request Body	240
Response Syntax	240
Response Elements	240
Errors	241
See Also	242
ListAIPrompts	243
Request Syntax	243
URI Request Parameters	243
Request Body	244
Response Syntax	244
Response Elements	244
Errors	245
See Also	246
ListAIPromptVersions	247
Request Syntax	247
URI Request Parameters	247
Request Body	248

Response Syntax	248
Response Elements	249
Errors	249
See Also	250
ListAssistantAssociations	251
Request Syntax	251
URI Request Parameters	251
Request Body	251
Response Syntax	252
Response Elements	252
Errors	253
See Also	253
ListAssistants	255
Request Syntax	255
URI Request Parameters	255
Request Body	255
Response Syntax	255
Response Elements	256
Errors	257
See Also	257
ListContentAssociations	259
Request Syntax	259
URI Request Parameters	259
Request Body	260
Response Syntax	260
Response Elements	260
Errors	261
See Also	262
ListContents	263
Request Syntax	263
URI Request Parameters	263
Request Body	263
Response Syntax	264
Response Elements	264
Errors	265
See Also	265

ListImportJobs	267
Request Syntax	267
URI Request Parameters	267
Request Body	267
Response Syntax	268
Response Elements	268
Errors	269
See Also	269
ListKnowledgeBases	270
Request Syntax	270
URI Request Parameters	270
Request Body	270
Response Syntax	270
Response Elements	272
Errors	272
See Also	272
ListMessages	274
Request Syntax	274
URI Request Parameters	274
Request Body	275
Response Syntax	275
Response Elements	275
Errors	276
See Also	276
ListMessageTemplates	278
Request Syntax	278
URI Request Parameters	278
Request Body	278
Response Syntax	279
Response Elements	279
Errors	280
See Also	280
ListMessageTemplateVersions	282
Request Syntax	282
URI Request Parameters	282
Request Body	283

Response Syntax	283
Response Elements	283
Errors	284
See Also	284
ListModels	286
Request Syntax	286
URI Request Parameters	286
Request Body	287
Response Syntax	287
Response Elements	288
Errors	288
See Also	289
ListQuickResponses	290
Request Syntax	290
URI Request Parameters	290
Request Body	290
Response Syntax	291
Response Elements	291
Errors	292
See Also	292
ListSpans	294
Request Syntax	294
URI Request Parameters	294
Request Body	295
Response Syntax	295
Response Elements	297
Errors	298
See Also	298
ListTagsForResource	300
Request Syntax	300
URI Request Parameters	300
Request Body	300
Response Syntax	300
Response Elements	300
Errors	301
See Also	301

NotifyRecommendationsReceived	303
Request Syntax	303
URI Request Parameters	303
Request Body	304
Response Syntax	304
Response Elements	304
Errors	305
See Also	305
PutFeedback	307
Request Syntax	307
URI Request Parameters	307
Request Body	307
Response Syntax	308
Response Elements	308
Errors	309
See Also	310
QueryAssistant	311
Request Syntax	311
URI Request Parameters	311
Request Body	312
Response Syntax	314
Response Elements	315
Errors	315
See Also	316
RemoveAssistantAIAgent	317
Request Syntax	317
URI Request Parameters	317
Request Body	318
Response Syntax	318
Response Elements	318
Errors	318
See Also	319
RemoveKnowledgeBaseTemplateUri	320
Request Syntax	320
URI Request Parameters	320
Request Body	320

Response Syntax	320
Response Elements	320
Errors	320
See Also	321
RenderMessageTemplate	322
Request Syntax	322
URI Request Parameters	324
Request Body	324
Response Syntax	325
Response Elements	325
Errors	326
See Also	327
Retrieve	328
Request Syntax	328
URI Request Parameters	328
Request Body	328
Response Syntax	329
Response Elements	329
Errors	330
See Also	331
SearchContent	332
Request Syntax	332
URI Request Parameters	332
Request Body	333
Response Syntax	333
Response Elements	334
Errors	334
See Also	335
SearchMessageTemplates	336
Request Syntax	336
URI Request Parameters	336
Request Body	337
Response Syntax	337
Response Elements	338
Errors	339
See Also	340

SearchQuickResponses	341
Request Syntax	341
URI Request Parameters	342
Request Body	342
Response Syntax	343
Response Elements	344
Errors	344
See Also	345
SearchSessions	346
Request Syntax	346
URI Request Parameters	346
Request Body	347
Response Syntax	347
Response Elements	347
Errors	348
See Also	349
SendMessage	350
Request Syntax	350
URI Request Parameters	350
Request Body	351
Response Syntax	353
Response Elements	354
Errors	354
See Also	355
StartContentUpload	357
Request Syntax	357
URI Request Parameters	357
Request Body	357
Response Syntax	358
Response Elements	358
Errors	359
See Also	360
StartImportJob	361
Request Syntax	361
URI Request Parameters	361
Request Body	362

Response Syntax	363
Response Elements	364
Errors	364
See Also	365
TagResource	366
Request Syntax	366
URI Request Parameters	366
Request Body	366
Response Syntax	367
Response Elements	367
Errors	367
See Also	367
UntagResource	369
Request Syntax	369
URI Request Parameters	369
Request Body	369
Response Syntax	369
Response Elements	370
Errors	370
See Also	370
UpdateAIAgent	371
Request Syntax	371
URI Request Parameters	371
Request Body	372
Response Syntax	373
Response Elements	373
Errors	374
See Also	375
UpdateAIGuardrail	376
Request Syntax	376
URI Request Parameters	377
Request Body	378
Response Syntax	380
Response Elements	382
Errors	382
See Also	383

UpdateAIPrompt	384
Request Syntax	384
URI Request Parameters	384
Request Body	385
Response Syntax	386
Response Elements	387
Errors	387
See Also	388
UpdateAssistantAIAgent	390
Request Syntax	390
URI Request Parameters	390
Request Body	390
Response Syntax	391
Response Elements	392
Errors	392
See Also	393
UpdateContent	394
Request Syntax	394
URI Request Parameters	394
Request Body	395
Response Syntax	396
Response Elements	397
Errors	397
See Also	398
UpdateKnowledgeBaseTemplateUri	399
Request Syntax	399
URI Request Parameters	399
Request Body	399
Response Syntax	400
Response Elements	401
Errors	401
See Also	402
UpdateMessageTemplate	403
Request Syntax	403
URI Request Parameters	405
Request Body	406

Response Syntax	407
Response Elements	409
Errors	410
See Also	410
UpdateMessageTemplateMetadata	412
Request Syntax	412
URI Request Parameters	412
Request Body	413
Response Syntax	414
Response Elements	416
Errors	416
See Also	417
UpdateQuickResponse	419
Request Syntax	419
URI Request Parameters	419
Request Body	420
Response Syntax	422
Response Elements	423
Errors	424
See Also	425
UpdateSession	426
Request Syntax	426
URI Request Parameters	426
Request Body	427
Response Syntax	428
Response Elements	429
Errors	429
See Also	430
UpdateSessionData	431
Request Syntax	431
URI Request Parameters	431
Request Body	432
Response Syntax	432
Response Elements	433
Errors	434
See Also	434

Data Types	436
AgentAttributes	444
Contents	444
See Also	444
AIAgentConfiguration	445
Contents	445
See Also	446
AIAgentConfigurationData	448
Contents	448
See Also	448
AIAgentData	449
Contents	449
See Also	452
AIAgentSummary	453
Contents	453
See Also	456
AIAgentVersionSummary	457
Contents	457
See Also	457
AIGuardrailAssessment	458
Contents	458
See Also	458
AIGuardrailContentPolicyConfig	459
Contents	459
See Also	459
AIGuardrailContextualGroundingPolicyConfig	460
Contents	460
See Also	460
AIGuardrailData	461
Contents	461
See Also	464
AIGuardrailSensitiveInformationPolicyConfig	466
Contents	466
See Also	466
AIGuardrailSummary	467
Contents	467

See Also	469
AlGuardrailTopicPolicyConfig	470
Contents	470
See Also	470
AlGuardrailVersionSummary	471
Contents	471
See Also	471
AlGuardrailWordPolicyConfig	472
Contents	472
See Also	472
AlPromptData	473
Contents	473
See Also	477
AlPromptInferenceConfiguration	478
Contents	478
See Also	479
AlPromptSummary	480
Contents	480
See Also	483
AlPromptTemplateConfiguration	485
Contents	485
See Also	485
AlPromptVersionSummary	486
Contents	486
See Also	486
AmazonConnectGuideAssociationData	487
Contents	487
See Also	487
Annotation	488
Contents	488
See Also	488
AnswerRecommendationAIAgentConfiguration	489
Contents	489
See Also	491
AppIntegrationsConfiguration	492
Contents	492

See Also	493
AssistantAssociationData	494
Contents	494
See Also	495
AssistantAssociationInputData	497
Contents	497
See Also	497
AssistantAssociationOutputData	498
Contents	498
See Also	498
AssistantAssociationSummary	499
Contents	499
See Also	500
AssistantCapabilityConfiguration	502
Contents	502
See Also	502
AssistantData	503
Contents	503
See Also	506
AssistantIntegrationConfiguration	507
Contents	507
See Also	507
AssistantSummary	508
Contents	508
See Also	511
AssociationConfiguration	512
Contents	512
See Also	512
AssociationConfigurationData	514
Contents	514
See Also	514
BedrockFoundationModelConfigurationForParsing	515
Contents	515
See Also	515
CaseSummarizationAIAgentConfiguration	516
Contents	516

See Also	516
CaseSummarizationChunkDataDetails	518
Contents	518
See Also	518
CaseSummarizationInputData	519
Contents	519
See Also	519
ChunkingConfiguration	520
Contents	520
See Also	521
Citation	522
Contents	522
See Also	523
CitationSpan	524
Contents	524
See Also	524
Configuration	525
Contents	525
See Also	525
ConnectConfiguration	526
Contents	526
See Also	526
ContentAssociationContents	527
Contents	527
See Also	527
ContentAssociationData	528
Contents	528
See Also	530
ContentAssociationSummary	531
Contents	531
See Also	533
ContentData	534
Contents	534
See Also	537
ContentDataDetails	538
Contents	538

See Also	538
ContentFeedbackData	539
Contents	539
See Also	539
ContentReference	540
Contents	540
See Also	541
ContentSummary	542
Contents	542
See Also	545
ConversationContext	546
Contents	546
See Also	546
ConversationState	547
Contents	547
See Also	547
CustomerProfileAttributes	548
Contents	548
See Also	560
DataDetails	561
Contents	561
See Also	563
DataReference	564
Contents	564
See Also	564
DataSummary	566
Contents	566
See Also	566
Document	567
Contents	567
See Also	567
DocumentText	568
Contents	568
See Also	568
EmailGenerativeAnswerAIConfiguration	569
Contents	569

See Also	570
EmailGenerativeAnswerChunkDataDetails	571
Contents	571
See Also	571
EmailHeader	573
Contents	573
See Also	573
EmailMessageTemplateContent	574
Contents	574
See Also	574
EmailMessageTemplateContentBody	576
Contents	576
See Also	576
EmailOverviewAIAgentConfiguration	577
Contents	577
See Also	577
EmailOverviewChunkDataDetails	578
Contents	578
See Also	578
EmailResponseAIAgentConfiguration	579
Contents	579
See Also	580
EmailResponseChunkDataDetails	581
Contents	581
See Also	581
ExtendedMessageTemplateData	582
Contents	582
See Also	587
ExternalBedrockKnowledgeBaseConfig	588
Contents	588
See Also	588
ExternalSourceConfiguration	590
Contents	590
See Also	590
Filter	591
Contents	591

See Also	591
FilterAttribute	593
Contents	593
See Also	593
FixedSizeChunkingConfiguration	594
Contents	594
See Also	594
GenerativeChunkDataDetails	595
Contents	595
See Also	595
GenerativeContentFeedbackData	597
Contents	597
See Also	597
GenerativeDataDetails	598
Contents	598
See Also	598
GenerativeReference	599
Contents	599
See Also	599
GroupingConfiguration	600
Contents	600
See Also	600
GuardrailContentFilterConfig	602
Contents	602
See Also	603
GuardrailContextualGroundingFilterConfig	604
Contents	604
See Also	604
GuardrailManagedWordsConfig	605
Contents	605
See Also	605
GuardrailPiiEntityConfig	606
Contents	606
See Also	611
GuardrailPolicyResult	612
Contents	612

See Also	612
GuardrailRegexConfig	614
Contents	614
See Also	615
GuardrailTopicConfig	616
Contents	616
See Also	617
GuardrailWordConfig	618
Contents	618
See Also	618
HierarchicalChunkingConfiguration	619
Contents	619
See Also	619
HierarchicalChunkingLevelConfiguration	620
Contents	620
See Also	620
Highlight	621
Contents	621
See Also	621
ImportJobData	622
Contents	622
See Also	624
ImportJobSummary	626
Contents	626
See Also	628
IntentDetectedDataDetails	629
Contents	629
See Also	629
IntentInputData	631
Contents	631
See Also	631
KnowledgeBaseAssociationConfigurationData	632
Contents	632
See Also	632
KnowledgeBaseAssociationData	634
Contents	634

See Also	634
KnowledgeBaseData	635
Contents	635
See Also	638
KnowledgeBaseSummary	639
Contents	639
See Also	641
KnowledgeSource	643
Contents	643
See Also	643
ManagedSourceConfiguration	644
Contents	644
See Also	644
ManualSearchAIAgentConfiguration	645
Contents	645
See Also	646
MessageConfiguration	647
Contents	647
See Also	647
MessageData	648
Contents	648
See Also	648
MessageInput	649
Contents	649
See Also	649
MessageOutput	650
Contents	650
See Also	651
MessageTemplateAttachment	652
Contents	652
See Also	653
MessageTemplateAttributes	654
Contents	654
See Also	654
MessageTemplateBodyContentProvider	656
Contents	656

See Also	656
MessageTemplateContentProvider	657
Contents	657
See Also	658
MessageTemplateData	659
Contents	659
See Also	663
MessageTemplateFilterField	664
Contents	664
See Also	665
MessageTemplateOrderField	666
Contents	666
See Also	667
MessageTemplateQueryField	668
Contents	668
See Also	669
MessageTemplateSearchExpression	670
Contents	670
See Also	670
MessageTemplateSearchResultData	672
Contents	672
See Also	676
MessageTemplateSourceConfiguration	677
Contents	677
See Also	677
MessageTemplateSourceConfigurationSummary	678
Contents	678
See Also	678
MessageTemplateSummary	679
Contents	679
See Also	682
MessageTemplateVersionSummary	683
Contents	683
See Also	685
ModelSummary	686
Contents	686

See Also	687
NotesChunkDataDetails	689
Contents	689
See Also	689
NotesDataDetails	690
Contents	690
See Also	690
NoteTakingAIAgentConfiguration	691
Contents	691
See Also	691
NotifyRecommendationsReceivedError	693
Contents	693
See Also	693
OrchestrationAIAgentConfiguration	694
Contents	694
See Also	695
OrchestratorConfigurationEntry	696
Contents	696
See Also	696
OrCondition	697
Contents	697
See Also	697
ParsingConfiguration	698
Contents	698
See Also	698
ParsingPrompt	699
Contents	699
See Also	699
PushADMMMessageTemplateContent	700
Contents	700
See Also	702
PushAPNSMessageTemplateContent	703
Contents	703
See Also	705
PushBaiduMessageTemplateContent	706
Contents	706

See Also	708
PushFCMMessageTemplateContent	709
Contents	709
See Also	711
PushMessageTemplateContent	712
Contents	712
See Also	712
QueryCondition	714
Contents	714
See Also	714
QueryConditionItem	715
Contents	715
See Also	715
QueryInputData	717
Contents	717
See Also	717
QueryRecommendationTriggerData	719
Contents	719
See Also	719
QueryTextInputData	720
Contents	720
See Also	720
QuickResponseContentProvider	721
Contents	721
See Also	721
QuickResponseContents	722
Contents	722
See Also	722
QuickResponseData	723
Contents	723
See Also	727
QuickResponseDataProvider	728
Contents	728
See Also	728
QuickResponseFilterField	729
Contents	729

See Also	730
QuickResponseOrderField	731
Contents	731
See Also	732
QuickResponseQueryField	733
Contents	733
See Also	734
QuickResponseSearchExpression	735
Contents	735
See Also	735
QuickResponseSearchResultData	737
Contents	737
See Also	741
QuickResponseSummary	742
Contents	742
See Also	745
RankingData	746
Contents	746
See Also	746
RecommendationData	747
Contents	747
See Also	748
RecommendationTrigger	749
Contents	749
See Also	750
RecommendationTriggerData	751
Contents	751
See Also	751
RenderingConfiguration	752
Contents	752
See Also	752
ResultData	753
Contents	753
See Also	754
RetrievalConfiguration	755
Contents	755

See Also	756
RetrievalFilterConfiguration	757
Contents	757
See Also	759
RetrieveResult	760
Contents	760
See Also	761
RuntimeSessionData	762
Contents	762
See Also	762
RuntimeSessionDataValue	763
Contents	763
See Also	763
SearchExpression	764
Contents	764
See Also	764
SeedUrl	765
Contents	765
See Also	765
SelfServiceAIAgentConfiguration	766
Contents	766
See Also	767
SelfServiceConversationHistory	768
Contents	768
See Also	768
SemanticChunkingConfiguration	770
Contents	770
See Also	770
ServerSideEncryptionConfiguration	772
Contents	772
See Also	772
SessionData	773
Contents	773
See Also	775
SessionIntegrationConfiguration	776
Contents	776

See Also	776
SessionSummary	777
Contents	777
See Also	778
SMSMessageTemplateContent	779
Contents	779
See Also	779
SMSMessageTemplateContentBody	780
Contents	780
See Also	780
SourceConfiguration	781
Contents	781
See Also	781
SourceContentDataDetails	782
Contents	782
See Also	783
Span	784
Contents	784
See Also	786
SpanAttributes	788
Contents	788
See Also	795
SpanCitation	797
Contents	797
See Also	798
SpanGuardrailAssessment	799
Contents	799
See Also	800
SpanMessage	801
Contents	801
See Also	802
SpanMessageValue	803
Contents	803
See Also	804
SpanReasoningValue	805
Contents	805

See Also	805
SpanTextValue	806
Contents	806
See Also	806
SpanToolResultValue	807
Contents	807
See Also	807
SpanToolUseValue	809
Contents	809
See Also	809
SuggestedMessageDataDetails	811
Contents	811
See Also	811
SuggestedMessageReference	812
Contents	812
See Also	812
SystemAttributes	813
Contents	813
See Also	813
SystemEndpointAttributes	814
Contents	814
See Also	814
TagCondition	815
Contents	815
See Also	815
TagFilter	816
Contents	816
See Also	816
TextData	818
Contents	818
See Also	818
TextFullAIPromptEditTemplateConfiguration	819
Contents	819
See Also	819
TextMessage	820
Contents	820

See Also	820
ToolConfiguration	821
Contents	821
See Also	823
ToolInstruction	824
Contents	824
See Also	824
ToolOutputConfiguration	825
Contents	825
See Also	825
ToolOutputFilter	826
Contents	826
See Also	826
ToolOverrideConstantInputValue	827
Contents	827
See Also	827
ToolOverrideInputValue	828
Contents	828
See Also	828
ToolOverrideInputValueConfiguration	829
Contents	829
See Also	829
ToolUseResultData	830
Contents	830
See Also	830
UrlConfiguration	832
Contents	832
See Also	832
UserInteractionConfiguration	833
Contents	833
See Also	833
VectorIngestionConfiguration	834
Contents	834
See Also	834
WebCrawlerConfiguration	835
Contents	835

See Also	836
WebCrawlerLimits	837
Contents	837
See Also	837
WhatsAppMessageTemplateContent	838
Contents	838
See Also	838
WhatsAppMessageTemplateSourceConfiguration	839
Contents	839
See Also	839
WhatsAppMessageTemplateSourceConfigurationSummary	841
Contents	841
See Also	842
Common Parameters	843
Common Error Types	846

Welcome

- [Amazon Q actions](#)
- [Amazon Q data types](#)

Note

Powered by Amazon Bedrock: AWS implements [automated abuse detection](#). Because Amazon Q in Connect is built on Amazon Bedrock, users can take full advantage of the controls implemented in Amazon Bedrock to enforce safety, security, and the responsible use of artificial intelligence (AI).

Amazon Q in Connect is a generative AI customer service assistant. It is an LLM-enhanced evolution of Connect Customer Wisdom that delivers real-time recommendations to help contact center agents resolve customer issues quickly and accurately.

Amazon Q in Connect automatically detects customer intent during calls and chats using conversational analytics and natural language understanding (NLU). It then provides agents with immediate, real-time generative responses and suggested actions, and links to relevant documents and articles. Agents can also query Amazon Q in Connect directly using natural language or keywords to answer customer requests.

Use the Amazon Q in Connect APIs to create an assistant and a knowledge base, for example, or manage content by uploading custom files.

For more information, see [Use Amazon Q in Connect for generative AI powered agent assistance in real-time](#) in the *Connect Customer Administrator Guide*.

This document was last published on May 29, 2026.

Actions

The following actions are supported:

- [ActivateMessageTemplate](#)
- [CreateAIAgent](#)
- [CreateAIAgentVersion](#)
- [CreateAIGuardrail](#)
- [CreateAIGuardrailVersion](#)
- [CreateAIPrompt](#)
- [CreateAIPromptVersion](#)
- [CreateAssistant](#)
- [CreateAssistantAssociation](#)
- [CreateContent](#)
- [CreateContentAssociation](#)
- [CreateKnowledgeBase](#)
- [CreateMessageTemplate](#)
- [CreateMessageTemplateAttachment](#)
- [CreateMessageTemplateVersion](#)
- [CreateQuickResponse](#)
- [CreateSession](#)
- [DeactivateMessageTemplate](#)
- [DeleteAIAgent](#)
- [DeleteAIAgentVersion](#)
- [DeleteAIGuardrail](#)
- [DeleteAIGuardrailVersion](#)
- [DeleteAIPrompt](#)
- [DeleteAIPromptVersion](#)
- [DeleteAssistant](#)
- [DeleteAssistantAssociation](#)
- [DeleteContent](#)

- [DeleteContentAssociation](#)
- [DeleteImportJob](#)
- [DeleteKnowledgeBase](#)
- [DeleteMessageTemplate](#)
- [DeleteMessageTemplateAttachment](#)
- [DeleteQuickResponse](#)
- [GetAIAgent](#)
- [GetAIGuardrail](#)
- [GetAIPrompt](#)
- [GetAssistant](#)
- [GetAssistantAssociation](#)
- [GetContent](#)
- [GetContentAssociation](#)
- [GetContentSummary](#)
- [GetImportJob](#)
- [GetKnowledgeBase](#)
- [GetMessageTemplate](#)
- [GetNextMessage](#)
- [GetQuickResponse](#)
- [GetRecommendations](#)
- [GetSession](#)
- [ListAIAgents](#)
- [ListAIAgentVersions](#)
- [ListAIGuardrails](#)
- [ListAIGuardrailVersions](#)
- [ListAIPrompts](#)
- [ListAIPromptVersions](#)
- [ListAssistantAssociations](#)
- [ListAssistants](#)
- [ListContentAssociations](#)

- [ListContents](#)
- [ListImportJobs](#)
- [ListKnowledgeBases](#)
- [ListMessages](#)
- [ListMessageTemplates](#)
- [ListMessageTemplateVersions](#)
- [ListModels](#)
- [ListQuickResponses](#)
- [ListSpans](#)
- [ListTagsForResource](#)
- [NotifyRecommendationsReceived](#)
- [PutFeedback](#)
- [QueryAssistant](#)
- [RemoveAssistantAIAgent](#)
- [RemoveKnowledgeBaseTemplateUri](#)
- [RenderMessageTemplate](#)
- [Retrieve](#)
- [SearchContent](#)
- [SearchMessageTemplates](#)
- [SearchQuickResponses](#)
- [SearchSessions](#)
- [SendMessage](#)
- [StartContentUpload](#)
- [StartImportJob](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateAIAgent](#)
- [UpdateAIGuardrail](#)
- [UpdateAIPrompt](#)
- [UpdateAssistantAIAgent](#)

- [UpdateContent](#)
- [UpdateKnowledgeBaseTemplateUri](#)
- [UpdateMessageTemplate](#)
- [UpdateMessageTemplateMetadata](#)
- [UpdateQuickResponse](#)
- [UpdateSession](#)
- [UpdateSessionData](#)

ActivateMessageTemplate

Activates a specific version of the Amazon Q in Connect message template. After the version is activated, the previous active version will be deactivated automatically. You can use the `$ACTIVE_VERSION` qualifier later to reference the version that is in active status.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId/activate
HTTP/1.1
Content-type: application/json

{
  "versionNumber": number
}
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN. It cannot contain any qualifier.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_-$]{0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

```
{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})){0,2}(:[A-Z0-9_$]+){0,1}
```

Required: Yes

Request Body

The request accepts the following data in JSON format.

versionNumber

The version number of the message template version to activate.

Type: Long

Valid Range: Minimum value of 1.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "messageTemplateArn": "string",
  "messageTemplateId": "string",
  "versionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

messageTemplateArn

The Amazon Resource Name (ARN) of the message template.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

messageTemplateId

The identifier of the message template.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

versionNumber

The version number of the message template version that is activated.

Type: Long

Valid Range: Minimum value of 1.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateAIAgent

Creates an Amazon Q in Connect AI Agent.

Request Syntax

```
POST /assistants/assistantId/aiagents HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "configuration": { ... },
  "description": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  },
  "type": "string",
  "visibilityStatus": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs..](#)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

configuration

The configuration of the AI Agent.

Type: [AIAgentConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

description

The description of the AI Agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

name

The name of the AI Agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: Yes

[tags](#)

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-. _:/]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

[type](#)

The type of the AI Agent.

Type: String

Valid Values: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE
| EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER |
ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: Yes

[visibilityStatus](#)

The visibility status of the AI Agent.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiAgent": {
    "aiAgentArn": "string",
    "aiAgentId": "string",
```

```
"assistantArn": "string",
"assistantId": "string",
"configuration": { ... },
"description": "string",
"modifiedTime": number,
"name": "string",
"origin": "string",
"status": "string",
"tags": {
  "string" : "string"
},
"type": "string",
"visibilityStatus": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[aiAgent](#)

The data of the created AI Agent.

Type: [AIAgentData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateAIAgentVersion

Creates and Amazon Q in Connect AI Agent version.

Request Syntax

```
POST /assistants/assistantId/aiagents/aiAgentId/versions HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "modifiedTime": number
}
```

URI Request Parameters

The request uses the following URI parameters.

aiAgentId

The identifier of the Amazon Q in Connect AI Agent.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_\$]+){0,1}\$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_\$]+){0,1}

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs..](#)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

modifiedTime

The modification time of the AI Agent should be tracked for version creation. This field should be specified to avoid version creation when simultaneous update to the underlying AI Agent are possible. The value should be the modifiedTime returned from the request to create or update an AI Agent so that version creation can fail if an update to the AI Agent post the specified modification time has been made.

Type: Timestamp

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "aiAgent": {
    "aiAgentArn": "string",
    "aiAgentId": "string",
    "assistantArn": "string",
    "assistantId": "string",
    "configuration": { ... },
    "description": "string",
```

```
    "modifiedTime": number,
    "name": "string",
    "origin": "string",
    "status": "string",
    "tags": {
        "string" : "string"
    },
    "type": "string",
    "visibilityStatus": "string"
},
"versionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

aiAgent

The data of the AI Agent version.

Type: [AIAgentData](#) object

versionNumber

The version number of the AI Agent version.

Type: Long

Valid Range: Minimum value of 1.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateAIGuardrail

Creates an Amazon Q in Connect AI Guardrail.

Request Syntax

POST /assistants/*assistantId*/aiguadrails HTTP/1.1

Content-type: application/json

```
{
  "blockedInputMessaging": "string",
  "blockedOutputsMessaging": "string",
  "clientToken": "string",
  "contentPolicyConfig": {
    "filtersConfig": [
      {
        "inputStrength": "string",
        "outputStrength": "string",
        "type": "string"
      }
    ]
  },
  "contextualGroundingPolicyConfig": {
    "filtersConfig": [
      {
        "threshold": number,
        "type": "string"
      }
    ]
  },
  "description": "string",
  "name": "string",
  "sensitiveInformationPolicyConfig": {
    "piiEntitiesConfig": [
      {
        "action": "string",
        "type": "string"
      }
    ],
    "regexesConfig": [
      {
        "action": "string",
        "description": "string",
```

```
        "name": "string",
        "pattern": "string"
      }
    ],
  },
  "tags": {
    "string" : "string"
  },
  "topicPolicyConfig": {
    "topicsConfig": [
      {
        "definition": "string",
        "examples": [ "string" ],
        "name": "string",
        "type": "string"
      }
    ]
  },
  "visibilityStatus": "string",
  "wordPolicyConfig": {
    "managedWordListsConfig": [
      {
        "type": "string"
      }
    ],
    "wordsConfig": [
      {
        "text": "string"
      }
    ]
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

blockedInputMessaging

The message to return when the AI Guardrail blocks a prompt.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 500.

Required: Yes

blockedOutputsMessaging

The message to return when the AI Guardrail blocks a model response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 500.

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs..](#)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

contentPolicyConfig

The content filter policies to configure for the AI Guardrail.

Type: [AIGuardrailContentPolicyConfig](#) object

Required: No

contextualGroundingPolicyConfig

The contextual grounding policy configuration used to create an AI Guardrail.

Type: [AIGuardrailContextualGroundingPolicyConfig](#) object

Required: No

description

A description of the AI Guardrail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Required: No

name

The name of the AI Guardrail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

sensitiveInformationPolicyConfig

The sensitive information policy to configure for the AI Guardrail.

Type: [AIGuardrailSensitiveInformationPolicyConfig](#) object

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+ -=._:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

[topicPolicyConfig](#)

The topic policies to configure for the AI Guardrail.

Type: [AIGuardrailTopicPolicyConfig](#) object

Required: No

[visibilityStatus](#)

The visibility status of the AI Guardrail.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

[wordPolicyConfig](#)

The word policy you configure for the AI Guardrail.

Type: [AIGuardrailWordPolicyConfig](#) object

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiGuardrail": {
    "aiGuardrailArn": "string",
    "aiGuardrailId": "string",
    "assistantArn": "string",
```

```
"assistantId": "string",
"blockedInputMessaging": "string",
"blockedOutputsMessaging": "string",
"contentPolicyConfig": {
  "filtersConfig": [
    {
      "inputStrength": "string",
      "outputStrength": "string",
      "type": "string"
    }
  ]
},
"contextualGroundingPolicyConfig": {
  "filtersConfig": [
    {
      "threshold": number,
      "type": "string"
    }
  ]
},
"description": "string",
"modifiedTime": number,
"name": "string",
"sensitiveInformationPolicyConfig": {
  "piiEntitiesConfig": [
    {
      "action": "string",
      "type": "string"
    }
  ],
  "regexesConfig": [
    {
      "action": "string",
      "description": "string",
      "name": "string",
      "pattern": "string"
    }
  ]
},
"status": "string",
"tags": {
  "string" : "string"
},
"topicPolicyConfig": {
```

```
    "topicsConfig": [
      {
        "definition": "string",
        "examples": [ "string" ],
        "name": "string",
        "type": "string"
      }
    ],
    "visibilityStatus": "string",
    "wordPolicyConfig": {
      "managedWordListsConfig": [
        {
          "type": "string"
        }
      ],
      "wordsConfig": [
        {
          "text": "string"
        }
      ]
    }
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

aiGuardrail

The data of the AI Guardrail.

Type: [AIGuardrailData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateAIGuardrailVersion

Creates an Amazon Q in Connect AI Guardrail version.

Request Syntax

```
POST /assistants/assistantId/aiguadrails/aiGuardrailId/versions HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "modifiedTime": number
}
```

URI Request Parameters

The request uses the following URI parameters.

aiGuardrailId

The identifier of the Amazon Q in Connect AI Guardrail.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs..](#)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

modifiedTime

The time the AI Guardrail was last modified.

Type: Timestamp

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiGuardrail": {
    "aiGuardrailArn": "string",
    "aiGuardrailId": "string",
    "assistantArn": "string",
    "assistantId": "string",
    "blockedInputMessaging": "string",
    "blockedOutputsMessaging": "string",
    "contentPolicyConfig": {
      "filtersConfig": [
        {
          "inputStrength": "string",
          "outputStrength": "string",
          "type": "string"
        }
      ]
    }
  }
}
```

```

    }
  ]
},
"contextualGroundingPolicyConfig": {
  "filtersConfig": [
    {
      "threshold": number,
      "type": "string"
    }
  ]
},
"description": "string",
"modifiedTime": number,
"name": "string",
"sensitiveInformationPolicyConfig": {
  "piiEntitiesConfig": [
    {
      "action": "string",
      "type": "string"
    }
  ],
  "regexesConfig": [
    {
      "action": "string",
      "description": "string",
      "name": "string",
      "pattern": "string"
    }
  ]
},
"status": "string",
"tags": {
  "string" : "string"
},
"topicPolicyConfig": {
  "topicsConfig": [
    {
      "definition": "string",
      "examples": [ "string "],
      "name": "string",
      "type": "string"
    }
  ]
},

```

```
  "visibilityStatus": "string",
  "wordPolicyConfig": {
    "managedWordListsConfig": [
      {
        "type": "string"
      }
    ],
    "wordsConfig": [
      {
        "text": "string"
      }
    ]
  },
  "versionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[aiGuardrail](#)

The data of the AI Guardrail version.

Type: [AIGuardrailData](#) object

[versionNumber](#)

The version number of the AI Guardrail version.

Type: Long

Valid Range: Minimum value of 1.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateAIPrompt

Creates an Amazon Q in Connect AI Prompt.

Request Syntax

POST /assistants/*assistantId*/aiprompts HTTP/1.1

Content-type: application/json

```
{
  "apiFormat": "string",
  "clientToken": "string",
  "description": "string",
  "inferenceConfiguration": {
    "maxTokensToSample": number,
    "temperature": number,
    "topK": number,
    "topP": number
  },
  "modelId": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  },
  "templateConfiguration": { ... },
  "templateType": "string",
  "type": "string",
  "visibilityStatus": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`

`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]`

```
{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}))?{0,2}
```

Required: Yes

Request Body

The request accepts the following data in JSON format.

apiFormat

The API Format of the AI Prompt.

Recommended values: MESSAGES | TEXT_COMPLETIONS

Note

The values ANTHROPIC_CLAUDE_MESSAGES | ANTHROPIC_CLAUDE_TEXT_COMPLETIONS will be deprecated.

Type: String

Valid Values: ANTHROPIC_CLAUDE_MESSAGES | ANTHROPIC_CLAUDE_TEXT_COMPLETIONS
| MESSAGES | TEXT_COMPLETIONS

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs..](#)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

description

The description of the AI Prompt.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: No

inferenceConfiguration

The inference configuration for the AI Prompt being created.

Type: [AIPromptInferenceConfiguration](#) object

Required: No

modelId

The identifier of the model used for this AI Prompt.

Note

For information about which models are supported in each AWS Region, see [Supported models for system/custom prompts](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: Yes

name

The name of the AI Prompt.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-. _:/]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

templateConfiguration

The configuration of the prompt template for this AI Prompt.

Type: [AIPromptTemplateConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

templateType

The type of the prompt template for this AI Prompt.

Type: String

Valid Values: TEXT

Required: Yes

type

The type of this AI Prompt.

Type: String

Valid Values: ANSWER_GENERATION | INTENT_LABELING_GENERATION
| QUERY_REFORMULATION | SELF_SERVICE_PRE_PROCESSING |
SELF_SERVICE_ANSWER_GENERATION | EMAIL_RESPONSE | EMAIL_OVERVIEW |
EMAIL_GENERATIVE_ANSWER | EMAIL_QUERY_REFORMULATION | ORCHESTRATION |
NOTE_TAKING | CASE_SUMMARIZATION

Required: Yes

visibilityStatus

The visibility status of the AI Prompt.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "aiPrompt": {
    "aiPromptArn": "string",
    "aiPromptId": "string",
    "apiFormat": "string",
    "assistantArn": "string",
    "assistantId": "string",
    "description": "string",
    "inferenceConfiguration": {
      "maxTokensToSample": number,
      "temperature": number,
      "topK": number,
      "topP": number
    },
    "modelId": "string",
    "modifiedTime": number,
    "name": "string",
    "origin": "string",
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "templateConfiguration": { ... },
    "templateType": "string",
    "type": "string",
    "visibilityStatus": "string"
  }
}
```

```
}  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[aiPrompt](#)

The data of the AI Prompt.

Type: [AIPromptData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateAIPromptVersion

Creates an Amazon Q in Connect AI Prompt version.

Request Syntax

```
POST /assistants/assistantId/aiprompts/aiPromptId/versions HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "modifiedTime": number
}
```

URI Request Parameters

The request uses the following URI parameters.

aiPromptId

The identifier of the Amazon Q in Connect AI prompt.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_\$]+){0,1}\$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_\$]+){0,1}

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs..](#)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

modifiedTime

The time the AI Prompt was last modified.

Type: Timestamp

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiPrompt": {
    "aiPromptArn": "string",
    "aiPromptId": "string",
    "apiFormat": "string",
    "assistantArn": "string",
    "assistantId": "string",
    "description": "string",
    "inferenceConfiguration": {
      "maxTokensToSample": number,
      "temperature": number,
      "topK": number,
      "topP": number
    }
  },
```

```
"modelId": "string",
"modifiedTime": number,
"name": "string",
"origin": "string",
"status": "string",
"tags": {
  "string" : "string"
},
"templateConfiguration": { ... },
"templateType": "string",
"type": "string",
"visibilityStatus": "string"
},
"versionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[aiPrompt](#)

The data of the AI Prompt version.

Type: [AIPromptData](#) object

[versionNumber](#)

The version number of the AI Prompt version.

Type: Long

Valid Range: Minimum value of 1.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateAssistant

Creates an Amazon Q in Connect assistant.

Request Syntax

```
POST /assistants HTTP/1.1
Content-type: application/json

{
  "clientToken": "string",
  "description": "string",
  "name": "string",
  "serverSideEncryptionConfiguration": {
    "kmsKeyId": "string"
  },
  "tags": {
    "string" : "string"
  },
  "type": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

description

The description of the assistant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

name

The name of the assistant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: Yes

serverSideEncryptionConfiguration

The configuration information for the customer managed key used for encryption.

The customer managed key must have a policy that allows `kms:CreateGrant`, `kms:DescribeKey`, `kms:Decrypt`, and `kms:GenerateDataKey*` permissions to the IAM identity using the key to invoke Amazon Q in Connect. To use Amazon Q in Connect with chat, the key policy must also allow `kms:Decrypt`, `kms:GenerateDataKey*`, and `kms:DescribeKey` permissions to the `connect.amazonaws.com` service principal.

For more information about setting up a customer managed key for Amazon Q in Connect, see [Enable Amazon Q in Connect for your instance](#).

Type: [ServerSideEncryptionConfiguration](#) object

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+-. _:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

type

The type of assistant.

Type: String

Valid Values: AGENT

Required: Yes

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "assistant": {
    "aiAgentConfiguration": {
      "string" : {
        "aiAgentId": "string"
      }
    },
    "assistantArn": "string",
    "assistantId": "string",
    "capabilityConfiguration": {
      "type": "string"
    },
    "description": "string",
    "integrationConfiguration": {
      "topicIntegrationArn": "string"
    },
    "name": "string",
    "orchestratorConfigurationList": [
```



```
{
  {
    "aiAgentId": "string",
    "orchestratorUseCase": "string"
  }
],
"serverSideEncryptionConfiguration": {
  "kmsKeyId": "string"
},
"status": "string",
"tags": {
  "string" : "string"
},
"type": "string"
}
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[assistant](#)

Information about the assistant.

Type: [AssistantData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateAssistantAssociation

Creates an association between an Amazon Q in Connect assistant and another resource. Currently, the only supported association is with a knowledge base. An assistant can have only a single association.

Request Syntax

```
POST /assistants/assistantId/associations HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "association": { ... },
  "associationType": "string",
  "clientToken": "string",
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

association

The identifier of the associated resource.

Type: [AssistantAssociationInputData](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

associationType

The type of association.

Type: String

Valid Values: KNOWLEDGE_BASE | EXTERNAL_BEDROCK_KNOWLEDGE_BASE

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "assistantAssociation": {
    "assistantArn": "string",
    "assistantAssociationArn": "string",
    "assistantAssociationId": "string",
    "assistantId": "string",
    "associationData": { ... },
    "associationType": "string",
    "tags": {
      "string" : "string"
    }
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

assistantAssociation

The assistant association.

Type: [AssistantAssociationData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateContent

Creates Amazon Q in Connect content. Before to calling this API, use [StartContentUpload](#) to upload an asset.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/contents HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "clientToken": "string",
  "metadata": {
    "string" : "string"
  },
  "name": "string",
  "overrideLinkOutUri": "string",
  "tags": {
    "string" : "string"
  },
  "title": "string",
  "uploadId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

[knowledgeBaseId](#)

The identifier of the knowledge base. This should not be a QUICK_RESPONSES type knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

metadata

A key/value map to store attributes without affecting tagging or recommendations. For example, when synchronizing data between an external system and Amazon Q in Connect, you can store an external version identifier as metadata to utilize for determining drift.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

Key Length Constraints: Minimum length of 1. Maximum length of 4096.

Value Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

name

The name of the content. Each piece of content in a knowledge base must have a unique name. You can retrieve a piece of content using only its knowledge base and its name with the [SearchContent](#) API.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_. , -]+.*`

Required: Yes

[overrideLinkOutUri](#)

The URI you want to use for the article. If the knowledge base has a `templateUri`, setting this argument overrides it for this piece of content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

[tags](#)

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-. _:/]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

[title](#)

The title of the content. If not set, the title is equal to the name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

[uploadId](#)

A pointer to the uploaded asset. This value is returned by [StartContentUpload](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1200.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "content": {
    "contentArn": "string",
    "contentId": "string",
    "contentType": "string",
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "linkOutUri": "string",
    "metadata": {
      "string" : "string"
    },
    "name": "string",
    "revisionId": "string",
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "title": "string",
    "url": "string",
    "urlExpiry": number
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

content

The content.

Type: [ContentData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a `Create` API (such as `CreateAssistant`) that accepts `name`, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateContentAssociation

Creates an association between a content resource in a knowledge base and [step-by-step guides](#). Step-by-step guides offer instructions to agents for resolving common customer issues. You create a content association to integrate Amazon Q in Connect and step-by-step guides.

After you integrate Amazon Q and step-by-step guides, when Amazon Q provides a recommendation to an agent based on the intent that it's detected, it also provides them with the option to start the step-by-step guide that you have associated with the content.

Note the following limitations:

- You can create only one content association for each content resource in a knowledge base.
- You can associate a step-by-step guide with multiple content resources.

For more information, see [Integrate Amazon Q in Connect with step-by-step guides](#) in the *Connect Customer Administrator Guide*.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/contents/contentId/associations HTTP/1.1
Content-type: application/json
```

```
{
  "association": { ... },
  "associationType": "string",
  "clientToken": "string",
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

contentId

The identifier of the content.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

[knowledgeBaseId](#)

The identifier of the knowledge base.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

[association](#)

The identifier of the associated resource.

Type: [ContentAssociationContents](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

[associationType](#)

The type of association.

Type: String

Valid Values: AMAZON_CONNECT_GUIDE

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "contentAssociation": {
    "associationData": { ... },
    "associationType": "string",
    "contentArn": "string",
    "contentAssociationArn": "string",
    "contentAssociationId": "string",
    "contentId": "string",
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "tags": {
      "string" : "string"
    }
  }
}
```



```
}  
  }  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

contentAssociation

The association between Amazon Q in Connect content and another resource.

Type: [ContentAssociationData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateKnowledgeBase

Creates a knowledge base.

Note

When using this API, you cannot reuse [Amazon AppIntegrations](#) DataIntegrations with external knowledge bases such as Salesforce and ServiceNow. If you do, you'll get an `InvalidRequestException` error.

For example, you're programmatically managing your external knowledge base, and you want to add or remove one of the fields that is being ingested from Salesforce. Do the following:

1. Call [DeleteKnowledgeBase](#).
2. Call [DeleteDataIntegration](#).
3. Call [CreateDataIntegration](#) to recreate the DataIntegration or a create different one.
4. Call `CreateKnowledgeBase`.

Request Syntax

```
POST /knowledgeBases HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "description": "string",
  "knowledgeBaseType": "string",
  "name": "string",
  "renderingConfiguration": {
    "templateUri": "string"
  },
  "serverSideEncryptionConfiguration": {
    "kmsKeyId": "string"
  },
  "sourceConfiguration": { ... },
  "tags": {
    "string" : "string"
  },
}
```

```
"vectorIngestionConfiguration": {
  "chunkingConfiguration": {
    "chunkingStrategy": "string",
    "fixedSizeChunkingConfiguration": {
      "maxTokens": number,
      "overlapPercentage": number
    },
    "hierarchicalChunkingConfiguration": {
      "levelConfigurations": [
        {
          "maxTokens": number
        }
      ],
      "overlapTokens": number
    },
    "semanticChunkingConfiguration": {
      "breakpointPercentileThreshold": number,
      "bufferSize": number,
      "maxTokens": number
    }
  },
  "parsingConfiguration": {
    "bedrockFoundationModelConfiguration": {
      "modelArn": "string",
      "parsingPrompt": {
        "parsingPromptText": "string"
      }
    },
    "parsingStrategy": "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

description

The description.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: No

knowledgeBaseType

The type of knowledge base. Only CUSTOM knowledge bases allow you to upload your own content. EXTERNAL knowledge bases support integrations with third-party systems whose content is synchronized automatically.

Type: String

Valid Values: EXTERNAL | CUSTOM | QUICK_RESPONSES | MESSAGE_TEMPLATES | MANAGED

Required: Yes

name

The name of the knowledge base.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

renderingConfiguration

Information about how to render the content.

Type: [RenderingConfiguration](#) object

Required: No

serverSideEncryptionConfiguration

The configuration information for the customer managed key used for encryption.

This KMS key must have a policy that allows `kms:CreateGrant`, `kms:DescribeKey`, `kms:Decrypt`, and `kms:GenerateDataKey*` permissions to the IAM identity using the key to invoke Amazon Q in Connect.

For more information about setting up a customer managed key for Amazon Q in Connect, see [Enable Amazon Q in Connect for your instance](#).

Type: [ServerSideEncryptionConfiguration](#) object

Required: No

sourceConfiguration

The source of the knowledge base content. Only set this argument for EXTERNAL or Managed knowledge bases.

Type: [SourceConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: / ]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

vectorIngestionConfiguration

Contains details about how to ingest the documents in a data source.

Type: [VectorIngestionConfiguration](#) object

Required: No

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "knowledgeBase": {
    "description": "string",
    "ingestionFailureReasons": [ "string" ],
    "ingestionStatus": "string",
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "knowledgeBaseType": "string",
    "lastContentModificationTime": number,
    "name": "string",
    "renderingConfiguration": {
      "templateUri": "string"
    },
    "serverSideEncryptionConfiguration": {
      "kmsKeyId": "string"
    },
    "sourceConfiguration": { ... },
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "vectorIngestionConfiguration": {
      "chunkingConfiguration": {
        "chunkingStrategy": "string",
        "fixedSizeChunkingConfiguration": {
          "maxTokens": number,
          "overlapPercentage": number
        }
      }
    }
  }
}
```



```
    "hierarchicalChunkingConfiguration": {
      "levelConfigurations": [
        {
          "maxTokens": number
        }
      ],
      "overlapTokens": number
    },
    "semanticChunkingConfiguration": {
      "breakpointPercentileThreshold": number,
      "bufferSize": number,
      "maxTokens": number
    }
  },
  "parsingConfiguration": {
    "bedrockFoundationModelConfiguration": {
      "modelArn": "string",
      "parsingPrompt": {
        "parsingPromptText": "string"
      }
    },
    "parsingStrategy": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

knowledgeBase

The knowledge base.

Type: [KnowledgeBaseData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateMessageTemplate

Creates an Amazon Q in Connect message template. The name of the message template has to be unique for each knowledge base. The channel subtype of the message template is immutable and cannot be modified after creation. After the message template is created, you can use the \$LATEST qualifier to reference the created message template.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/messageTemplates HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "channelSubtype": "string",
  "clientToken": "string",
  "content": { ... },
  "defaultAttributes": {
    "agentAttributes": {
      "firstName": "string",
      "lastName": "string"
    },
    "customAttributes": {
      "string" : "string"
    },
    "customerProfileAttributes": {
      "accountNumber": "string",
      "additionalInformation": "string",
      "address1": "string",
      "address2": "string",
      "address3": "string",
      "address4": "string",
      "billingAddress1": "string",
      "billingAddress2": "string",
      "billingAddress3": "string",
      "billingAddress4": "string",
      "billingCity": "string",
      "billingCountry": "string",
      "billingCounty": "string",
      "billingPostalCode": "string",
      "billingProvince": "string",
      "billingState": "string",
      "birthDate": "string",
```

```
"businessEmailAddress": "string",
"businessName": "string",
"businessPhoneNumber": "string",
"city": "string",
"country": "string",
"county": "string",
"custom": {
    "string" : "string"
},
"emailAddress": "string",
"firstName": "string",
"gender": "string",
"homePhoneNumber": "string",
"lastName": "string",
"mailingAddress1": "string",
"mailingAddress2": "string",
"mailingAddress3": "string",
"mailingAddress4": "string",
"mailingCity": "string",
"mailingCountry": "string",
"mailingCounty": "string",
"mailingPostalCode": "string",
"mailingProvince": "string",
"mailingState": "string",
"middleName": "string",
"mobilePhoneNumber": "string",
"partyType": "string",
"phoneNumber": "string",
"postalCode": "string",
"profileARN": "string",
"profileId": "string",
"province": "string",
"shippingAddress1": "string",
"shippingAddress2": "string",
"shippingAddress3": "string",
"shippingAddress4": "string",
"shippingCity": "string",
"shippingCountry": "string",
"shippingCounty": "string",
"shippingPostalCode": "string",
"shippingProvince": "string",
"shippingState": "string",
"state": "string"
},
```

```

    "systemAttributes": {
      "customerEndpoint": {
        "address": "string"
      },
      "name": "string",
      "systemEndpoint": {
        "address": "string"
      }
    },
    "description": "string",
    "groupingConfiguration": {
      "criteria": "string",
      "values": [ "string" ]
    },
    "language": "string",
    "name": "string",
    "sourceConfiguration": { ... },
    "tags": {
      "string" : "string"
    }
  }
}

```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

channelSubtype

The channel subtype this message template applies to.

Type: String

Valid Values: EMAIL | SMS | WHATSAPP | PUSH

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

content

The content of the message template.

Type: [MessageTemplateContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

defaultAttributes

An object that specifies the default values to use for variables in the message template. This object contains different categories of key-value pairs. Each key defines a variable or placeholder in the message template. The corresponding value defines the default value for that variable.

Type: [MessageTemplateAttributes](#) object

Required: No

description

The description of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

groupingConfiguration

The configuration information of the grouping of Amazon Q in Connect users.

Type: [GroupingConfiguration](#) object

Required: No

language

The language code value for the language in which the quick response is written. The supported language codes include de_DE, en_US, es_ES, fr_FR, id_ID, it_IT, ja_JP, ko_KR, pt_BR, zh_CN, zh_TW

Type: String

Length Constraints: Minimum length of 2. Maximum length of 5.

Required: No

name

The name of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

sourceConfiguration

The source configuration of the message template. Only set this argument for WHATSAPP channel subtype.

Type: [MessageTemplateSourceConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+-. _:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "messageTemplate": {
    "attributeTypes": [ "string" ],
    "channel": "string",
    "channelSubtype": "string",
    "content": { ... },
    "createdTime": "string",
    "defaultAttributes": {
      "agentAttributes": {
        "firstName": "string",
        "lastName": "string"
      },
      "customAttributes": {
        "string" : "string"
      },
      "customerProfileAttributes": {
        "accountNumber": "string",
        "additionalInformation": "string",
        "address1": "string",
        "address2": "string",
        "address3": "string",
        "address4": "string",
        "billingAddress1": "string",
        "billingAddress2": "string",
```

```
"billingAddress3": "string",
"billingAddress4": "string",
"billingCity": "string",
"billingCountry": "string",
"billingCounty": "string",
"billingPostalCode": "string",
"billingProvince": "string",
"billingState": "string",
"birthDate": "string",
"businessEmailAddress": "string",
"businessName": "string",
"businessPhoneNumber": "string",
"city": "string",
"country": "string",
"county": "string",
"custom": {
    "string" : "string"
},
"emailAddress": "string",
"firstName": "string",
"gender": "string",
"homePhoneNumber": "string",
"lastName": "string",
"mailingAddress1": "string",
"mailingAddress2": "string",
"mailingAddress3": "string",
"mailingAddress4": "string",
"mailingCity": "string",
"mailingCountry": "string",
"mailingCounty": "string",
"mailingPostalCode": "string",
"mailingProvince": "string",
"mailingState": "string",
"middleName": "string",
"mobilePhoneNumber": "string",
"partyType": "string",
"phoneNumber": "string",
"postalCode": "string",
"profileARN": "string",
"profileId": "string",
"province": "string",
"shippingAddress1": "string",
"shippingAddress2": "string",
"shippingAddress3": "string",
```

```

        "shippingAddress4": "string",
        "shippingCity": "string",
        "shippingCountry": "string",
        "shippingCounty": "string",
        "shippingPostalCode": "string",
        "shippingProvince": "string",
        "shippingState": "string",
        "state": "string"
    },
    "systemAttributes": {
        "customerEndpoint": {
            "address": "string"
        },
        "name": "string",
        "systemEndpoint": {
            "address": "string"
        }
    }
},
"description": "string",
"groupingConfiguration": {
    "criteria": "string",
    "values": [ "string" ]
},
"knowledgeBaseArn": "string",
"knowledgeBaseId": "string",
"language": "string",
"lastModifiedBy": "string",
"lastModifiedTime": "string",
"messageTemplateArn": "string",
"messageTemplateContentSha256": "string",
"messageTemplateId": "string",
"name": "string",
"sourceConfigurationSummary": { ... },
"tags": {
    "string" : "string"
}
}
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

messageTemplate

The message template.

Type: [MessageTemplateData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateMessageTemplateAttachment

Uploads an attachment file to the specified Amazon Q in Connect message template. The name of the message template attachment has to be unique for each message template referenced by the \$LATEST qualifier. The body of the attachment file should be encoded using base64 encoding. After the file is uploaded, you can use the pre-signed Amazon S3 URL returned in response to download the uploaded file.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId/attachments
HTTP/1.1
Content-type: application/json

{
  "body": "string",
  "clientToken": "string",
  "contentDisposition": "string",
  "name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN. It cannot contain any qualifier.

Required: Yes

name

The name of the attachment file being uploaded. The name should include the file extension.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[\p{L}\p{M}\p{N}_\s&@()+,;=\-]+\.[A-Za-z0-9]+`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "attachment": {
    "attachmentId": "string",
    "contentDisposition": "string",
    "name": "string",
    "uploadedTime": "string",
    "url": "string",
    "urlExpiry": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

attachment

The message template attachment.

Type: [MessageTemplateAttachment](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a `Create` API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateMessageTemplateVersion

Creates a new Amazon Q in Connect message template version from the current content and configuration of a message template. Versions are immutable and monotonically increasing. Once a version is created, you can reference a specific version of the message template by passing in `<message-template-id>:<versionNumber>` as the message template identifier. An error is displayed if the supplied `messageTemplateContentSha256` is different from the `messageTemplateContentSha256` of the message template with `$LATEST` qualifier. If multiple `CreateMessageTemplateVersion` requests are made while the message template remains the same, only the first invocation creates a new version and the succeeding requests will return the same response as the first invocation.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId/versions
HTTP/1.1
Content-type: application/json

{
  "messageTemplateContentSha256": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN. It cannot contain any qualifier.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

messageTemplateContentSha256

The checksum value of the message template content that is referenced by the \$LATEST qualifier. It can be returned in MessageTemplateData or ExtendedMessageTemplateData. It's calculated by content, language, defaultAttributes and Attachments of the message template. If not supplied, the message template version will be created based on the message template content that is referenced by the \$LATEST qualifier by default.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9]+`

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "messageTemplate": {
    "attachments": [
```

```
{
  "attachmentId": "string",
  "contentDisposition": "string",
  "name": "string",
  "uploadedTime": "string",
  "url": "string",
  "urlExpiry": "string"
},
"attributeTypes": [ "string" ],
"channel": "string",
"channelSubtype": "string",
"content": { ... },
"createdTime": "string",
"defaultAttributes": {
  "agentAttributes": {
    "firstName": "string",
    "lastName": "string"
  },
  "customAttributes": {
    "string" : "string"
  },
  "customerProfileAttributes": {
    "accountNumber": "string",
    "additionalInformation": "string",
    "address1": "string",
    "address2": "string",
    "address3": "string",
    "address4": "string",
    "billingAddress1": "string",
    "billingAddress2": "string",
    "billingAddress3": "string",
    "billingAddress4": "string",
    "billingCity": "string",
    "billingCountry": "string",
    "billingCounty": "string",
    "billingPostalCode": "string",
    "billingProvince": "string",
    "billingState": "string",
    "birthDate": "string",
    "businessEmailAddress": "string",
    "businessName": "string",
    "businessPhoneNumber": "string",
    "city": "string",
```

```
"country": "string",
"county": "string",
"custom": {
  "string" : "string"
},
"emailAddress": "string",
"firstName": "string",
"gender": "string",
"homePhoneNumber": "string",
"lastName": "string",
"mailingAddress1": "string",
"mailingAddress2": "string",
"mailingAddress3": "string",
"mailingAddress4": "string",
"mailingCity": "string",
"mailingCountry": "string",
"mailingCounty": "string",
"mailingPostalCode": "string",
"mailingProvince": "string",
"mailingState": "string",
"middleName": "string",
"mobilePhoneNumber": "string",
"partyType": "string",
"phoneNumber": "string",
"postalCode": "string",
"profileARN": "string",
"profileId": "string",
"province": "string",
"shippingAddress1": "string",
"shippingAddress2": "string",
"shippingAddress3": "string",
"shippingAddress4": "string",
"shippingCity": "string",
"shippingCountry": "string",
"shippingCounty": "string",
"shippingPostalCode": "string",
"shippingProvince": "string",
"shippingState": "string",
"state": "string"
},
"systemAttributes": {
  "customerEndpoint": {
    "address": "string"
  }
},
```

```
    "name": "string",
    "systemEndpoint": {
      "address": "string"
    }
  },
  "description": "string",
  "groupingConfiguration": {
    "criteria": "string",
    "values": [ "string" ]
  },
  "isActive": boolean,
  "knowledgeBaseArn": "string",
  "knowledgeBaseId": "string",
  "language": "string",
  "lastModifiedBy": "string",
  "lastModifiedTime": "string",
  "messageTemplateArn": "string",
  "messageTemplateContentSha256": "string",
  "messageTemplateId": "string",
  "name": "string",
  "sourceConfigurationSummary": { ... },
  "tags": {
    "string" : "string"
  },
  "versionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

messageTemplate

The message template.

Type: [ExtendedMessageTemplateData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a `Create` API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateQuickResponse

Creates an Amazon Q in Connect quick response.

Request Syntax

POST /knowledgeBases/*knowledgeBaseId*/quickResponses HTTP/1.1
Content-type: application/json

```
{
  "channels": [ "string" ],
  "clientToken": "string",
  "content": { ... },
  "contentType": "string",
  "description": "string",
  "groupingConfiguration": {
    "criteria": "string",
    "values": [ "string" ]
  },
  "isActive": boolean,
  "language": "string",
  "name": "string",
  "shortcutKey": "string",
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$ |
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

channels

The Connect Customer channels this quick response applies to.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

content

The content of the quick response.

Type: [QuickResponseDataProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

contentType

The media type of the quick response content.

- Use `application/x.quickresponse;format=plain` for a quick response written in plain text.

- Use `application/x.quickresponse;format=markdown` for a quick response written in richtext.

Type: String

Pattern: `(application/x\.quickresponse;format=(plain|markdown))`

Required: No

description

The description of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

groupingConfiguration

The configuration information of the user groups that the quick response is accessible to.

Type: [GroupingConfiguration](#) object

Required: No

isActive

Whether the quick response is active.

Type: Boolean

Required: No

language

The language code value for the language in which the quick response is written. The supported language codes include `de_DE`, `en_US`, `es_ES`, `fr_FR`, `id_ID`, `it_IT`, `ja_JP`, `ko_KR`, `pt_BR`, `zh_CN`, `zh_TW`

Type: String

Length Constraints: Minimum length of 2. Maximum length of 5.

Required: No

name

The name of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

shortcutKey

The shortcut key of the quick response. The value should be unique across the knowledge base.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+ -=._:/]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "quickResponse": {
    "channels": [ "string" ],
    "contents": {
```

```
    "markdown": { ... },
    "plainText": { ... }
  },
  "contentType": "string",
  "createdTime": number,
  "description": "string",
  "groupingConfiguration": {
    "criteria": "string",
    "values": [ "string" ]
  },
  "isActive": boolean,
  "knowledgeBaseArn": "string",
  "knowledgeBaseId": "string",
  "language": "string",
  "lastModifiedBy": "string",
  "lastModifiedTime": number,
  "name": "string",
  "quickResponseArn": "string",
  "quickResponseId": "string",
  "shortcutKey": "string",
  "status": "string",
  "tags": {
    "string" : "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

quickResponse

The quick response.

Type: [QuickResponseData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateSession

Creates a session. A session is a contextual container used for generating recommendations. Connect Customer creates a new Amazon Q in Connect session for each contact on which Amazon Q in Connect is enabled.

Request Syntax

POST /assistants/*assistantId*/sessions HTTP/1.1

Content-type: application/json

```
{
  "aiAgentConfiguration": {
    "string" : {
      "aiAgentId": "string"
    }
  },
  "clientToken": "string",
  "contactArn": "string",
  "description": "string",
  "name": "string",
  "orchestratorConfigurationList": [
    {
      "aiAgentId": "string",
      "orchestratorUseCase": "string"
    }
  ],
  "removeOrchestratorConfigurationList": boolean,
  "tagFilter": { ... },
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

aiAgentConfiguration

The configuration of the AI Agents (mapped by AI Agent Type to AI Agent version) that should be used by Amazon Q in Connect for this Session.

Type: String to [AIAgentConfigurationData](#) object map

Valid Keys: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE
| EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER |
ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: No

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

contactArn

The Amazon Resource Name (ARN) of the email contact in Connect Customer. Used to retrieve email content and establish session context for AI-powered email assistance.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: No

description

The description.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_. , -]+.*`

Required: No

name

The name of the session.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_. , -]+.*`

Required: Yes

orchestratorConfigurationList

The list of orchestrator configurations for the session being created.

Type: Array of [OrchestratorConfigurationEntry](#) objects

Required: No

removeOrchestratorConfigurationList

The list of orchestrator configurations to remove from the session.

Type: Boolean

Required: No

tagFilter

An object that can be used to specify Tag conditions.

Type: [TagFilter](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+-. _:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "session": {
    "aiAgentConfiguration": {
      "string": {
        "aiAgentId": "string"
      }
    },
    "description": "string",
    "integrationConfiguration": {
      "topicIntegrationArn": "string"
    },
    "name": "string",
    "orchestratorConfigurationList": [
      {
```

```
        "aiAgentId": "string",
        "orchestratorUseCase": "string"
    }
],
"origin": "string",
"sessionArn": "string",
"sessionId": "string",
"tagFilter": { ... },
"tags": {
    "string" : "string"
}
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

session

The session.

Type: [SessionData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

DependencyFailedException

The request failed because it depends on another request that failed.

HTTP Status Code: 424

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeactivateMessageTemplate

Deactivates a specific version of the Amazon Q in Connect message template . After the version is deactivated, you can no longer use the \$ACTIVE_VERSION qualifier to reference the version in active status.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId/deactivate
HTTP/1.1
Content-type: application/json

{
  "versionNumber": number
}
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN. It cannot contain any qualifier.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_-$]{0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`


```
{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})){0,2}(:[A-Z0-9_$]+)
{0,1}
```

Required: Yes

Request Body

The request accepts the following data in JSON format.

versionNumber

The version number of the message template version to deactivate.

Type: Long

Valid Range: Minimum value of 1.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "messageTemplateArn": "string",
  "messageTemplateId": "string",
  "versionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

messageTemplateArn

The Amazon Resource Name (ARN) of the message template.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

messageTemplateId

The identifier of the message template.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

versionNumber

The version number of the message template version that has been deactivated.

Type: Long

Valid Range: Minimum value of 1.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteAIAgent

Deletes an Amazon Q in Connect AI Agent.

Request Syntax

```
DELETE /assistants/assistantId/aiagents/aiAgentId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiAgentId

The identifier of the Amazon Q in Connect AI Agent. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteAIAgentVersion

Deletes an Amazon Q in Connect AI Agent Version.

Request Syntax

```
DELETE /assistants/assistantId/aiagents/aiAgentId/versions/versionNumber HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiAgentId

The identifier of the Amazon Q in Connect AI Agent. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

versionNumber

The version number of the AI Agent version.

Valid Range: Minimum value of 1.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteAIGuardrail

Deletes an Amazon Q in Connect AI Guardrail.

Request Syntax

```
DELETE /assistants/assistantId/aiguardrails/aiGuardrailId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiGuardrailId

The identifier of the Amazon Q in Connect AI Guardrail. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_]+){0,1}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 202
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteAIGuardrailVersion

Delete an Amazon Q in Connect AI Guardrail version.

Request Syntax

```
DELETE /assistants/assistantId/aiguadrails/aiGuardrailId/versions/versionNumber
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiGuardrailId

The identifier of the Amazon Q in Connect AI Guardrail.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

versionNumber

The version number of the AI Guardrail version to be deleted.

Valid Range: Minimum value of 1.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 202
```

Response Elements

If the action is successful, the service sends back an HTTP 202 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteAIPrompt

Deletes an Amazon Q in Connect AI Prompt.

Request Syntax

```
DELETE /assistants/assistantId/aiprompts/aiPromptId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiPromptId

The identifier of the Amazon Q in Connect AI prompt. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]{0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$$]{0,1}$)`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteAIPromptVersion

Delete and Amazon Q in Connect AI Prompt version.

Request Syntax

```
DELETE /assistants/assistantId/aiprompts/aiPromptId/versions/versionNumber HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiPromptId

The identifier of the Amazon Q in Connect AI prompt.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

versionNumber

The version number of the AI Prompt version to be deleted.

Valid Range: Minimum value of 1.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteAssistant

Deletes an assistant.

Request Syntax

```
DELETE /assistants/assistantId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteAssistantAssociation

Deletes an assistant association.

Request Syntax

```
DELETE /assistants/assistantId/associations/assistantAssociationId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

assistantAssociationId

The identifier of the assistant association. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteContent

Deletes the content.

Request Syntax

```
DELETE /knowledgeBases/knowledgeBaseId/contents/contentId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

contentId

The identifier of the content. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteContentAssociation

Deletes the content association.

For more information about content associations--what they are and when they are used--see [Integrate Amazon Q in Connect with step-by-step guides](#) in the *Connect Customer Administrator Guide*.

Request Syntax

```
DELETE /knowledgeBases/knowledgeBaseId/contents/contentId/
associations/contentAssociationId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

contentAssociationId

The identifier of the content association. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

contentId

The identifier of the content.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteImportJob

Deletes the quick response import job.

Request Syntax

```
DELETE /knowledgeBases/knowledgeBaseId/importJobs/importJobId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

importJobId

The identifier of the import job to be deleted.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$ |
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteKnowledgeBase

Deletes the knowledge base.

Note

When you use this API to delete an external knowledge base such as Salesforce or ServiceNow, you must also delete the [Amazon AppIntegrations](#) DataIntegration. This is because you can't reuse the DataIntegration after it's been associated with an external knowledge base. However, you can delete and recreate it. See [DeleteDataIntegration](#) and [CreateDataIntegration](#) in the *Amazon AppIntegrations API Reference*.

Request Syntax

```
DELETE /knowledgeBases/knowledgeBaseId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The knowledge base to delete content from. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteMessageTemplate

Deletes an Amazon Q in Connect message template entirely or a specific version of the message template if version is supplied in the request. You can provide the message template identifier as `<message-template-id>:<versionNumber>` to delete a specific version of the message template. If it is not supplied, the message template and all available versions will be deleted.

Request Syntax

```
DELETE /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]{0,1})$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]{0,1})`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteMessageTemplateAttachment

Deletes the attachment file from the Amazon Q in Connect message template that is referenced by \$LATEST qualifier. Attachments on available message template versions will remain unchanged.

Request Syntax

```
DELETE /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId/
attachments/attachmentId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

attachmentId

The identifier of the attachment file.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN. It cannot contain any qualifier.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_-\$]{0,1})\$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

```
{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})){0,2}(:[A-Z0-9_$]+){0,1}
```

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteQuickResponse

Deletes a quick response.

Request Syntax

```
DELETE /knowledgeBases/knowledgeBaseId/quickResponses/quickResponseId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The knowledge base from which the quick response is deleted. The identifier of the knowledge base.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

quickResponseId

The identifier of the quick response to delete.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetAIAgent

Gets an Amazon Q in Connect AI Agent.

Request Syntax

```
GET /assistants/assistantId/aiagents/aiAgentId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[aiAgentId](#)

The identifier of the Amazon Q in Connect AI Agent (with or without a version qualifier). Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]{0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$$]{0,1}$)`

Required: Yes

[assistantId](#)

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiAgent": {
    "aiAgentArn": "string",
    "aiAgentId": "string",
    "assistantArn": "string",
    "assistantId": "string",
    "configuration": { ... },
    "description": "string",
    "modifiedTime": number,
    "name": "string",
    "origin": "string",
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "type": "string",
    "visibilityStatus": "string"
  },
  "versionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

aiAgent

The data of the AI Agent.

Type: [AIAgentData](#) object

versionNumber

The version number of the AI Agent version (returned if an AI Agent version was specified via use of a qualifier for the aiAgentId on the request).

Type: Long

Valid Range: Minimum value of 1.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetAIGuardrail

Gets the Amazon Q in Connect AI Guardrail.

Request Syntax

```
GET /assistants/assistantId/aiguadrails/aiGuardrailId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiGuardrailId

The identifier of the Amazon Q in Connect AI Guardrail.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]{0,1})$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]{0,1})`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "aiGuardrail": {
    "aiGuardrailArn": "string",
    "aiGuardrailId": "string",
    "assistantArn": "string",
    "assistantId": "string",
    "blockedInputMessaging": "string",
    "blockedOutputsMessaging": "string",
    "contentPolicyConfig": {
      "filtersConfig": [
        {
          "inputStrength": "string",
          "outputStrength": "string",
          "type": "string"
        }
      ]
    },
    "contextualGroundingPolicyConfig": {
      "filtersConfig": [
        {
          "threshold": number,
          "type": "string"
        }
      ]
    },
    "description": "string",
    "modifiedTime": number,
    "name": "string",
    "sensitiveInformationPolicyConfig": {
      "piiEntitiesConfig": [
        {
          "action": "string",
          "type": "string"
        }
      ]
    },
    "regexesConfig": [
      {
        "action": "string",
```

```

        "description": "string",
        "name": "string",
        "pattern": "string"
    }
]
},
"status": "string",
"tags": {
    "string" : "string"
},
"topicPolicyConfig": {
    "topicsConfig": [
        {
            "definition": "string",
            "examples": [ "string" ],
            "name": "string",
            "type": "string"
        }
    ]
},
"visibilityStatus": "string",
"wordPolicyConfig": {
    "managedWordListsConfig": [
        {
            "type": "string"
        }
    ],
    "wordsConfig": [
        {
            "text": "string"
        }
    ]
}
},
"versionNumber": number
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

aiGuardrail

The data of the AI Guardrail.

Type: [AIGuardrailData](#) object

versionNumber

The version number of the AI Guardrail version (returned if an AI Guardrail version was specified via use of a qualifier for the `aiGuardrailId` on the request).

Type: Long

Valid Range: Minimum value of 1.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetAIPrompt

Gets and Amazon Q in Connect AI Prompt.

Request Syntax

```
GET /assistants/assistantId/aiprompts/aiPromptId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiPromptId

The identifier of the Amazon Q in Connect AI prompt.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "aiPrompt": {
    "aiPromptArn": "string",
    "aiPromptId": "string",
    "apiFormat": "string",
    "assistantArn": "string",
    "assistantId": "string",
    "description": "string",
    "inferenceConfiguration": {
      "maxTokensToSample": number,
      "temperature": number,
      "topK": number,
      "topP": number
    },
    "modelId": "string",
    "modifiedTime": number,
    "name": "string",
    "origin": "string",
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "templateConfiguration": { ... },
    "templateType": "string",
    "type": "string",
    "visibilityStatus": "string"
  },
  "versionNumber": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

aiPrompt

The data of the AI Prompt.

Type: [AIPromptData](#) object

versionNumber

The version number of the AI Prompt version (returned if an AI Prompt version was specified via use of a qualifier for the aiPromptId on the request).

Type: Long

Valid Range: Minimum value of 1.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetAssistant

Retrieves information about an assistant.

Request Syntax

```
GET /assistants/assistantId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "assistant": {
    "aiAgentConfiguration": {
      "string" : {
        "aiAgentId": "string"
      }
    }
  },
}
```

```
{
  "assistantArn": "string",
  "assistantId": "string",
  "capabilityConfiguration": {
    "type": "string"
  },
  "description": "string",
  "integrationConfiguration": {
    "topicIntegrationArn": "string"
  },
  "name": "string",
  "orchestratorConfigurationList": [
    {
      "aiAgentId": "string",
      "orchestratorUseCase": "string"
    }
  ],
  "serverSideEncryptionConfiguration": {
    "kmsKeyId": "string"
  },
  "status": "string",
  "tags": {
    "string" : "string"
  },
  "type": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

assistant

Information about the assistant.

Type: [AssistantData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetAssistantAssociation

Retrieves information about an assistant association.

Request Syntax

```
GET /assistants/assistantId/associations/assistantAssociationId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

assistantAssociationId

The identifier of the assistant association. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "assistantAssociation": {
    "assistantArn": "string",
    "assistantAssociationArn": "string",
    "assistantAssociationId": "string",
    "assistantId": "string",
    "associationData": { ... },
    "associationType": "string",
    "tags": {
      "string" : "string"
    }
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

assistantAssociation

The assistant association.

Type: [AssistantAssociationData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetContent

Retrieves content, including a pre-signed URL to download the content.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/contents/contentId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

contentId

The identifier of the content. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base. This should not be a QUICK_RESPONSES type knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "content": {
    "contentArn": "string",
    "contentId": "string",
    "contentType": "string",
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "linkOutUri": "string",
    "metadata": {
      "string" : "string"
    },
    "name": "string",
    "revisionId": "string",
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "title": "string",
    "url": "string",
    "urlExpiry": number
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

content

The content.

Type: [ContentData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetContentAssociation

Returns the content association.

For more information about content associations--what they are and when they are used--see [Integrate Amazon Q in Connect with step-by-step guides](#) in the *Connect Customer Administrator Guide*.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/contents/contentId/
associations/contentAssociationId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

contentAssociationId

The identifier of the content association. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

contentId

The identifier of the content.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "contentAssociation": {
    "associationData": { ... },
    "associationType": "string",
    "contentArn": "string",
    "contentAssociationArn": "string",
    "contentAssociationId": "string",
    "contentId": "string",
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "tags": {
      "string" : "string"
    }
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

contentAssociation

The association between Amazon Q in Connect content and another resource.

Type: [ContentAssociationData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetContentSummary

Retrieves summary information about the content.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/contents/contentId/summary HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

contentId

The identifier of the content. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "contentSummary": {
    "contentArn": "string",
    "contentId": "string",
    "contentType": "string",
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "metadata": {
      "string" : "string"
    },
    "name": "string",
    "revisionId": "string",
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "title": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

contentSummary

The content summary.

Type: [ContentSummary](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetImportJob

Retrieves the started import job.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/importJobs/importJobId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

importJobId

The identifier of the import job to retrieve.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

knowledgeBaseId

The identifier of the knowledge base that the import job belongs to.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "importJob": {
    "createdTime": number,
    "externalSourceConfiguration": {
      "configuration": { ... },
      "source": "string"
    },
    "failedRecordReport": "string",
    "importJobId": "string",
    "importJobType": "string",
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "lastModifiedTime": number,
    "metadata": {
      "string" : "string"
    },
    "status": "string",
    "uploadId": "string",
    "url": "string",
    "urlExpiry": number
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

importJob

The import job.

Type: [ImportJobData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetKnowledgeBase

Retrieves information about the knowledge base.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "knowledgeBase": {
    "description": "string",
    "ingestionFailureReasons": [ "string" ],
    "ingestionStatus": "string",
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "knowledgeBaseType": "string",
```

```
"lastContentModificationTime": number,
"name": "string",
"renderingConfiguration": {
  "templateUri": "string"
},
"serverSideEncryptionConfiguration": {
  "kmsKeyId": "string"
},
"sourceConfiguration": { ... },
"status": "string",
"tags": {
  "string" : "string"
},
"vectorIngestionConfiguration": {
  "chunkingConfiguration": {
    "chunkingStrategy": "string",
    "fixedSizeChunkingConfiguration": {
      "maxTokens": number,
      "overlapPercentage": number
    },
    "hierarchicalChunkingConfiguration": {
      "levelConfigurations": [
        {
          "maxTokens": number
        }
      ],
      "overlapTokens": number
    },
    "semanticChunkingConfiguration": {
      "breakpointPercentileThreshold": number,
      "bufferSize": number,
      "maxTokens": number
    }
  },
  "parsingConfiguration": {
    "bedrockFoundationModelConfiguration": {
      "modelArn": "string",
      "parsingPrompt": {
        "parsingPromptText": "string"
      }
    },
    "parsingStrategy": "string"
  }
}
```

```
}  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

knowledgeBase

The knowledge base.

Type: [KnowledgeBaseData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetMessageTemplate

Retrieves the Amazon Q in Connect message template. The message template identifier can contain an optional qualifier, for example, <message-template-id>:<qualifier>, which is either an actual version number or an Amazon Q Connect managed qualifier \$ACTIVE_VERSION | \$LATEST. If it is not supplied, then \$LATEST is assumed implicitly.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]{0,1})$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]{0,1})$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "messageTemplate": {
    "attachments": [
      {
        "attachmentId": "string",
        "contentDisposition": "string",
        "name": "string",
        "uploadedTime": "string",
        "url": "string",
        "urlExpiry": "string"
      }
    ],
    "attributeTypes": [ "string" ],
    "channel": "string",
    "channelSubtype": "string",
    "content": { ... },
    "createdTime": "string",
    "defaultAttributes": {
      "agentAttributes": {
        "firstName": "string",
        "lastName": "string"
      },
      "customAttributes": {
        "string" : "string"
      },
      "customerProfileAttributes": {
        "accountNumber": "string",
        "additionalInformation": "string",
        "address1": "string",
        "address2": "string",
        "address3": "string",
        "address4": "string",
        "billingAddress1": "string",
        "billingAddress2": "string",
```

```
"billingAddress3": "string",
"billingAddress4": "string",
"billingCity": "string",
"billingCountry": "string",
"billingCounty": "string",
"billingPostalCode": "string",
"billingProvince": "string",
"billingState": "string",
"birthDate": "string",
"businessEmailAddress": "string",
"businessName": "string",
"businessPhoneNumber": "string",
"city": "string",
"country": "string",
"county": "string",
"custom": {
    "string" : "string"
},
"emailAddress": "string",
"firstName": "string",
"gender": "string",
"homePhoneNumber": "string",
"lastName": "string",
"mailingAddress1": "string",
"mailingAddress2": "string",
"mailingAddress3": "string",
"mailingAddress4": "string",
"mailingCity": "string",
"mailingCountry": "string",
"mailingCounty": "string",
"mailingPostalCode": "string",
"mailingProvince": "string",
"mailingState": "string",
"middleName": "string",
"mobilePhoneNumber": "string",
"partyType": "string",
"phoneNumber": "string",
"postalCode": "string",
"profileARN": "string",
"profileId": "string",
"province": "string",
"shippingAddress1": "string",
"shippingAddress2": "string",
"shippingAddress3": "string",
```

```

        "shippingAddress4": "string",
        "shippingCity": "string",
        "shippingCountry": "string",
        "shippingCounty": "string",
        "shippingPostalCode": "string",
        "shippingProvince": "string",
        "shippingState": "string",
        "state": "string"
    },
    "systemAttributes": {
        "customerEndpoint": {
            "address": "string"
        },
        "name": "string",
        "systemEndpoint": {
            "address": "string"
        }
    }
},
"description": "string",
"groupingConfiguration": {
    "criteria": "string",
    "values": [ "string" ]
},
"isActive": boolean,
"knowledgeBaseArn": "string",
"knowledgeBaseId": "string",
"language": "string",
"lastModifiedBy": "string",
"lastModifiedTime": "string",
"messageTemplateArn": "string",
"messageTemplateContentSha256": "string",
"messageTemplateId": "string",
"name": "string",
"sourceConfigurationSummary": { ... },
"tags": {
    "string" : "string"
},
"versionNumber": number
}
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

messageTemplate

The message template.

Type: [ExtendedMessageTemplateData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetNextMessage

Retrieves next message on an Amazon Q in Connect session.

Request Syntax

```
GET /assistants/assistantId/sessions/sessionId/messages/next?
nextMessageToken=nextMessageToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

nextMessageToken

The token for the next message. Use the value returned in the `SendMessage` or previous response in the next request to retrieve the next message.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: Yes

sessionId

The identifier of the Amazon Q in Connect session.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "chunkedResponseTerminated": boolean,
  "conversationSessionData": [
    {
      "key": "string",
      "value": { ... }
    }
  ],
  "conversationState": {
    "reason": "string",
    "status": "string"
  },
  "nextMessageToken": "string",
  "requestMessageId": "string",
  "response": {
    "messageId": "string",
    "participant": "string",
    "timestamp": number,
    "value": { ... }
  },
  "type": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[chunkedResponseTerminated](#)

Indicates whether the chunked response has been terminated.

Type: Boolean

[conversationSessionData](#)

The conversation data stored on an Amazon Q in Connect Session.

Type: Array of [RuntimeSessionData](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

[conversationState](#)

The state of current conversation.

Type: [ConversationState](#) object

[nextMessageToken](#)

The token for the next message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

[requestMessageId](#)

The identifier of the submitted message.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

[response](#)

The message response to the requested message.

Type: [MessageOutput](#) object

[type](#)

The type of message response.

Type: String

Valid Values: TEXT | TOOL_USE_RESULT

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnprocessableContentException

The server has a failure of processing the message

HTTP Status Code: 422

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetQuickResponse

Retrieves the quick response.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/quickResponses/quickResponseId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. This should be a QUICK_RESPONSES type knowledge base.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

quickResponseId

The identifier of the quick response.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "quickResponse": {
    "channels": [ "string" ],
    "contents": {
      "markdown": { ... },
      "plainText": { ... }
    },
    "contentType": "string",
    "createdTime": number,
    "description": "string",
    "groupingConfiguration": {
      "criteria": "string",
      "values": [ "string" ]
    },
    "isActive": boolean,
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "language": "string",
    "lastModifiedBy": "string",
    "lastModifiedTime": number,
    "name": "string",
    "quickResponseArn": "string",
    "quickResponseId": "string",
    "shortcutKey": "string",
    "status": "string",
    "tags": {
      "string" : "string"
    }
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[quickResponse](#)

The quick response.

Type: [QuickResponseData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetRecommendations

Important

This API will be discontinued starting June 1, 2024. To receive generative responses after March 1, 2024, you will need to create a new Assistant in the Connect Customer console and integrate the Amazon Q in Connect JavaScript library (amazon-q-connectjs) into your applications.

Retrieves recommendations for the specified session. To avoid retrieving the same recommendations in subsequent calls, use [NotifyRecommendationsReceived](#). This API supports long-polling behavior with the `waitTimeSeconds` parameter. Short poll is the default behavior and only returns recommendations already available. To perform a manual query against an assistant, use [QueryAssistant](#).

Request Syntax

```
GET /assistants/assistantId/sessions/sessionId/recommendations?
maxResults=maxResults&nextChunkToken=nextChunkToken&recommendationType=recommendationType&waitTimeSeconds=waitTimeSeconds
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[assistantId](#)

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextChunkToken

The token for the next set of chunks. Use the value returned in the previous response in the next request to retrieve the next set of chunks.

Length Constraints: Minimum length of 1. Maximum length of 2048.

recommendationType

The type of recommendation being requested.

Valid Values: KNOWLEDGE_CONTENT | GENERATIVE_RESPONSE |
GENERATIVE_ANSWER | DETECTED_INTENT | GENERATIVE_ANSWER_CHUNK
| BLOCKED_GENERATIVE_ANSWER_CHUNK | INTENT_ANSWER_CHUNK
| BLOCKED_INTENT_ANSWER_CHUNK | EMAIL_RESPONSE_CHUNK |
EMAIL_OVERVIEW_CHUNK | EMAIL_GENERATIVE_ANSWER_CHUNK |
CASE_SUMMARIZATION_CHUNK | BLOCKED_CASE_SUMMARIZATION_CHUNK |
SUGGESTED_MESSAGE | NOTES_CHUNK | BLOCKED_NOTES_CHUNK

sessionId

The identifier of the session. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:([a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

waitTimeSeconds

The duration (in seconds) for which the call waits for a recommendation to be made available before returning. If a recommendation is available, the call returns sooner than `WaitTimeSeconds`. If no messages are available and the wait time expires, the call returns successfully with an empty list.

Valid Range: Minimum value of 0. Maximum value of 20.

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "recommendations": [
    {
      "data": {
        "details": { ... },
        "reference": { ... }
      },
      "document": {
        "contentReference": {
          "contentArn": "string",
          "contentId": "string",
          "knowledgeBaseArn": "string",
          "knowledgeBaseId": "string",
          "referenceType": "string",
          "sourceURL": "string"
        },
        "excerpt": {
          "highlights": [
            {
              "beginOffsetInclusive": number,
              "endOffsetExclusive": number
            }
          ],
          "text": "string"
        },
        "title": {
          "highlights": [
            {
              "beginOffsetInclusive": number,
              "endOffsetExclusive": number
            }
          ],
          "text": "string"
        }
      }
    }
  ]
}
```

```
    },
    "recommendationId": "string",
    "relevanceLevel": "string",
    "relevanceScore": number,
    "type": "string"
  }
],
"triggers": [
  {
    "data": { ... },
    "id": "string",
    "recommendationIds": [ "string" ],
    "source": "string",
    "type": "string"
  }
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

recommendations

The recommendations.

Type: Array of [RecommendationData](#) objects

triggers

The triggers corresponding to recommendations.

Type: Array of [RecommendationTrigger](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetSession

Retrieves information for a specified session.

Request Syntax

```
GET /assistants/assistantId/sessions/sessionId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

sessionId

The identifier of the session. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "session": {
    "aiAgentConfiguration": {
      "string" : {
        "aiAgentId": "string"
      }
    },
    "description": "string",
    "integrationConfiguration": {
      "topicIntegrationArn": "string"
    },
    "name": "string",
    "orchestratorConfigurationList": [
      {
        "aiAgentId": "string",
        "orchestratorUseCase": "string"
      }
    ],
    "origin": "string",
    "sessionArn": "string",
    "sessionId": "string",
    "tagFilter": { ... },
    "tags": {
      "string" : "string"
    }
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

session

The session.

Type: [SessionData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListAIAgents

Lists AI Agents.

Request Syntax

```
GET /assistants/assistantId/aiagents?  
maxResults=maxResults&nextToken=nextToken&origin=origin HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[assistantId](#)

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

[maxResults](#)

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

[origin](#)

The origin of the AI Agents to be listed. SYSTEM for a default AI Agent created by Q in Connect or CUSTOMER for an AI Agent created by calling AI Agent creation APIs.

Valid Values: SYSTEM | CUSTOMER

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiAgentSummaries": [
    {
      "aiAgentArn": "string",
      "aiAgentId": "string",
      "assistantArn": "string",
      "assistantId": "string",
      "configuration": { ... },
      "description": "string",
      "modifiedTime": number,
      "name": "string",
      "origin": "string",
      "status": "string",
      "tags": {
        "string" : "string"
      },
      "type": "string",
      "visibilityStatus": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

aiAgentSummaries

The summaries of AI Agents.

Type: Array of [AI Agent Summary](#) objects

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListAIAgentVersions

List AI Agent versions.

Request Syntax

```
GET /assistants/assistantId/aiagents/aiAgentId/versions?  
maxResults=maxResults&nextToken=nextToken&origin=origin HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiAgentId

The identifier of the Amazon Q in Connect AI Agent for which versions are to be listed.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]{0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$$]{0,1}$)`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

origin

The origin of the AI Agent versions to be listed. SYSTEM for a default AI Agent created by Q in Connect or CUSTOMER for an AI Agent created by calling AI Agent creation APIs.

Valid Values: SYSTEM | CUSTOMER

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiAgentVersionSummaries": [
    {
      "aiAgentSummary": {
        "aiAgentArn": "string",
        "aiAgentId": "string",
        "assistantArn": "string",
        "assistantId": "string",
        "configuration": { ... },
        "description": "string",
        "modifiedTime": number,
        "name": "string",
        "origin": "string",
        "status": "string",
        "tags": {
          "string" : "string"
        },
        "type": "string",
        "visibilityStatus": "string"
      },
    },
  ],
}
```

```
    "versionNumber": number
  },
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[aiAgentVersionSummaries](#)

The summaries of AI Agent versions.

Type: Array of [AIAgentVersionSummary](#) objects

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListAIGuardrails

Lists the AI Guardrails available on the Amazon Q in Connect assistant.

Request Syntax

```
GET /assistants/assistantId/aiguadrails?maxResults=maxResults&nextToken=nextToken
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[assistantId](#)

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

[maxResults](#)

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiGuardrailSummaries": [
    {
      "aiGuardrailArn": "string",
      "aiGuardrailId": "string",
      "assistantArn": "string",
      "assistantId": "string",
      "description": "string",
      "modifiedTime": number,
      "name": "string",
      "status": "string",
      "tags": {
        "string" : "string"
      },
      "visibilityStatus": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

aiGuardrailSummaries

The summaries of the AI Guardrails.

Type: Array of [AIGuardrailSummary](#) objects

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListAIGuardrailVersions

Lists AI Guardrail versions.

Request Syntax

```
GET /assistants/assistantId/aiguadrails/aiGuardrailId/versions?  
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiGuardrailId

The identifier of the Amazon Q in Connect AI Guardrail for which versions are to be listed.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiGuardrailVersionSummaries": [
    {
      "aiGuardrailSummary": {
        "aiGuardrailArn": "string",
        "aiGuardrailId": "string",
        "assistantArn": "string",
        "assistantId": "string",
        "description": "string",
        "modifiedTime": number,
        "name": "string",
        "status": "string",
        "tags": {
          "string" : "string"
        },
        "visibilityStatus": "string"
      },
      "versionNumber": number
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[aiGuardrailVersionSummaries](#)

The summaries of the AI Guardrail versions.

Type: Array of [AIGuardrailVersionSummary](#) objects

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListAIPrompts

Lists the AI Prompts available on the Amazon Q in Connect assistant.

Request Syntax

```
GET /assistants/assistantId/aiprompts?  
maxResults=maxResults&nextToken=nextToken&origin=origin HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[assistantId](#)

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

[maxResults](#)

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

[origin](#)

The origin of the AI Prompts to be listed. SYSTEM for a default AI Agent created by Q in Connect or CUSTOMER for an AI Agent created by calling AI Agent creation APIs.

Valid Values: SYSTEM | CUSTOMER

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiPromptSummaries": [
    {
      "aiPromptArn": "string",
      "aiPromptId": "string",
      "apiFormat": "string",
      "assistantArn": "string",
      "assistantId": "string",
      "description": "string",
      "modelId": "string",
      "modifiedTime": number,
      "name": "string",
      "origin": "string",
      "status": "string",
      "tags": {
        "string" : "string"
      },
      "templateType": "string",
      "type": "string",
      "visibilityStatus": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[aiPromptSummaries](#)

The summaries of the AI Prompts.

Type: Array of [aiPromptSummary](#) objects

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListAIPromptVersions

Lists AI Prompt versions.

Request Syntax

```
GET /assistants/assistantId/aiprompts/aiPromptId/versions?  
maxResults=maxResults&nextToken=nextToken&origin=origin HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[aiPromptId](#)

The identifier of the Amazon Q in Connect AI prompt for which versions are to be listed.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

[assistantId](#)

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

[maxResults](#)

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

origin

The origin of the AI Prompt versions to be listed. SYSTEM for a default AI Agent created by Q in Connect or CUSTOMER for an AI Agent created by calling AI Agent creation APIs.

Valid Values: SYSTEM | CUSTOMER

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiPromptVersionSummaries": [
    {
      "aiPromptSummary": {
        "aiPromptArn": "string",
        "aiPromptId": "string",
        "apiFormat": "string",
        "assistantArn": "string",
        "assistantId": "string",
        "description": "string",
        "modelId": "string",
        "modifiedTime": number,
        "name": "string",
        "origin": "string",
        "status": "string",
        "tags": {
          "string" : "string"
        },
        "templateType": "string",
```

```
        "type": "string",
        "visibilityStatus": "string"
    },
    "versionNumber": number
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[aiPromptVersionSummaries](#)

The summaries of the AI Prompt versions.

Type: Array of [AIPromptVersionSummary](#) objects

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListAssistantAssociations

Lists information about assistant associations.

Request Syntax

```
GET /assistants/assistantId/associations?maxResults=maxResults&nextToken=nextToken
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[assistantId](#)

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

[maxResults](#)

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "assistantAssociationSummaries": [
    {
      "assistantArn": "string",
      "assistantAssociationArn": "string",
      "assistantAssociationId": "string",
      "assistantId": "string",
      "associationData": { ... },
      "associationType": "string",
      "tags": {
        "string" : "string"
      }
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[assistantAssociationSummaries](#)

Summary information about assistant associations.

Type: Array of [AssistantAssociationSummary](#) objects

[nextToken](#)

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

ListAssistants

Lists information about assistants.

Request Syntax

```
GET /assistants?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "assistantSummaries": [
    {
      "aiAgentConfiguration": {
        "string" : {
```

```

        "aiAgentId": "string"
    },
    "assistantArn": "string",
    "assistantId": "string",
    "capabilityConfiguration": {
        "type": "string"
    },
    "description": "string",
    "integrationConfiguration": {
        "topicIntegrationArn": "string"
    },
    "name": "string",
    "orchestratorConfigurationList": [
        {
            "aiAgentId": "string",
            "orchestratorUseCase": "string"
        }
    ],
    "serverSideEncryptionConfiguration": {
        "kmsKeyId": "string"
    },
    "status": "string",
    "tags": {
        "string" : "string"
    },
    "type": "string"
},
"nextToken": "string"
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

assistantSummaries

Information about the assistants.

Type: Array of [AssistantSummary](#) objects

nextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListContentAssociations

Lists the content associations.

For more information about content associations--what they are and when they are used--see [Integrate Amazon Q in Connect with step-by-step guides](#) in the *Connect Customer Administrator Guide*.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/contents/contentId/associations?
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

contentId

The identifier of the content.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$ |
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}\$ |
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "contentAssociationSummaries": [
    {
      "associationData": { ... },
      "associationType": "string",
      "contentArn": "string",
      "contentAssociationArn": "string",
      "contentAssociationId": "string",
      "contentId": "string",
      "knowledgeBaseArn": "string",
      "knowledgeBaseId": "string",
      "tags": {
        "string" : "string"
      }
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[contentAssociationSummaries](#)

Summary information about content associations.

Type: Array of [ContentAssociationSummary](#) objects

[nextToken](#)

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListContents

Lists the content.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/contents?maxResults=maxResults&nextToken=nextToken
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[knowledgeBaseId](#)

The identifier of the knowledge base. This should not be a QUICK_RESPONSES type knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

[maxResults](#)

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "contentSummaries": [
    {
      "contentArn": "string",
      "contentId": "string",
      "contentType": "string",
      "knowledgeBaseArn": "string",
      "knowledgeBaseId": "string",
      "metadata": {
        "string" : "string"
      },
      "name": "string",
      "revisionId": "string",
      "status": "string",
      "tags": {
        "string" : "string"
      },
      "title": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

contentSummaries

Information about the content.

Type: Array of [ContentSummary](#) objects

nextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListImportJobs

Lists information about import jobs.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/importJobs?  
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 4096.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "importJobSummaries": [
    {
      "createdTime": number,
      "externalSourceConfiguration": {
        "configuration": { ... },
        "source": "string"
      },
      "importJobId": "string",
      "importJobType": "string",
      "knowledgeBaseArn": "string",
      "knowledgeBaseId": "string",
      "lastModifiedTime": number,
      "metadata": {
        "string" : "string"
      },
      "status": "string",
      "uploadId": "string"
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

importJobSummaries

Summary information about the import jobs.

Type: Array of [ImportJobSummary](#) objects

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListKnowledgeBases

Lists the knowledge bases.

Request Syntax

```
GET /knowledgeBases?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 4096.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "knowledgeBaseSummaries": [
    {
      "description": "string",
      "knowledgeBaseArn": "string",
      "knowledgeBaseId": "string",
      "knowledgeBaseType": "string",
      "name": "string",
```

```

    "renderingConfiguration": {
      "templateUri": "string"
    },
    "serverSideEncryptionConfiguration": {
      "kmsKeyId": "string"
    },
    "sourceConfiguration": { ... },
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "vectorIngestionConfiguration": {
      "chunkingConfiguration": {
        "chunkingStrategy": "string",
        "fixedSizeChunkingConfiguration": {
          "maxTokens": number,
          "overlapPercentage": number
        },
        "hierarchicalChunkingConfiguration": {
          "levelConfigurations": [
            {
              "maxTokens": number
            }
          ],
          "overlapTokens": number
        },
        "semanticChunkingConfiguration": {
          "breakpointPercentileThreshold": number,
          "bufferSize": number,
          "maxTokens": number
        }
      },
      "parsingConfiguration": {
        "bedrockFoundationModelConfiguration": {
          "modelArn": "string",
          "parsingPrompt": {
            "parsingPromptText": "string"
          }
        },
        "parsingStrategy": "string"
      }
    }
  },
]

```

```
"nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

knowledgeBaseSummaries

Information about the knowledge bases.

Type: Array of [KnowledgeBaseSummary](#) objects

nextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListMessages

Lists messages on an Amazon Q in Connect session.

Request Syntax

```
GET /assistants/assistantId/sessions/sessionId/messages?  
filter=filter&maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[assistantId](#)

The identifier of the Amazon Q in Connect assistant.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

[filter](#)

The filter criteria for listing messages.

Valid Values: ALL | TEXT_ONLY

[maxResults](#)

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

sessionId

The identifier of the Amazon Q in Connect session.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "messages": [
    {
      "messageId": "string",
      "participant": "string",
      "timestamp": number,
      "value": { ... }
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

messages

The message information.

Type: Array of [MessageOutput](#) objects

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListMessageTemplates

Lists all the available Amazon Q in Connect message templates for the specified knowledge base.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/messageTemplates?  
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "messageTemplateSummaries": [
    {
      "activeVersionNumber": number,
      "channel": "string",
      "channelSubtype": "string",
      "createdTime": "string",
      "description": "string",
      "knowledgeBaseArn": "string",
      "knowledgeBaseId": "string",
      "lastModifiedBy": "string",
      "lastModifiedTime": "string",
      "messageTemplateArn": "string",
      "messageTemplateId": "string",
      "name": "string",
      "sourceConfiguration": { ... },
      "tags": {
        "string" : "string"
      }
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

messageTemplateSummaries

Summary information about the message template.

Type: Array of [MessageTemplateSummary](#) objects

nextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListMessageTemplateVersions

Lists all the available versions for the specified Amazon Q in Connect message template.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId/versions?
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN. It cannot contain any qualifier.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "messageTemplateVersionSummaries": [
    {
      "channel": "string",
      "channelSubtype": "string",
      "isActive": boolean,
      "knowledgeBaseArn": "string",
      "knowledgeBaseId": "string",
      "messageTemplateArn": "string",
      "messageTemplateId": "string",
      "name": "string",
      "versionNumber": number
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[messageTemplateVersionSummaries](#)

Summary information about the versions of a message template.

Type: Array of [MessageTemplateVersionSummary](#) objects

nextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListModels

Lists the models available to an Amazon Q in Connect assistant in the assistant's AWS Region. The available models are determined by the region of the specified assistant.

Request Syntax

```
GET /assistants/assistantId/models?
aiPromptType=aiPromptType&maxResults=maxResults&modelLifecycle=modelLifecycle&nextToken=nextToken
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiPromptType

The type of the AI Prompt to filter models by. When specified, only models that support the given AI Prompt type are returned.

Valid Values: ANSWER_GENERATION | INTENT_LABELING_GENERATION
| QUERY_REFORMULATION | SELF_SERVICE_PRE_PROCESSING |
SELF_SERVICE_ANSWER_GENERATION | EMAIL_RESPONSE | EMAIL_OVERVIEW |
EMAIL_GENERATIVE_ANSWER | EMAIL_QUERY_REFORMULATION | ORCHESTRATION |
NOTE_TAKING | CASE_SUMMARIZATION

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN. The assistant's region determines which models are available.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:([a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

modelLifecycle

The lifecycle status of models to filter by. When specified, only models with the given lifecycle status are returned.

Valid Values: ACTIVE | LEGACY

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "modelSummaries": [
    {
      "crossRegionStatus": "string",
      "displayName": "string",
      "endOfLifeTimestamp": number,
      "legacyTimestamp": number,
      "modelId": "string",
      "modelLifecycle": "string",
      "supportedAIPromptTypes": [ "string" ],
      "supportsPromptCaching": boolean
    }
  ],
  "nextToken": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

modelSummaries

The summaries of the models available to the assistant.

Type: Array of [ModelSummary](#) objects

nextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListQuickResponses

Lists information about quick response.

Request Syntax

```
GET /knowledgeBases/knowledgeBaseId/quickResponses?  
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[knowledgeBaseId](#)

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

[maxResults](#)

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 4096.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "nextToken": "string",
  "quickResponseSummaries": [
    {
      "channels": [ "string" ],
      "contentType": "string",
      "createdTime": number,
      "description": "string",
      "isActive": boolean,
      "knowledgeBaseArn": "string",
      "knowledgeBaseId": "string",
      "lastModifiedBy": "string",
      "lastModifiedTime": number,
      "name": "string",
      "quickResponseArn": "string",
      "quickResponseId": "string",
      "status": "string",
      "tags": {
        "string" : "string"
      }
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

[quickResponseSummaries](#)

Summary information about the quick responses.

Type: Array of [QuickResponseSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListSpans

Retrieves AI agent execution traces for a session, providing granular visibility into agent orchestration flows, LLM interactions, and tool invocations.

Request Syntax

```
GET /assistants/assistantId/sessions/sessionId/spans?  
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

UUID or ARN of the Connect AI Assistant resource

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

maxResults

Maximum number of spans to return per page

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

Pagination token for retrieving the next page of results

Length Constraints: Minimum length of 1. Maximum length of 2048.

sessionId

UUID or ARN of the Connect AI Session resource

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})){0,2}

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "nextToken": "string",
  "spans": [
    {
      "assistantId": "string",
      "attributes": {
        "agentId": "string",
        "aiAgentArn": "string",
        "aiAgentId": "string",
        "aiAgentInvoker": "string",
        "aiAgentName": "string",
        "aiAgentOrchestratorUseCase": "string",
        "aiAgentType": "string",
        "aiAgentVersion": number,
        "cacheReadInputTokens": number,
        "cacheWriteInputTokens": number,
        "contactId": "string",
        "errorType": "string",
        "guardrailAssessments": [
          {
            "action": "string",
            "guardrailId": "string",
            "guardrailName": "string",
            "policies": [
              {
                "action": "string",
                "details": "string",
                "policyType": "string"
              }
            ]
          }
        ]
      }
    }
  ]
}
```

```

        }
    ],
    "source": "string"
}
],
"initialContactId": "string",
"inputMessages": [
    {
        "messageId": "string",
        "participant": "string",
        "timestamp": number,
        "values": [
            { ... }
        ]
    }
],
"instanceArn": "string",
"operationName": "string",
"outputMessages": [
    {
        "messageId": "string",
        "participant": "string",
        "timestamp": number,
        "values": [
            { ... }
        ]
    }
],
"promptArn": "string",
"promptId": "string",
"promptName": "string",
"promptType": "string",
"promptVersion": number,
"providerName": "string",
"requestMaxTokens": number,
"requestModel": "string",
"responseFinishReasons": [ "string" ],
"responseModel": "string",
"sessionName": "string",
"systemInstructions": [
    { ... }
],
"temperature": number,
"timeToFirstTokenMs": number,

```

```
        "topP": number,
        "usageInputTokens": number,
        "usageOutputTokens": number,
        "usageTotalTokens": number
    },
    "endTimeStamp": number,
    "originRequestId": "string",
    "parentSpanId": "string",
    "requestId": "string",
    "sessionId": "string",
    "spanId": "string",
    "spanName": "string",
    "spanType": "string",
    "startTimeStamp": number,
    "status": "string",
    "statusDescription": "string"
}
]
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

nextToken

Pagination token for retrieving additional results

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

spans

Array of span objects for the session

Type: Array of [Span](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

ListTagsForResource

Lists the tags for the specified resource.

Request Syntax

```
GET /tags/resourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "tags": {
    "string" : "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

NotifyRecommendationsReceived

Removes the specified recommendations from the specified assistant's queue of newly available recommendations. You can use this API in conjunction with [GetRecommendations](#) and a `waitTimeSeconds` input for long-polling behavior and avoiding duplicate recommendations.

Request Syntax

```
POST /assistants/assistantId/sessions/sessionId/recommendations/notify HTTP/1.1
Content-type: application/json
```

```
{
  "recommendationIds": [ "string" ]
}
```

URI Request Parameters

The request uses the following URI parameters.

[assistantId](#)

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

[sessionId](#)

The identifier of the session. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

recommendationIds

The identifiers of the recommendations.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 25 items.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "errors": [
    {
      "message": "string",
      "recommendationId": "string"
    }
  ],
  "recommendationIds": [ "string" ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

errors

The identifiers of recommendations that are causing errors.

Type: Array of [NotifyRecommendationsReceivedError](#) objects

recommendationIds

The identifiers of the recommendations.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 25 items.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)

- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutFeedback

Provides feedback against the specified assistant for the specified target. This API only supports generative targets.

Request Syntax

```
PUT /assistants/assistantId/feedback HTTP/1.1
Content-type: application/json
```

```
{
  "contentFeedback": { ... },
  "targetId": "string",
  "targetType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

contentFeedback

Information about the feedback provided.

Type: [ContentFeedbackData](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

targetId

The identifier of the feedback target.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

targetType

The type of the feedback target.

Type: String

Valid Values: RECOMMENDATION | RESULT | MESSAGE

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "assistantArn": "string",
  "assistantId": "string",
  "contentFeedback": { ... },
  "targetId": "string",
  "targetType": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[assistantArn](#)

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

[assistantId](#)

The identifier of the Amazon Q in Connect assistant.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

[contentFeedback](#)

Information about the feedback provided.

Type: [ContentFeedbackData](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

[targetId](#)

The identifier of the feedback target.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

[targetType](#)

The type of the feedback target.

Type: String

Valid Values: RECOMMENDATION | RESULT | MESSAGE

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

QueryAssistant

Important

This API will be discontinued starting June 1, 2024. To receive generative responses after March 1, 2024, you will need to create a new Assistant in the Connect Customer console and integrate the Amazon Q in Connect JavaScript library (amazon-q-connectjs) into your applications.

Performs a manual search against the specified assistant. To retrieve recommendations for an assistant, use [GetRecommendations](#).

Request Syntax

```
POST /assistants/assistantId/query HTTP/1.1
Content-type: application/json

{
  "maxResults": number,
  "nextToken": "string",
  "overrideKnowledgeBaseSearchType": "string",
  "queryCondition": [
    { ... }
  ],
  "queryInputData": { ... },
  "queryText": "string",
  "sessionId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$`

```
{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})){0,2}
```

Required: Yes

Request Body

The request accepts the following data in JSON format.

maxResults

The maximum number of results to return per page.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

overrideKnowledgeBaseSearchType

The search type to be used against the Knowledge Base for this request. The values can be SEMANTIC which uses vector embeddings or HYBRID which use vector embeddings and raw text.

Type: String

Valid Values: HYBRID | SEMANTIC

Required: No

queryCondition

Information about how to query content.

Type: Array of [QueryCondition](#) objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

queryInputData

Information about the query.

Type: [QueryInputData](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

queryText

The text to search for.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 512.

Required: No

sessionId

The identifier of the Amazon Q in Connect session. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: No

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "nextToken": "string",
  "results": [
    {
      "data": {
        "details": { ... },
        "reference": { ... }
      },
      "document": {
        "contentReference": {
          "contentArn": "string",
          "contentId": "string",
          "knowledgeBaseArn": "string",
          "knowledgeBaseId": "string",
          "referenceType": "string",
          "sourceURL": "string"
        },
        "excerpt": {
          "highlights": [
            {
              "beginOffsetInclusive": number,
              "endOffsetExclusive": number
            }
          ],
          "text": "string"
        },
        "title": {
          "highlights": [
            {
              "beginOffsetInclusive": number,
              "endOffsetExclusive": number
            }
          ],
          "text": "string"
        }
      },
      "relevanceScore": number,
      "resultId": "string",
    }
  ]
}
```

```
    "type": "string"  
  }  
]  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

nextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

results

The results of the query.

Type: Array of [ResultData](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

RequestTimeoutException

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 408

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

RemoveAssistantAIAgent

Removes the AI Agent that is set for use by default on an Amazon Q in Connect Assistant.

Request Syntax

```
DELETE /assistants/assistantId/aiagentConfiguration?  
aiAgentType=aiAgentType&orchestratorUseCase=orchestratorUseCase HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

aiAgentType

The type of the AI Agent being removed for use by default from the Amazon Q in Connect Assistant.

Valid Values: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE
| EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER |
ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

orchestratorUseCase

The orchestrator use case for the AI Agent being removed.

Length Constraints: Minimum length of 1. Maximum length of 4096.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

RemoveKnowledgeBaseTemplateUri

Removes a URI template from a knowledge base.

Request Syntax

```
DELETE /knowledgeBases/knowledgeBaseId/templateUri HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

RenderMessageTemplate

Renders the Amazon Q in Connect message template based on the attribute values provided and generates the message content. For any variable present in the message template, if the attribute value is neither provided in the attribute request parameter nor the default attribute of the message template, the rendered message content will keep the variable placeholder as it is and return the attribute keys that are missing.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId/render HTTP/1.1
Content-type: application/json
```

```
{
  "attributes": {
    "agentAttributes": {
      "firstName": "string",
      "lastName": "string"
    },
    "customAttributes": {
      "string" : "string"
    },
    "customerProfileAttributes": {
      "accountNumber": "string",
      "additionalInformation": "string",
      "address1": "string",
      "address2": "string",
      "address3": "string",
      "address4": "string",
      "billingAddress1": "string",
      "billingAddress2": "string",
      "billingAddress3": "string",
      "billingAddress4": "string",
      "billingCity": "string",
      "billingCountry": "string",
      "billingCounty": "string",
      "billingPostalCode": "string",
      "billingProvince": "string",
      "billingState": "string",
      "birthDate": "string",
      "businessEmailAddress": "string",
      "businessName": "string",
```

```
"businessPhoneNumber": "string",
"city": "string",
"country": "string",
"county": "string",
"custom": {
    "string" : "string"
},
"emailAddress": "string",
"firstName": "string",
"gender": "string",
"homePhoneNumber": "string",
"lastName": "string",
"mailingAddress1": "string",
"mailingAddress2": "string",
"mailingAddress3": "string",
"mailingAddress4": "string",
"mailingCity": "string",
"mailingCountry": "string",
"mailingCounty": "string",
"mailingPostalCode": "string",
"mailingProvince": "string",
"mailingState": "string",
"middleName": "string",
"mobilePhoneNumber": "string",
"partyType": "string",
"phoneNumber": "string",
"postalCode": "string",
"profileARN": "string",
"profileId": "string",
"province": "string",
"shippingAddress1": "string",
"shippingAddress2": "string",
"shippingAddress3": "string",
"shippingAddress4": "string",
"shippingCity": "string",
"shippingCountry": "string",
"shippingCounty": "string",
"shippingPostalCode": "string",
"shippingProvince": "string",
"shippingState": "string",
"state": "string"
},
"systemAttributes": {
    "customerEndpoint": {
```



```

        "address": "string"
      },
      "name": "string",
      "systemEndpoint": {
        "address": "string"
      }
    }
  }
}

```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_-$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_-$]+){0,1}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

attributes

An object that specifies the values to use for variables in the message template. This object contains different categories of key-value pairs. Each key defines a variable or placeholder in the message template. The corresponding value defines the value for that variable.

Type: [MessageTemplateAttributes](#) object

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "attachments": [
    {
      "attachmentId": "string",
      "contentDisposition": "string",
      "name": "string",
      "uploadedTime": "string",
      "url": "string",
      "urlExpiry": "string"
    }
  ],
  "attributesNotInterpolated": [ "string" ],
  "content": { ... },
  "sourceConfigurationSummary": { ... }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

attachments

The message template attachments.

Type: Array of [MessageTemplateAttachment](#) objects

attributesNotInterpolated

The attribute keys that are not resolved.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 32767.

content

The content of the message template.

Type: [MessageTemplateContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

sourceConfigurationSummary

The source configuration of the message template.

Type: [MessageTemplateSourceConfigurationSummary](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Retrieve

Retrieves content from knowledge sources based on a query.

Request Syntax

```
POST /assistants/assistantId/retrieve HTTP/1.1
Content-type: application/json

{
  "retrievalConfiguration": {
    "filter": { ... },
    "knowledgeSource": { ... },
    "numberOfResults": number,
    "overrideKnowledgeBaseSearchType": "string"
  },
  "retrievalQuery": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant for content retrieval.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

retrievalConfiguration

The configuration for the content retrieval operation.

Type: [RetrievalConfiguration](#) object

Required: Yes

[retrievalQuery](#)

The query for content retrieval.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "results": [
    {
      "associationId": "string",
      "contentText": "string",
      "referenceType": "string",
      "sourceId": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[results](#)

The results of the content retrieval operation.

Type: Array of [RetrieveResult](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

DependencyFailedException

The request failed because it depends on another request that failed.

HTTP Status Code: 424

RequestTimeoutException

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 408

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SearchContent

Searches for content in a specified knowledge base. Can be used to get a specific content resource by its name.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/search?maxResults=maxResults&nextToken=nextToken
HTTP/1.1
Content-type: application/json

{
  "searchExpression": {
    "filters": [
      {
        "field": "string",
        "operator": "string",
        "value": "string"
      }
    ]
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. This should not be a QUICK_RESPONSES type knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request accepts the following data in JSON format.

[searchExpression](#)

The search expression to filter results.

Type: [SearchExpression](#) object

Required: Yes

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "contentSummaries": [
    {
      "contentArn": "string",
      "contentId": "string",
      "contentType": "string",
      "knowledgeBaseArn": "string",
      "knowledgeBaseId": "string",
      "metadata": {
        "string" : "string"
      },
      "name": "string",
      "revisionId": "string",
      "status": "string",
      "tags": {
        "string" : "string"
      }
    }
  ]
}
```

```
    },  
    "title": "string"  
  }  
],  
"nextToken": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

contentSummaries

Summary information about the content.

Type: Array of [ContentSummary](#) objects

nextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SearchMessageTemplates

Searches for Amazon Q in Connect message templates in the specified knowledge base.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/search/messageTemplates?  
maxResults=maxResults&nextToken=nextToken HTTP/1.1  
Content-type: application/json
```

```
{  
  "searchExpression": {  
    "filters": [  
      {  
        "includeNoExistence": boolean,  
        "name": "string",  
        "operator": "string",  
        "values": [ "string" ]  
      }  
    ],  
    "orderOnField": {  
      "name": "string",  
      "order": "string"  
    },  
    "queries": [  
      {  
        "allowFuzziness": boolean,  
        "name": "string",  
        "operator": "string",  
        "priority": "string",  
        "values": [ "string" ]  
      }  
    ]  
  }  
}
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request accepts the following data in JSON format.

searchExpression

The search expression for querying the message template.

Type: [MessageTemplateSearchExpression](#) object

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Content-type: application/json

```
{
  "nextToken": "string",
  "results": [
    {
      "channel": "string",
      "channelSubtype": "string",
      "createdTime": "string",
      "description": "string",
      "groupingConfiguration": {
        "criteria": "string",
        "values": [ "string" ]
      },
      "isActive": boolean,
      "knowledgeBaseArn": "string",
      "knowledgeBaseId": "string",
      "language": "string",
      "lastModifiedBy": "string",
      "lastModifiedTime": "string",
      "messageTemplateArn": "string",
      "messageTemplateId": "string",
      "name": "string",
      "sourceConfigurationSummary": { ... },
      "tags": {
        "string" : "string"
      },
      "versionNumber": number
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

nextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

results

The results of the message template search.

Type: Array of [MessageTemplateSearchResultData](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SearchQuickResponses

Searches existing Amazon Q in Connect quick responses in an Amazon Q in Connect knowledge base.

Request Syntax

POST /knowledgeBases/*knowledgeBaseId*/search/quickResponses?

maxResults=*maxResults*&nextToken=*nextToken* HTTP/1.1

Content-type: application/json

```
{
  "attributes": {
    "string" : "string"
  },
  "searchExpression": {
    "filters": [
      {
        "includeNoExistence": boolean,
        "name": "string",
        "operator": "string",
        "values": [ "string" ]
      }
    ],
    "orderOnField": {
      "name": "string",
      "order": "string"
    },
    "queries": [
      {
        "allowFuzziness": boolean,
        "name": "string",
        "operator": "string",
        "priority": "string",
        "values": [ "string" ]
      }
    ]
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

[knowledgeBaseId](#)

The identifier of the knowledge base. This should be a QUICK_RESPONSES type knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

[maxResults](#)

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 4096.

Request Body

The request accepts the following data in JSON format.

[attributes](#)

The [user-defined Connect Customer contact attributes](#) to be resolved when search results are returned.

Type: String to string map

Required: No

searchExpression

The search expression for querying the quick response.

Type: [QuickResponseSearchExpression](#) object

Required: Yes

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "nextToken": "string",
  "results": [
    {
      "attributesInterpolated": [ "string" ],
      "attributesNotInterpolated": [ "string" ],
      "channels": [ "string" ],
      "contents": {
        "markdown": { ... },
        "plainText": { ... }
      },
      "contentType": "string",
      "createdTime": number,
      "description": "string",
      "groupingConfiguration": {
        "criteria": "string",
        "values": [ "string" ]
      },
      "isActive": boolean,
      "knowledgeBaseArn": "string",
      "knowledgeBaseId": "string",
      "language": "string",
      "lastModifiedBy": "string",
      "lastModifiedTime": number,
      "name": "string",
      "quickResponseArn": "string",
      "quickResponseId": "string",
      "shortcutKey": "string",
      "status": "string",
      "tags": {
```

```
        "string" : "string"  
      }  
    }  
  ]  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

[results](#)

The results of the quick response search.

Type: Array of [QuickResponseSearchResultData](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

RequestTimeoutException

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 408

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SearchSessions

Searches for sessions.

Request Syntax

```
POST /assistants/assistantId/searchSessions?maxResults=maxResults&nextToken=nextToken
HTTP/1.1
Content-type: application/json

{
  "searchExpression": {
    "filters": [
      {
        "field": "string",
        "operator": "string",
        "value": "string"
      }
    ]
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

[nextToken](#)

The token for the next set of results. Use the value returned in the previous response in the next request to retrieve the next set of results.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Request Body

The request accepts the following data in JSON format.

[searchExpression](#)

The search expression to filter results.

Type: [SearchExpression](#) object

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "nextToken": "string",
  "sessionSummaries": [
    {
      "assistantArn": "string",
      "assistantId": "string",
      "sessionArn": "string",
      "sessionId": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

nextToken

If there are additional results, this is the token for the next set of results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

sessionSummaries

Summary information about the sessions.

Type: Array of [SessionSummary](#) objects

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SendMessage

Submits a message to the Amazon Q in Connect session.

Request Syntax

POST /assistants/*assistantId*/sessions/*sessionId*/message HTTP/1.1

Content-type: application/json

```
{
  "aiAgentId": "string",
  "clientToken": "string",
  "configuration": {
    "generateChunkedMessage": boolean,
    "generateFillerMessage": boolean
  },
  "conversationContext": {
    "selfServiceConversationHistory": [
      {
        "botResponse": "string",
        "inputTranscript": "string",
        "timestamp": number,
        "turnNumber": number
      }
    ]
  },
  "message": {
    "value": { ... }
  },
  "metadata": {
    "string" : "string"
  },
  "orchestratorUseCase": "string",
  "originRequestId": "string",
  "type": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

sessionId

The identifier of the Amazon Q in Connect session.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

aiAgentId

The identifier of the AI Agent to use for processing the message.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: No

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

configuration

The configuration of the [SendMessage](#) request.

Type: [MessageConfiguration](#) object

Required: No

conversationContext

The conversation context before the Amazon Q in Connect session.

Type: [ConversationContext](#) object

Required: No

message

The message data to submit to the Amazon Q in Connect session.

Type: [MessageInput](#) object

Required: Yes

metadata

Additional metadata for the message.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 4096.

Value Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

orchestratorUseCase

The orchestrator use case for message processing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

originRequestId

Request identifier from the origin system, used for end-to-end tracing across spans.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

type

The message type.

Type: String

Valid Values: TEXT | TOOL_USE_RESULT

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "configuration": {
    "generateChunkedMessage": boolean,
    "generateFillerMessage": boolean
  },
  "nextMessageToken": "string",
  "requestMessageId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

configuration

The configuration of the [SendMessage](#) request.

Type: [MessageConfiguration](#) object

nextMessageToken

The token for the next message, used by `GetNextMessage`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

requestMessageId

The identifier of the submitted message.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a `Create` API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

DependencyFailedException

The request failed because it depends on another request that failed.

HTTP Status Code: 424

RequestTimeoutException

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 408

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartContentUpload

Get a URL to upload content to a knowledge base. To upload content, first make a PUT request to the returned URL with your file, making sure to include the required headers. Then use [CreateContent](#) to finalize the content creation process or [UpdateContent](#) to modify an existing resource. You can only upload content to a knowledge base of type CUSTOM.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/upload HTTP/1.1
Content-type: application/json

{
  "contentType": "string",
  "presignedUrlTimeToLive": number
}
```

URI Request Parameters

The request uses the following URI parameters.

[knowledgeBaseId](#)

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:([a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

[contentType](#)

The type of content to upload.

Type: String

Pattern: (text/(plain|html|csv))|(application/(pdf|vnd\.openxmlformats-officedocument\.wordprocessingml\.document))|(application/x\.wisdom-json;source=(salesforce|servicenow|zendesk))

Required: Yes

[presignedUrlTimeToLive](#)

The expected expiration time of the generated presigned URL, specified in minutes.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 60.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "headersToInclude": {
    "string" : "string"
  },
  "uploadId": "string",
  "url": "string",
  "urlExpiry": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[headersToInclude](#)

The headers to include in the upload.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 4096.

Value Length Constraints: Minimum length of 1. Maximum length of 4096.

uploadId

The identifier of the upload.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1200.

url

The URL of the upload.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

urlExpiry

The expiration time of the URL as an epoch timestamp.

Type: Timestamp

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

StartImportJob

Start an asynchronous job to import Amazon Q in Connect resources from an uploaded source file. Before calling this API, use [StartContentUpload](#) to upload an asset that contains the resource data.

- For importing Amazon Q in Connect quick responses, you need to upload a csv file including the quick responses. For information about how to format the csv file for importing quick responses, see [Import quick responses](#).

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/importJobs HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "externalSourceConfiguration": {
    "configuration": { ... },
    "source": "string"
  },
  "importJobType": "string",
  "metadata": {
    "string" : "string"
  },
  "uploadId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

[knowledgeBaseId](#)

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

- For importing Amazon Q in Connect quick responses, this should be a QUICK_RESPONSES type knowledge base.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`

`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]`

```
{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}))?{0,2}
```

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

The tags used to organize, track, or control access for this resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

externalSourceConfiguration

The configuration information of the external source that the resource data are imported from.

Type: [ExternalSourceConfiguration](#) object

Required: No

importJobType

The type of the import job.

- For importing quick response resource, set the value to QUICK_RESPONSES.

Type: String

Valid Values: QUICK_RESPONSES

Required: Yes

metadata

The metadata fields of the imported Amazon Q in Connect resources.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

Key Length Constraints: Minimum length of 1. Maximum length of 4096.

Value Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

uploadId

A pointer to the uploaded asset. This value is returned by [StartContentUpload](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1200.

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "importJob": {
    "createdTime": number,
    "externalSourceConfiguration": {
      "configuration": { ... },
      "source": "string"
    },
    "failedRecordReport": "string",
    "importJobId": "string",
    "importJobType": "string",
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "lastModifiedTime": number,
    "metadata": {
      "string" : "string"
    },
    "status": "string",
    "uploadId": "string",
    "url": "string",
    "urlExpiry": number
  }
}
```


Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

importJob

The import job.

Type: [ImportJobData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ServiceQuotaExceededException

You've exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use service quotas to request a service quota increase.

HTTP Status Code: 402

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Adds the specified tags to the specified resource.

Request Syntax

```
POST /tags/resourceArn HTTP/1.1
Content-type: application/json
```

```
{
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+-._: /]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

TooManyTagsException

Amazon Q in Connect throws this exception if you have too many tags in your tag set.

resourceName

The specified resource name.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Removes the specified tags from the specified resource.

Request Syntax

```
DELETE /tags/resourceArn?tagKeys=tagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

tagKeys

The tag keys.

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateAIAgent

Updates an AI Agent.

Request Syntax

```
POST /assistants/assistantId/aiagents/aiAgentId HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "configuration": { ... },
  "description": "string",
  "visibilityStatus": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

aiAgentId

The identifier of the Amazon Q in Connect AI Agent.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]{0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$$]{0,1}$)`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs..](#)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

configuration

The configuration of the Amazon Q in Connect AI Agent.

Type: [AIAgentConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

description

The description of the Amazon Q in Connect AI Agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_. , -]+.*`

Required: No

visibilityStatus

The visibility status of the Amazon Q in Connect AI Agent.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiAgent": {
    "aiAgentArn": "string",
    "aiAgentId": "string",
    "assistantArn": "string",
    "assistantId": "string",
    "configuration": { ... },
    "description": "string",
    "modifiedTime": number,
    "name": "string",
    "origin": "string",
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "type": "string",
    "visibilityStatus": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

aiAgent

The data of the updated Amazon Q in Connect AI Agent.

Type: [AIAgentData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateAIGuardrail

Updates an AI Guardrail.

Request Syntax

POST /assistants/*assistantId*/aiguadrails/*aiGuardrailId* HTTP/1.1

Content-type: application/json

```
{
  "blockedInputMessaging": "string",
  "blockedOutputsMessaging": "string",
  "clientToken": "string",
  "contentPolicyConfig": {
    "filtersConfig": [
      {
        "inputStrength": "string",
        "outputStrength": "string",
        "type": "string"
      }
    ]
  },
  "contextualGroundingPolicyConfig": {
    "filtersConfig": [
      {
        "threshold": number,
        "type": "string"
      }
    ]
  },
  "description": "string",
  "sensitiveInformationPolicyConfig": {
    "piiEntitiesConfig": [
      {
        "action": "string",
        "type": "string"
      }
    ]
  },
  "regexesConfig": [
    {
      "action": "string",
      "description": "string",
      "name": "string",

```

```

    "pattern": "string"
  }
],
{
  "topicPolicyConfig": {
    "topicsConfig": [
      {
        "definition": "string",
        "examples": [ "string" ],
        "name": "string",
        "type": "string"
      }
    ]
  },
  "visibilityStatus": "string",
  "wordPolicyConfig": {
    "managedWordListsConfig": [
      {
        "type": "string"
      }
    ],
    "wordsConfig": [
      {
        "text": "string"
      }
    ]
  }
}
}

```

URI Request Parameters

The request uses the following URI parameters.

aiGuardrailId

The identifier of the Amazon Q in Connect AI Guardrail.

```
Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}))){0,2}(:[A-Z0-9_$]+){0,1}
```

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

blockedInputMessaging

The message to return when the AI Guardrail blocks a prompt.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 500.

Required: Yes

blockedOutputsMessaging

The message to return when the AI Guardrail blocks a model response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 500.

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs..](#)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

contentPolicyConfig

The content filter policies to configure for the AI Guardrail.

Type: [AIGuardrailContentPolicyConfig](#) object

Required: No

contextualGroundingPolicyConfig

The contextual grounding policy configuration used to create an AI Guardrail.

Type: [AIGuardrailContextualGroundingPolicyConfig](#) object

Required: No

description

A description of the AI Guardrail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Required: No

sensitiveInformationPolicyConfig

The sensitive information policy to configure for the AI Guardrail.

Type: [AIGuardrailSensitiveInformationPolicyConfig](#) object

Required: No

topicPolicyConfig

The topic policies to configure for the AI Guardrail.

Type: [AIGuardrailTopicPolicyConfig](#) object

Required: No

visibilityStatus

The visibility status of the Amazon Q in Connect AI Guardrail.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

wordPolicyConfig

The word policy you configure for the AI Guardrail.

Type: [AIGuardrailWordPolicyConfig](#) object

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiGuardrail": {
    "aiGuardrailArn": "string",
    "aiGuardrailId": "string",
    "assistantArn": "string",
    "assistantId": "string",
    "blockedInputMessaging": "string",
    "blockedOutputsMessaging": "string",
    "contentPolicyConfig": {
      "filtersConfig": [
        {
          "inputStrength": "string",
          "outputStrength": "string",
          "type": "string"
        }
      ]
    },
    "contextualGroundingPolicyConfig": {
      "filtersConfig": [
        {
          "threshold": number,
          "type": "string"
        }
      ]
    }
  },
}
```

```
"description": "string",
"modifiedTime": number,
"name": "string",
"sensitiveInformationPolicyConfig": {
  "piiEntitiesConfig": [
    {
      "action": "string",
      "type": "string"
    }
  ],
  "regexesConfig": [
    {
      "action": "string",
      "description": "string",
      "name": "string",
      "pattern": "string"
    }
  ]
},
"status": "string",
"tags": {
  "string" : "string"
},
"topicPolicyConfig": {
  "topicsConfig": [
    {
      "definition": "string",
      "examples": [ "string" ],
      "name": "string",
      "type": "string"
    }
  ]
},
"visibilityStatus": "string",
"wordPolicyConfig": {
  "managedWordListsConfig": [
    {
      "type": "string"
    }
  ],
  "wordsConfig": [
    {
      "text": "string"
    }
  ]
}
```

```
    ]  
  }  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

aiGuardrail

The data of the updated Amazon Q in Connect AI Guardrail.

Type: [AIGuardrailData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateAIPrompt

Updates an AI Prompt.

Request Syntax

```
POST /assistants/assistantId/aiprompts/aiPromptId HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "clientToken": "string",
  "description": "string",
  "inferenceConfiguration": {
    "maxTokensToSample": number,
    "temperature": number,
    "topK": number,
    "topP": number
  },
  "modelId": "string",
  "templateConfiguration": { ... },
  "visibilityStatus": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

aiPromptId

The identifier of the Amazon Q in Connect AI Prompt.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_]+){0,1}\$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_]+){0,1}

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If not provided, the AWS SDK populates this field. For more information about idempotency, see [Making retries safe with idempotent APIs..](#)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

description

The description of the Amazon Q in Connect AI Prompt.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: No

inferenceConfiguration

The updated inference configuration for the AI Prompt.

Type: [AIPromptInferenceConfiguration](#) object

Required: No

modelId

The identifier of the model used for this AI Prompt.

Note

For information about which models are supported in each AWS Region, see [Supported models for system/custom prompts](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

templateConfiguration

The configuration of the prompt template for this AI Prompt.

Type: [AIPromptTemplateConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

visibilityStatus

The visibility status of the Amazon Q in Connect AI prompt.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "aiPrompt": {
```

```
"aiPromptArn": "string",
"aiPromptId": "string",
"apiFormat": "string",
"assistantArn": "string",
"assistantId": "string",
"description": "string",
"inferenceConfiguration": {
  "maxTokensToSample": number,
  "temperature": number,
  "topK": number,
  "topP": number
},
"modelId": "string",
"modifiedTime": number,
"name": "string",
"origin": "string",
"status": "string",
"tags": {
  "string" : "string"
},
"templateConfiguration": { ... },
"templateType": "string",
"type": "string",
"visibilityStatus": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[aiPrompt](#)

The data of the updated Amazon Q in Connect AI Prompt.

Type: [AIPromptData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateAssistantAIAgent

Updates the AI Agent that is set for use by default on an Amazon Q in Connect Assistant.

Request Syntax

```
POST /assistants/assistantId/aiagentConfiguration HTTP/1.1
Content-type: application/json
```

```
{
  "aiAgentType": "string",
  "configuration": {
    "aiAgentId": "string"
  },
  "orchestratorUseCase": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

aiAgentType

The type of the AI Agent being updated for use by default on the Amazon Q in Connect Assistant.

Type: String

Valid Values: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE
| EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER |
ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: Yes

configuration

The configuration of the AI Agent being updated for use by default on the Amazon Q in Connect Assistant.

Type: [AIAgentConfigurationData](#) object

Required: Yes

orchestratorUseCase

The orchestrator use case for the AI Agent being added.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "assistant": {
    "aiAgentConfiguration": {
      "string" : {
        "aiAgentId": "string"
      }
    },
    "assistantArn": "string",
    "assistantId": "string",
    "capabilityConfiguration": {
      "type": "string"
    }
  }
}
```

```
    },
    "description": "string",
    "integrationConfiguration": {
      "topicIntegrationArn": "string"
    },
    "name": "string",
    "orchestratorConfigurationList": [
      {
        "aiAgentId": "string",
        "orchestratorUseCase": "string"
      }
    ],
    "serverSideEncryptionConfiguration": {
      "kmsKeyId": "string"
    },
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "type": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

assistant

The assistant data.

Type: [AssistantData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateContent

Updates information about the content.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/contents/contentId HTTP/1.1
Content-type: application/json
```

```
{
  "metadata": {
    "string" : "string"
  },
  "overrideLinkOutUri": "string",
  "removeOverrideLinkOutUri": boolean,
  "revisionId": "string",
  "title": "string",
  "uploadId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

contentId

The identifier of the content. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base. This should not be a QUICK_RESPONSES type knowledge base. Can be either the ID or the ARN

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
`^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

```
{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})){0,2}
```

Required: Yes

Request Body

The request accepts the following data in JSON format.

metadata

A key/value map to store attributes without affecting tagging or recommendations. For example, when synchronizing data between an external system and Amazon Q in Connect, you can store an external version identifier as metadata to utilize for determining drift.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

Key Length Constraints: Minimum length of 1. Maximum length of 4096.

Value Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

overrideLinkOutUri

The URI for the article. If the knowledge base has a `templateUri`, setting this argument overrides it for this piece of content. To remove an existing `overrideLinkOutUri`, exclude this argument and set `removeOverrideLinkOutUri` to true.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

removeOverrideLinkOutUri

Unset the existing `overrideLinkOutUri` if it exists.

Type: Boolean

Required: No

revisionId

The revisionId of the content resource to update, taken from an earlier call to `GetContent`, `GetContentSummary`, `SearchContent`, or `ListContents`. If included, this argument acts as an optimistic lock to ensure content was not modified since it was last read. If it has been modified, this API throws a `PreconditionFailedException`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

title

The title of the content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

uploadId

A pointer to the uploaded asset. This value is returned by [StartContentUpload](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1200.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "content": {
    "contentArn": "string",
    "contentId": "string",
    "contentType": "string",
    "knowledgeBaseArn": "string",
```

```
"knowledgeBaseId": "string",
"linkOutUri": "string",
"metadata": {
  "string" : "string"
},
"name": "string",
"revisionId": "string",
"status": "string",
"tags": {
  "string" : "string"
},
"title": "string",
"url": "string",
"urlExpiry": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

content

The content.

Type: [ContentData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

PreconditionFailedException

The provided `revisionId` does not match, indicating the content has been modified since it was last read.

HTTP Status Code: 412

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateKnowledgeBaseTemplateUri

Updates the template URI of a knowledge base. This is only supported for knowledge bases of type EXTERNAL. Include a single variable in `${variable}` format; this interpolated by Amazon Q in Connect using ingested content. For example, if you ingest a Salesforce article, it has an Id value, and you can set the template URI to `https://myInstanceName.lightning.force.com/lightning/r/Knowledge__kav/*${Id}*/view`.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/templateUri HTTP/1.1
Content-type: application/json

{
  "templateUri": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. This should not be a QUICK_RESPONSES type knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

Request Body

The request accepts the following data in JSON format.

templateUri

The template URI to update.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "knowledgeBase": {
    "description": "string",
    "ingestionFailureReasons": [ "string" ],
    "ingestionStatus": "string",
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "knowledgeBaseType": "string",
    "lastContentModificationTime": number,
    "name": "string",
    "renderingConfiguration": {
      "templateUri": "string"
    },
    "serverSideEncryptionConfiguration": {
      "kmsKeyId": "string"
    },
    "sourceConfiguration": { ... },
    "status": "string",
    "tags": {
      "string" : "string"
    },
    "vectorIngestionConfiguration": {
      "chunkingConfiguration": {
        "chunkingStrategy": "string",
        "fixedSizeChunkingConfiguration": {
          "maxTokens": number,
          "overlapPercentage": number
        },
        "hierarchicalChunkingConfiguration": {
          "levelConfigurations": [
            {
              "maxTokens": number
            }
          ]
        }
      }
    }
  }
}
```

```

        }
      ],
      "overlapTokens": number
    },
    "semanticChunkingConfiguration": {
      "breakpointPercentileThreshold": number,
      "bufferSize": number,
      "maxTokens": number
    }
  },
  "parsingConfiguration": {
    "bedrockFoundationModelConfiguration": {
      "modelArn": "string",
      "parsingPrompt": {
        "parsingPromptText": "string"
      }
    },
    "parsingStrategy": "string"
  }
}

```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

knowledgeBase

The knowledge base to update.

Type: [KnowledgeBaseData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateMessageTemplate

Updates the Amazon Q in Connect message template. Partial update is supported. If any field is not supplied, it will remain unchanged for the message template that is referenced by the \$LATEST qualifier. Any modification will only apply to the message template that is referenced by the \$LATEST qualifier. The fields for all available versions will remain unchanged.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId HTTP/1.1
Content-type: application/json
```

```
{
  "content": { ... },
  "defaultAttributes": {
    "agentAttributes": {
      "firstName": "string",
      "lastName": "string"
    },
    "customAttributes": {
      "string" : "string"
    },
    "customerProfileAttributes": {
      "accountNumber": "string",
      "additionalInformation": "string",
      "address1": "string",
      "address2": "string",
      "address3": "string",
      "address4": "string",
      "billingAddress1": "string",
      "billingAddress2": "string",
      "billingAddress3": "string",
      "billingAddress4": "string",
      "billingCity": "string",
      "billingCountry": "string",
      "billingCounty": "string",
      "billingPostalCode": "string",
      "billingProvince": "string",
      "billingState": "string",
      "birthDate": "string",
      "businessEmailAddress": "string",
      "businessName": "string",
```



```
"businessPhoneNumber": "string",
"city": "string",
"country": "string",
"county": "string",
"custom": {
    "string" : "string"
},
"emailAddress": "string",
"firstName": "string",
"gender": "string",
"homePhoneNumber": "string",
"lastName": "string",
"mailingAddress1": "string",
"mailingAddress2": "string",
"mailingAddress3": "string",
"mailingAddress4": "string",
"mailingCity": "string",
"mailingCountry": "string",
"mailingCounty": "string",
"mailingPostalCode": "string",
"mailingProvince": "string",
"mailingState": "string",
"middleName": "string",
"mobilePhoneNumber": "string",
"partyType": "string",
"phoneNumber": "string",
"postalCode": "string",
"profileARN": "string",
"profileId": "string",
"province": "string",
"shippingAddress1": "string",
"shippingAddress2": "string",
"shippingAddress3": "string",
"shippingAddress4": "string",
"shippingCity": "string",
"shippingCountry": "string",
"shippingCounty": "string",
"shippingPostalCode": "string",
"shippingProvince": "string",
"shippingState": "string",
"state": "string"
},
"systemAttributes": {
    "customerEndpoint": {
```

```

        "address": "string"
      },
      "name": "string",
      "systemEndpoint": {
        "address": "string"
      }
    }
  },
  "language": "string",
  "sourceConfiguration": { ... }
}

```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN. It cannot contain any qualifier.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]{0,1})$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]{0,1})`

Required: Yes

Request Body

The request accepts the following data in JSON format.

content

The content of the message template.

Type: [MessageTemplateContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

defaultAttributes

An object that specifies the default values to use for variables in the message template. This object contains different categories of key-value pairs. Each key defines a variable or placeholder in the message template. The corresponding value defines the default value for that variable.

Type: [MessageTemplateAttributes](#) object

Required: No

language

The language code value for the language in which the quick response is written. The supported language codes include de_DE, en_US, es_ES, fr_FR, id_ID, it_IT, ja_JP, ko_KR, pt_BR, zh_CN, zh_TW

Type: String

Length Constraints: Minimum length of 2. Maximum length of 5.

Required: No

sourceConfiguration

The source configuration of the message template. Only set this argument for WHATSAPP channel subtype.

Type: [MessageTemplateSourceConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "messageTemplate": {
    "attributeTypes": [ "string" ],
    "channel": "string",
    "channelSubtype": "string",
    "content": { ... },
    "createdTime": "string",
    "defaultAttributes": {
      "agentAttributes": {
        "firstName": "string",
        "lastName": "string"
      },
      "customAttributes": {
        "string" : "string"
      },
      "customerProfileAttributes": {
        "accountNumber": "string",
        "additionalInformation": "string",
        "address1": "string",
        "address2": "string",
        "address3": "string",
        "address4": "string",
        "billingAddress1": "string",
        "billingAddress2": "string",
        "billingAddress3": "string",
        "billingAddress4": "string",
        "billingCity": "string",
        "billingCountry": "string",
        "billingCounty": "string",
        "billingPostalCode": "string",
        "billingProvince": "string",
        "billingState": "string",
        "birthDate": "string",
        "businessEmailAddress": "string",
        "businessName": "string",
```

```
"businessPhoneNumber": "string",
"city": "string",
"country": "string",
"county": "string",
"custom": {
    "string" : "string"
},
"emailAddress": "string",
"firstName": "string",
"gender": "string",
"homePhoneNumber": "string",
"lastName": "string",
"mailingAddress1": "string",
"mailingAddress2": "string",
"mailingAddress3": "string",
"mailingAddress4": "string",
"mailingCity": "string",
"mailingCountry": "string",
"mailingCounty": "string",
"mailingPostalCode": "string",
"mailingProvince": "string",
"mailingState": "string",
"middleName": "string",
"mobilePhoneNumber": "string",
"partyType": "string",
"phoneNumber": "string",
"postalCode": "string",
"profileARN": "string",
"profileId": "string",
"province": "string",
"shippingAddress1": "string",
"shippingAddress2": "string",
"shippingAddress3": "string",
"shippingAddress4": "string",
"shippingCity": "string",
"shippingCountry": "string",
"shippingCounty": "string",
"shippingPostalCode": "string",
"shippingProvince": "string",
"shippingState": "string",
"state": "string"
},
"systemAttributes": {
    "customerEndpoint": {
```

```
        "address": "string"
      },
      "name": "string",
      "systemEndpoint": {
        "address": "string"
      }
    }
  },
  "description": "string",
  "groupingConfiguration": {
    "criteria": "string",
    "values": [ "string" ]
  },
  "knowledgeBaseArn": "string",
  "knowledgeBaseId": "string",
  "language": "string",
  "lastModifiedBy": "string",
  "lastModifiedTime": "string",
  "messageTemplateArn": "string",
  "messageTemplateContentSha256": "string",
  "messageTemplateId": "string",
  "name": "string",
  "sourceConfigurationSummary": { ... },
  "tags": {
    "string" : "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

messageTemplate

The message template.

Type: [MessageTemplateData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateMessageTemplateMetadata

Updates the Amazon Q in Connect message template metadata. Note that any modification to the message template's name, description and grouping configuration will applied to the message template pointed by the \$LATEST qualifier and all available versions. Partial update is supported. If any field is not supplied, it will remain unchanged for the message template.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/messageTemplates/messageTemplateId/metadata
HTTP/1.1
Content-type: application/json

{
  "description": "string",
  "groupingConfiguration": {
    "criteria": "string",
    "values": [ "string" ]
  },
  "name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

messageTemplateId

The identifier of the message template. Can be either the ID or the ARN. It cannot contain any qualifier.

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_\$]+){0,1}\$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_\$]+){0,1}

Required: Yes

Request Body

The request accepts the following data in JSON format.

description

The description of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

groupingConfiguration

The configuration information of the grouping of Amazon Q in Connect users.

Type: [GroupingConfiguration](#) object

Required: No

name

The name of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "messageTemplate": {
    "attributeTypes": [ "string" ],
    "channel": "string",
    "channelSubtype": "string",
    "content": { ... },
    "createdTime": "string",
    "defaultAttributes": {
      "agentAttributes": {
        "firstName": "string",
        "lastName": "string"
      },
      "customAttributes": {
        "string" : "string"
      },
      "customerProfileAttributes": {
        "accountNumber": "string",
        "additionalInformation": "string",
        "address1": "string",
        "address2": "string",
        "address3": "string",
        "address4": "string",
        "billingAddress1": "string",
        "billingAddress2": "string",
        "billingAddress3": "string",
        "billingAddress4": "string",
        "billingCity": "string",
        "billingCountry": "string",
        "billingCounty": "string",
        "billingPostalCode": "string",
        "billingProvince": "string",
        "billingState": "string",
        "birthDate": "string",
        "businessEmailAddress": "string",
        "businessName": "string",
        "businessPhoneNumber": "string",
        "city": "string",
        "country": "string",
```

```
"county": "string",
"custom": {
  "string" : "string"
},
"emailAddress": "string",
"firstName": "string",
"gender": "string",
"homePhoneNumber": "string",
"lastName": "string",
"mailingAddress1": "string",
"mailingAddress2": "string",
"mailingAddress3": "string",
"mailingAddress4": "string",
"mailingCity": "string",
"mailingCountry": "string",
"mailingCounty": "string",
"mailingPostalCode": "string",
"mailingProvince": "string",
"mailingState": "string",
"middleName": "string",
"mobilePhoneNumber": "string",
"partyType": "string",
"phoneNumber": "string",
"postalCode": "string",
"profileARN": "string",
"profileId": "string",
"province": "string",
"shippingAddress1": "string",
"shippingAddress2": "string",
"shippingAddress3": "string",
"shippingAddress4": "string",
"shippingCity": "string",
"shippingCountry": "string",
"shippingCounty": "string",
"shippingPostalCode": "string",
"shippingProvince": "string",
"shippingState": "string",
"state": "string"
},
"systemAttributes": {
  "customerEndpoint": {
    "address": "string"
  },
  "name": "string",
```

```
        "systemEndpoint": {
            "address": "string"
        }
    },
    "description": "string",
    "groupingConfiguration": {
        "criteria": "string",
        "values": [ "string" ]
    },
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "language": "string",
    "lastModifiedBy": "string",
    "lastModifiedTime": "string",
    "messageTemplateArn": "string",
    "messageTemplateContentSha256": "string",
    "messageTemplateId": "string",
    "name": "string",
    "sourceConfigurationSummary": { ... },
    "tags": {
        "string" : "string"
    }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

messageTemplate

The message template.

Type: [MessageTemplateData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a Create API (such as `CreateAssistant`) that accepts name, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

ThrottlingException

The throttling limit has been exceeded.

HTTP Status Code: 400

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateQuickResponse

Updates an existing Amazon Q in Connect quick response.

Request Syntax

```
POST /knowledgeBases/knowledgeBaseId/quickResponses/quickResponseId HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "channels": [ "string" ],
  "content": { ... },
  "contentType": "string",
  "description": "string",
  "groupingConfiguration": {
    "criteria": "string",
    "values": [ "string" ]
  },
  "isActive": boolean,
  "language": "string",
  "name": "string",
  "removeDescription": boolean,
  "removeGroupingConfiguration": boolean,
  "removeShortcutKey": boolean,
  "shortcutKey": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

[quickResponseId](#)

The identifier of the quick response.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

[channels](#)

The Connect Customer contact channels this quick response applies to. The supported contact channel types include Chat.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

[content](#)

The updated content of the quick response.

Type: [QuickResponseDataProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

[contentType](#)

The media type of the quick response content.

- Use `application/x.quickresponse;format=plain` for quick response written in plain text.
- Use `application/x.quickresponse;format=markdown` for quick response written in richtext.

Type: String

Pattern: (application/x\.quickresponse;format=(plain|markdown))

Required: No

description

The updated description of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

groupingConfiguration

The updated grouping configuration of the quick response.

Type: [GroupingConfiguration](#) object

Required: No

isActive

Whether the quick response is active.

Type: Boolean

Required: No

language

The language code value for the language in which the quick response is written. The supported language codes include de_DE, en_US, es_ES, fr_FR, id_ID, it_IT, ja_JP, ko_KR, pt_BR, zh_CN, zh_TW

Type: String

Length Constraints: Minimum length of 2. Maximum length of 5.

Required: No

name

The name of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

removeDescription

Whether to remove the description from the quick response.

Type: Boolean

Required: No

removeGroupingConfiguration

Whether to remove the grouping configuration of the quick response.

Type: Boolean

Required: No

removeShortcutKey

Whether to remove the shortcut key of the quick response.

Type: Boolean

Required: No

shortcutKey

The shortcut key of the quick response. The value should be unique across the knowledge base.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "quickResponse": {
    "channels": [ "string" ],
    "contents": {
      "markdown": { ... },
      "plainText": { ... }
    },
    "contentType": "string",
    "createdTime": number,
    "description": "string",
    "groupingConfiguration": {
      "criteria": "string",
      "values": [ "string" ]
    },
    "isActive": boolean,
    "knowledgeBaseArn": "string",
    "knowledgeBaseId": "string",
    "language": "string",
    "lastModifiedBy": "string",
    "lastModifiedTime": number,
    "name": "string",
    "quickResponseArn": "string",
    "quickResponseId": "string",
    "shortcutKey": "string",
    "status": "string",
    "tags": {
      "string" : "string"
    }
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[quickResponse](#)

The quick response.

Type: [QuickResponseData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request could not be processed because of conflict in the current state of the resource. For example, if you're using a `Create` API (such as `CreateAssistant`) that accepts `name`, a conflicting resource (usually with the same name) is being created or mutated.

HTTP Status Code: 409

PreconditionFailedException

The provided `revisionId` does not match, indicating the content has been modified since it was last read.

HTTP Status Code: 412

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateSession

Updates a session. A session is a contextual container used for generating recommendations. Connect Customer updates the existing Amazon Q in Connect session for each contact on which Amazon Q in Connect is enabled.

Request Syntax

```
POST /assistants/assistantId/sessions/sessionId HTTP/1.1
Content-type: application/json
```

```
{
  "aiAgentConfiguration": {
    "string" : {
      "aiAgentId": "string"
    }
  },
  "description": "string",
  "orchestratorConfigurationList": [
    {
      "aiAgentId": "string",
      "orchestratorUseCase": "string"
    }
  ],
  "removeOrchestratorConfigurationList": boolean,
  "tagFilter": { ... }
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$`
^arn: `[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

sessionId

The identifier of the session. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

aiAgentConfiguration

The configuration of the AI Agents (mapped by AI Agent Type to AI Agent version) that should be used by Amazon Q in Connect for this Session.

Type: String to [AIAgentConfigurationData](#) object map

Valid Keys: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE
| EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER |
ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: No

description

The description.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: No

orchestratorConfigurationList

The updated list of orchestrator configurations for the session.

Type: Array of [OrchestratorConfigurationEntry](#) objects

Required: No

removeOrchestratorConfigurationList

The list of orchestrator configurations to remove from the session.

Type: Boolean

Required: No

tagFilter

An object that can be used to specify Tag conditions.

Type: [TagFilter](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "session": {
    "aiAgentConfiguration": {
      "string" : {
        "aiAgentId": "string"
      }
    },
    "description": "string",
    "integrationConfiguration": {
      "topicIntegrationArn": "string"
    },
    "name": "string",
    "orchestratorConfigurationList": [
```

```
{
  {
    "aiAgentId": "string",
    "orchestratorUseCase": "string"
  },
  "origin": "string",
  "sessionArn": "string",
  "sessionId": "string",
  "tagFilter": { ... },
  "tags": {
    "string" : "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

session

Information about the session.

Type: [SessionData](#) object

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UpdateSessionData

Updates the data stored on an Amazon Q in Connect Session.

Request Syntax

```
PATCH /assistants/assistantId/sessions/sessionId/data HTTP/1.1
Content-type: application/json
```

```
{
  "data": [
    {
      "key": "string",
      "value": { ... }
    }
  ],
  "namespace": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

sessionId

The identifier of the session. Can be either the ID or the ARN. URLs cannot contain the ARN.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

```
{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:|/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}))?{0,2}
```

Required: Yes

Request Body

The request accepts the following data in JSON format.

data

The data stored on the Amazon Q in Connect Session.

Type: Array of [RuntimeSessionData](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: Yes

namespace

The namespace into which the session data is stored. Supported namespaces are: Custom

Type: String

Valid Values: Custom

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "data": [
    {
      "key": "string",
      "value": { ... }
    }
  ],
```

```
"namespace": "string",  
"sessionArn": "string",  
"sessionId": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

data

Data stored in the session.

Type: Array of [RuntimeSessionData](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

namespace

The namespace into which the session data is stored. Supported namespaces are: Custom

Type: String

Valid Values: Custom

sessionArn

The Amazon Resource Name (ARN) of the session.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

sessionId

The identifier of the session.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ResourceNotFoundException

The specified resource does not exist.

resourceName

The specified resource name.

HTTP Status Code: 404

UnauthorizedException

You do not have permission to perform this action.

HTTP Status Code: 401

ValidationException

The input fails to satisfy the constraints specified by a service.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Data Types

The Amazon Q Connect API contains several data types that various actions use. This section describes each data type in detail.

Note

The order of each element in a data type structure is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- [AgentAttributes](#)
- [AIAgentConfiguration](#)
- [AIAgentConfigurationData](#)
- [AIAgentData](#)
- [AIAgentSummary](#)
- [AIAgentVersionSummary](#)
- [AIGuardrailAssessment](#)
- [AIGuardrailContentPolicyConfig](#)
- [AIGuardrailContextualGroundingPolicyConfig](#)
- [AIGuardrailData](#)
- [AIGuardrailSensitiveInformationPolicyConfig](#)
- [AIGuardrailSummary](#)
- [AIGuardrailTopicPolicyConfig](#)
- [AIGuardrailVersionSummary](#)
- [AIGuardrailWordPolicyConfig](#)
- [AIPromptData](#)
- [AIPromptInferenceConfiguration](#)
- [AIPromptSummary](#)
- [AIPromptTemplateConfiguration](#)
- [AIPromptVersionSummary](#)

- [AmazonConnectGuideAssociationData](#)
- [Annotation](#)
- [AnswerRecommendationAIAgentConfiguration](#)
- [AppIntegrationsConfiguration](#)
- [AssistantAssociationData](#)
- [AssistantAssociationInputData](#)
- [AssistantAssociationOutputData](#)
- [AssistantAssociationSummary](#)
- [AssistantCapabilityConfiguration](#)
- [AssistantData](#)
- [AssistantIntegrationConfiguration](#)
- [AssistantSummary](#)
- [AssociationConfiguration](#)
- [AssociationConfigurationData](#)
- [BedrockFoundationModelConfigurationForParsing](#)
- [CaseSummarizationAIAgentConfiguration](#)
- [CaseSummarizationChunkDataDetails](#)
- [CaseSummarizationInputData](#)
- [ChunkingConfiguration](#)
- [Citation](#)
- [CitationSpan](#)
- [Configuration](#)
- [ConnectConfiguration](#)
- [ContentAssociationContents](#)
- [ContentAssociationData](#)
- [ContentAssociationSummary](#)
- [ContentData](#)
- [ContentDataDetails](#)
- [ContentFeedbackData](#)
- [ContentReference](#)

- [ContentSummary](#)
- [ConversationContext](#)
- [ConversationState](#)
- [CustomerProfileAttributes](#)
- [DataDetails](#)
- [DataReference](#)
- [DataSummary](#)
- [Document](#)
- [DocumentText](#)
- [EmailGenerativeAnswerAIAgentConfiguration](#)
- [EmailGenerativeAnswerChunkDataDetails](#)
- [EmailHeader](#)
- [EmailMessageTemplateContent](#)
- [EmailMessageTemplateContentBody](#)
- [EmailOverviewAIAgentConfiguration](#)
- [EmailOverviewChunkDataDetails](#)
- [EmailResponseAIAgentConfiguration](#)
- [EmailResponseChunkDataDetails](#)
- [ExtendedMessageTemplateData](#)
- [ExternalBedrockKnowledgeBaseConfig](#)
- [ExternalSourceConfiguration](#)
- [Filter](#)
- [FilterAttribute](#)
- [FixedSizeChunkingConfiguration](#)
- [GenerativeChunkDataDetails](#)
- [GenerativeContentFeedbackData](#)
- [GenerativeDataDetails](#)
- [GenerativeReference](#)
- [GroupingConfiguration](#)
- [GuardrailContentFilterConfig](#)

- [GuardrailContextualGroundingFilterConfig](#)
- [GuardrailManagedWordsConfig](#)
- [GuardrailPiiEntityConfig](#)
- [GuardrailPolicyResult](#)
- [GuardrailRegexConfig](#)
- [GuardrailTopicConfig](#)
- [GuardrailWordConfig](#)
- [HierarchicalChunkingConfiguration](#)
- [HierarchicalChunkingLevelConfiguration](#)
- [Highlight](#)
- [ImportJobData](#)
- [ImportJobSummary](#)
- [IntentDetectedDataDetails](#)
- [IntentInputData](#)
- [KnowledgeBaseAssociationConfigurationData](#)
- [KnowledgeBaseAssociationData](#)
- [KnowledgeBaseData](#)
- [KnowledgeBaseSummary](#)
- [KnowledgeSource](#)
- [ManagedSourceConfiguration](#)
- [ManualSearchAIAgentConfiguration](#)
- [MessageConfiguration](#)
- [MessageData](#)
- [MessageInput](#)
- [MessageOutput](#)
- [MessageTemplateAttachment](#)
- [MessageTemplateAttributes](#)
- [MessageTemplateBodyContentProvider](#)
- [MessageTemplateContentProvider](#)
- [MessageTemplateData](#)

- [MessageTemplateFilterField](#)
- [MessageTemplateOrderField](#)
- [MessageTemplateQueryField](#)
- [MessageTemplateSearchExpression](#)
- [MessageTemplateSearchResultData](#)
- [MessageTemplateSourceConfiguration](#)
- [MessageTemplateSourceConfigurationSummary](#)
- [MessageTemplateSummary](#)
- [MessageTemplateVersionSummary](#)
- [ModelSummary](#)
- [NotesChunkDataDetails](#)
- [NotesDataDetails](#)
- [NoteTakingAIAgentConfiguration](#)
- [NotifyRecommendationsReceivedError](#)
- [OrchestrationAIAgentConfiguration](#)
- [OrchestratorConfigurationEntry](#)
- [OrCondition](#)
- [ParsingConfiguration](#)
- [ParsingPrompt](#)
- [PushADMMMessageTemplateContent](#)
- [PushAPNSMessageTemplateContent](#)
- [PushBaiduMessageTemplateContent](#)
- [PushFCMMessageTemplateContent](#)
- [PushMessageTemplateContent](#)
- [QueryCondition](#)
- [QueryConditionItem](#)
- [QueryInputData](#)
- [QueryRecommendationTriggerData](#)
- [QueryTextInputData](#)
- [QuickResponseContentProvider](#)

- [QuickResponseContents](#)
- [QuickResponseData](#)
- [QuickResponseDataProvider](#)
- [QuickResponseFilterField](#)
- [QuickResponseOrderField](#)
- [QuickResponseQueryField](#)
- [QuickResponseSearchExpression](#)
- [QuickResponseSearchResultData](#)
- [QuickResponseSummary](#)
- [RankingData](#)
- [RecommendationData](#)
- [RecommendationTrigger](#)
- [RecommendationTriggerData](#)
- [RenderingConfiguration](#)
- [ResultData](#)
- [RetrievalConfiguration](#)
- [RetrievalFilterConfiguration](#)
- [RetrieveResult](#)
- [RuntimeSessionData](#)
- [RuntimeSessionDataValue](#)
- [SearchExpression](#)
- [SeedUrl](#)
- [SelfServiceAIAgentConfiguration](#)
- [SelfServiceConversationHistory](#)
- [SemanticChunkingConfiguration](#)
- [ServerSideEncryptionConfiguration](#)
- [SessionData](#)
- [SessionIntegrationConfiguration](#)
- [SessionSummary](#)
- [SMSMessageTemplateContent](#)

- [SMSMessageTemplateContentBody](#)
- [SourceConfiguration](#)
- [SourceContentDataDetails](#)
- [Span](#)
- [SpanAttributes](#)
- [SpanCitation](#)
- [SpanGuardrailAssessment](#)
- [SpanMessage](#)
- [SpanMessageValue](#)
- [SpanReasoningValue](#)
- [SpanTextValue](#)
- [SpanToolResultValue](#)
- [SpanToolUseValue](#)
- [SuggestedMessageDataDetails](#)
- [SuggestedMessageReference](#)
- [SystemAttributes](#)
- [SystemEndpointAttributes](#)
- [TagCondition](#)
- [TagFilter](#)
- [TextData](#)
- [TextFullAIPromptEditTemplateConfiguration](#)
- [TextMessage](#)
- [ToolConfiguration](#)
- [ToolInstruction](#)
- [ToolOutputConfiguration](#)
- [ToolOutputFilter](#)
- [ToolOverrideConstantInputValue](#)
- [ToolOverrideInputValue](#)
- [ToolOverrideInputValueConfiguration](#)
- [ToolUseResultData](#)

- [UrlConfiguration](#)
- [UserInteractionConfiguration](#)
- [VectorIngestionConfiguration](#)
- [WebCrawlerConfiguration](#)
- [WebCrawlerLimits](#)
- [WhatsAppMessageTemplateContent](#)
- [WhatsAppMessageTemplateSourceConfiguration](#)
- [WhatsAppMessageTemplateSourceConfigurationSummary](#)

AgentAttributes

Information about an agent.

Contents

firstName

The agent's first name as entered in their Amazon Connect user account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

lastName

The agent's last name as entered in their Amazon Connect user account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIAgentConfiguration

A typed union that specifies the configuration based on the type of AI Agent.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

answerRecommendationAIAgentConfiguration

The configuration for AI Agents of type ANSWER_RECOMMENDATION.

Type: [AnswerRecommendationAIAgentConfiguration](#) object

Required: No

caseSummarizationAIAgentConfiguration

The configuration for AI Agents of type CASE_SUMMARIZATION.

Type: [CaseSummarizationAIAgentConfiguration](#) object

Required: No

emailGenerativeAnswerAIAgentConfiguration

Configuration for the EMAIL_GENERATIVE_ANSWER AI agent that provides comprehensive knowledge-based answers for customer queries.

Type: [EmailGenerativeAnswerAIAgentConfiguration](#) object

Required: No

emailOverviewAIAgentConfiguration

Configuration for the EMAIL_OVERVIEW AI agent that generates structured overview of email conversations.

Type: [EmailOverviewAIAgentConfiguration](#) object

Required: No

emailResponseAIAgentConfiguration

Configuration for the EMAIL_RESPONSE AI agent that generates professional email responses using knowledge base content.

Type: [EmailResponseAIAgentConfiguration](#) object

Required: No

manualSearchAIAgentConfiguration

The configuration for AI Agents of type MANUAL_SEARCH.

Type: [ManualSearchAIAgentConfiguration](#) object

Required: No

noteTakingAIAgentConfiguration

The configuration for AI Agents of type NOTE_TAKING.

Type: [NoteTakingAIAgentConfiguration](#) object

Required: No

orchestrationAIAgentConfiguration

The configuration for AI Agents of type ORCHESTRATION.

Type: [OrchestrationAIAgentConfiguration](#) object

Required: No

selfServiceAIAgentConfiguration

The configuration for AI Agents of type SELF_SERVICE.

Type: [SelfServiceAIAgentConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIAgentConfigurationData

A type that specifies the AI Agent ID configuration data when mapping an AI Agents to be used for an AI Agent type on a session or assistant.

Contents

aiAgentId

The ID of the AI Agent to be configured.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]{0,1})`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIAgentData

The data for the AI Agent.

Contents

aiAgentArn

The Amazon Resource Name (ARN) of the AI agent.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

aiAgentId

The identifier of the AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

configuration

Configuration for the AI Agent.

Type: [AIAgentConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

name

The name of the AI Agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

type

The type of the AI Agent.

Type: String

Valid Values: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE
| EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER |
ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: Yes

visibilityStatus

The visibility status of the AI Agent.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

description

The description of the AI Agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

modifiedTime

The time the AI Agent was last modified.

Type: Timestamp

Required: No

origin

Specifies the origin of the AI Agent. SYSTEM for a default AI Agent created by Q in Connect or CUSTOMER for an AI Agent created by calling AI Agent creation APIs.

Type: String

Valid Values: SYSTEM | CUSTOMER

Required: No

status

The status of the AI Agent.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | ACTIVE |
DELETE_IN_PROGRESS | DELETE_FAILED | DELETED

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+ -=._:/]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIAgentSummary

The summary of the AI Agent.

Contents

aiAgentArn

The Amazon Resource Name (ARN) of the AI agent.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

aiAgentId

The identifier of the AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

name

The name of the AI Agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

type

The type of the AI Agent.

Type: String

Valid Values: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE
| EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER |
ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: Yes

visibilityStatus

The visibility status of the AI Agent.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

configuration

The configuration for the AI Agent.

Type: [AIAgentConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

description

The description of the AI Agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

modifiedTime

The time the AI Agent was last modified.

Type: Timestamp

Required: No

origin

The origin of the AI Agent. SYSTEM for a default AI Agent created by Q in Connect or CUSTOMER for an AI Agent created by calling AI Agent creation APIs.

Type: String

Valid Values: SYSTEM | CUSTOMER

Required: No

status

The status of the AI Agent.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | ACTIVE |
DELETE_IN_PROGRESS | DELETE_FAILED | DELETED

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+ -=._:/]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIAgentVersionSummary

The summary of the AI Agent version.

Contents

aiAgentSummary

The data for the summary of the AI Agent version.

Type: [AIAgentSummary](#) object

Required: No

versionNumber

The version number for this AI Agent version.

Type: Long

Valid Range: Minimum value of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIGuardrailAssessment

The assessment information from the AI Guardrail.

Contents

blocked

Indicates whether the AI Guardrail blocked the content.

Type: Boolean

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIGuardrailContentPolicyConfig

Contains details about how to handle harmful content.

Contents

filtersConfig

Contains the type of the content filter and how strongly it should apply to prompts and model responses.

Type: Array of [GuardrailContentFilterConfig](#) objects

Array Members: Minimum number of 1 item. Maximum number of 6 items.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIGuardrailContextualGroundingPolicyConfig

The policy configuration details for the AI Guardrail's contextual grounding policy.

Contents

filtersConfig

The filter configuration details for the AI Guardrails contextual grounding policy.

Type: Array of [GuardrailContextualGroundingFilterConfig](#) objects

Array Members: Minimum number of 1 item.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIGuardrailData

The data for the AI Guardrail

Contents

aiGuardrailArn

The Amazon Resource Name (ARN) of the AI Guardrail.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

aiGuardrailId

The identifier of the Amazon Q in Connect AI Guardrail.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

blockedInputMessaging

The message to return when the AI Guardrail blocks a prompt.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 500.

Required: Yes

blockedOutputsMessaging

The message to return when the AI Guardrail blocks a model response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 500.

Required: Yes

name

The name of the AI Guardrail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_. , -]+.*

Required: Yes

visibilityStatus

The visibility status of the AI Guardrail.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

contentPolicyConfig

Contains details about how to handle harmful content.

Type: [AIGuardrailContentPolicyConfig](#) object

Required: No

contextualGroundingPolicyConfig

The policy configuration details for the AI Guardrail's contextual grounding policy.

Type: [AIGuardrailContextualGroundingPolicyConfig](#) object

Required: No

description

A description of the AI Guardrail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Required: No

modifiedTime

The time the AI Guardrail was last modified.

Type: Timestamp

Required: No

sensitiveInformationPolicyConfig

Contains details about PII entities and regular expressions to configure for the AI Guardrail.

Type: [AIGuardrailSensitiveInformationPolicyConfig](#) object

Required: No

status

The status of the AI Guardrail.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | ACTIVE | DELETE_IN_PROGRESS | DELETE_FAILED | DELETED

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+-. _:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

topicPolicyConfig

Contains details about topics that the AI Guardrail should identify and deny.

Type: [AIGuardrailTopicPolicyConfig](#) object

Required: No

wordPolicyConfig

Contains details about the word policy to configured for the AI Guardrail.

Type: [AIGuardrailWordPolicyConfig](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIGuardrailSensitiveInformationPolicyConfig

Contains details about PII entities and regular expressions to configure for the AI Guardrail.

Contents

piiEntitiesConfig

A list of PII entities to configure to the AI Guardrail.

Type: Array of [GuardrailPiiEntityConfig](#) objects

Array Members: Minimum number of 1 item.

Required: No

regexesConfig

A list of regular expressions to configure to the AI Guardrail.

Type: Array of [GuardrailRegexConfig](#) objects

Array Members: Minimum number of 1 item.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIGuardrailSummary

The summary of the AI Guardrail.

Contents

aiGuardrailArn

The Amazon Resource Name (ARN) of the AI Guardrail.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

aiGuardrailId

The identifier of the Amazon Q in Connect AI Guardrail.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

name

The name of the AI Guardrail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

visibilityStatus

The visibility status of the AI Guardrail.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

description

A description of the AI Guardrail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Required: No

modifiedTime

The time the AI Guardrail was last modified.

Type: Timestamp

Required: No

status

The status of the AI Guardrail.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | ACTIVE | DELETE_IN_PROGRESS | DELETE_FAILED | DELETED

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+ -=._:/]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIGuardrailTopicPolicyConfig

Contains details about topics that the AI Guardrail should identify and deny.

Contents

topicsConfig

A list of policies related to topics that the AI Guardrail should deny.

Type: Array of [GuardrailTopicConfig](#) objects

Array Members: Minimum number of 1 item.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIGuardrailVersionSummary

The summary of the AI Guardrail version.

Contents

aiGuardrailSummary

The data for the summary of the AI Guardrail version.

Type: [AIGuardrailSummary](#) object

Required: No

versionNumber

The version number for this AI Guardrail version.

Type: Long

Valid Range: Minimum value of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIGuardrailWordPolicyConfig

Contains details about the word policy to configured for the AI Guardrail.

Contents

managedWordListsConfig

A list of managed words to configure for the AI Guardrail.

Type: Array of [GuardrailManagedWordsConfig](#) objects

Required: No

wordsConfig

A list of words to configure for the AI Guardrail.

Type: Array of [GuardrailWordConfig](#) objects

Array Members: Minimum number of 1 item.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIPromptData

The data for the AI Prompt

Contents

aiPromptArn

The Amazon Resource Name (ARN) of the AI Prompt.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

aiPromptId

The identifier of the Amazon Q in Connect AI prompt.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

apiFormat

The API format used for this AI Prompt.

Type: String

Valid Values: ANTHROPIC_CLAUDE_MESSAGES | ANTHROPIC_CLAUDE_TEXT_COMPLETIONS | MESSAGES | TEXT_COMPLETIONS

Required: Yes

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

modelId

The identifier of the model used for this AI Prompt. The following model IDs are supported:

- `anthropic.claude-3-haiku--v1:0`
- `apac.amazon.nova-lite-v1:0`
- `apac.amazon.nova-micro-v1:0`
- `apac.amazon.nova-pro-v1:0`
- `apac.anthropic.claude-3-5-sonnet--v2:0`
- `apac.anthropic.claude-3-haiku-20240307-v1:0`
- `eu.amazon.nova-lite-v1:0`
- `eu.amazon.nova-micro-v1:0`
- `eu.amazon.nova-pro-v1:0`
- `eu.anthropic.claude-3-7-sonnet-20250219-v1:0`
- `eu.anthropic.claude-3-haiku-20240307-v1:0`
- `us.amazon.nova-lite-v1:0`
- `us.amazon.nova-micro-v1:0`
- `us.amazon.nova-pro-v1:0`
- `us.anthropic.claude-3-5-haiku-20241022-v1:0`
- `us.anthropic.claude-3-7-sonnet-20250219-v1:0`
- `us.anthropic.claude-3-haiku-20240307-v1:0`

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: Yes

name

The name of the AI Prompt

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_. , -]+.*`

Required: Yes

templateConfiguration

The configuration of the prompt template for this AI Prompt.

Type: [AIPromptTemplateConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

templateType

The type of the prompt template for this AI Prompt.

Type: String

Valid Values: TEXT

Required: Yes

type

The type of this AI Prompt.

Type: String

Valid Values: ANSWER_GENERATION | INTENT_LABELING_GENERATION
| QUERY_REFORMULATION | SELF_SERVICE_PRE_PROCESSING |
SELF_SERVICE_ANSWER_GENERATION | EMAIL_RESPONSE | EMAIL_OVERVIEW |

EMAIL_GENERATIVE_ANSWER | EMAIL_QUERY_REFORMULATION | ORCHESTRATION |
NOTE_TAKING | CASE_SUMMARIZATION

Required: Yes

visibilityStatus

The visibility status of the AI Prompt.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

description

The description of the AI Prompt.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

inferenceConfiguration

The configuration for inference parameters when using the AI Prompt.

Type: [AIPromptInferenceConfiguration](#) object

Required: No

modifiedTime

The time the AI Prompt was last modified.

Type: Timestamp

Required: No

origin

The origin of the AI Prompt. SYSTEM for a default AI Prompt created by Q in Connect or CUSTOMER for an AI Prompt created by calling AI Prompt creation APIs.

Type: String

Valid Values: SYSTEM | CUSTOMER

Required: No

status

The status of the AI Prompt.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | ACTIVE | DELETE_IN_PROGRESS | DELETE_FAILED | DELETED

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+-. _:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIPromptInferenceConfiguration

The configuration for inference parameters when using AI Prompts.

Contents

maxTokensToSample

The maximum number of tokens to generate in the response.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 4096.

Required: No

temperature

The temperature setting for controlling randomness in the generated response.

Type: Float

Valid Range: Minimum value of 0. Maximum value of 1.

Required: No

topK

The top-K sampling parameter for token selection.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 200.

Required: No

topP

The top-P sampling parameter for nucleus sampling.

Type: Float

Valid Range: Minimum value of 0. Maximum value of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AI Prompt Summary

The summary of the AI Prompt.

Contents

aiPromptArn

The Amazon Resource Name (ARN) of the AI Prompt.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

aiPromptId

The identifier of the Amazon Q in Connect AI prompt.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

apiFormat

The API format used for this AI Prompt.

Type: String

Valid Values: ANTHROPIC_CLAUDE_MESSAGES | ANTHROPIC_CLAUDE_TEXT_COMPLETIONS | MESSAGES | TEXT_COMPLETIONS

Required: Yes

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

modelId

The identifier of the model used for this AI Prompt. Model Ids supported are: `anthropic.claude-3-haiku-20240307-v1:0`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: Yes

name

The name of the AI Prompt.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

templateType

The type of the prompt template for this AI Prompt.

Type: String

Valid Values: TEXT

Required: Yes

type

The type of this AI Prompt.

Type: String

Valid Values: ANSWER_GENERATION | INTENT_LABELING_GENERATION
| QUERY_REFORMULATION | SELF_SERVICE_PRE_PROCESSING |
SELF_SERVICE_ANSWER_GENERATION | EMAIL_RESPONSE | EMAIL_OVERVIEW |
EMAIL_GENERATIVE_ANSWER | EMAIL_QUERY_REFORMULATION | ORCHESTRATION |
NOTE_TAKING | CASE_SUMMARIZATION

Required: Yes

visibilityStatus

The visibility status of the AI Prompt.

Type: String

Valid Values: SAVED | PUBLISHED

Required: Yes

description

The description of the AI Prompt.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

modifiedTime

The time the AI Prompt was last modified.

Type: Timestamp

Required: No

origin

The origin of the AI Prompt. SYSTEM for a default AI Prompt created by Q in Connect or CUSTOMER for an AI Prompt created by calling AI Prompt creation APIs.

Type: String

Valid Values: SYSTEM | CUSTOMER

Required: No

status

The status of the AI Prompt.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | ACTIVE | DELETE_IN_PROGRESS | DELETE_FAILED | DELETED

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+-. _:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIPromptTemplateConfiguration

A typed union that specifies the configuration for a prompt template based on its type.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

textFullAIPromptEditTemplateConfiguration

The configuration for a prompt template that supports full textual prompt configuration using a YAML prompt.

Type: [TextFullAIPromptEditTemplateConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AIPromptVersionSummary

The summary of the AI Prompt version.

Contents

aiPromptSummary

The date for the summary of the AI Prompt version.

Type: [AIPromptSummary](#) object

Required: No

versionNumber

The version number for this AI Prompt version.

Type: Long

Valid Range: Minimum value of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AmazonConnectGuideAssociationData

Content association data for a [step-by-step guide](#).

Contents

flowId

The Amazon Resource Name (ARN) of an Connect Customer flow. Step-by-step guides are a type of flow.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Annotation

An annotation that provides additional context or metadata.

Contents

destructiveHint

A hint indicating that the annotation contains potentially destructive content.

Type: Boolean

Required: No

title

The title of the annotation.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AnswerRecommendationAIAgentConfiguration

The configuration for the ANSWER_RECOMMENDATION AI Agent type.

Contents

answerGenerationAIGuardrailId

The AI Guardrail identifier for the Answer Generation Guardrail used by the ANSWER_RECOMMENDATION AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

answerGenerationAIPromptId

The AI Prompt identifier for the Answer Generation prompt used by the ANSWER_RECOMMENDATION AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

associationConfigurations

The association configurations for overriding behavior on this AI Agent.

Type: Array of [AssociationConfiguration](#) objects

Required: No

intentLabelingGenerationAIPromptId

The AI Prompt identifier for the Intent Labeling prompt used by the ANSWER_RECOMMENDATION AI Agent.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_\$\$]+){0,1}

Required: No

locale

The locale to which specifies the language and region settings that determine the response language for [QueryAssistant](#).

Note

For more information on supported locales, see [Language support for Amazon Q in Connect](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

queryReformulationAIPromptId

The AI Prompt identifier for the Query Reformulation prompt used by the ANSWER_RECOMMENDATION AI Agent.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_\$\$]+){0,1}

Required: No

suggestedMessages

The suggested messages configuration for the Answer Recommendation AI Agent.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AppIntegrationsConfiguration

Configuration information for Amazon AppIntegrations to automatically ingest content.

Contents

appIntegrationArn

The Amazon Resource Name (ARN) of the AppIntegrations DataIntegration to use for ingesting content.

- For [Salesforce](#), your AppIntegrations DataIntegration must have an ObjectConfiguration if objectFields is not provided, including at least Id, ArticleNumber, VersionNumber, Title, PublishStatus, and IsDeleted as source fields.
- For [ServiceNow](#), your AppIntegrations DataIntegration must have an ObjectConfiguration if objectFields is not provided, including at least number, short_description, sys_mod_count, workflow_state, and active as source fields.
- For [Zendesk](#), your AppIntegrations DataIntegration must have an ObjectConfiguration if objectFields is not provided, including at least id, title, updated_at, and draft as source fields.
- For [SharePoint](#), your AppIntegrations DataIntegration must have a FileConfiguration, including only file extensions that are among docx, pdf, html, htm, and txt.
- For [Amazon S3](#), the ObjectConfiguration and FileConfiguration of your AppIntegrations DataIntegration must be null. The SourceURI of your DataIntegration must use the following format: s3://your_s3_bucket_name.

Important

The bucket policy of the corresponding S3 bucket must allow the AWS principal app-integrations.amazonaws.com to perform s3:ListBucket, s3:GetObject, and s3:GetBucketLocation against the bucket.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+

Required: Yes

objectFields

The fields from the source that are made available to your agents in Amazon Q in Connect. Optional if ObjectConfiguration is included in the provided DataIntegration.

- For [Salesforce](#), you must include at least Id, ArticleNumber, VersionNumber, Title, PublishStatus, and IsDeleted.
- For [ServiceNow](#), you must include at least number, short_description, sys_mod_count, workflow_state, and active.
- For [Zendesk](#), you must include at least id, title, updated_at, and draft.

Make sure to include additional fields. These fields are indexed and used to source recommendations.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 100 items.

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssistantAssociationData

Information about the assistant association.

Contents

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantAssociationArn

The Amazon Resource Name (ARN) of the assistant association.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantAssociationId

The identifier of the assistant association.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

associationData

A union type that currently has a single argument, the knowledge base ID.

Type: [AssistantAssociationOutputData](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

associationType

The type of association.

Type: String

Valid Values: `KNOWLEDGE_BASE` | `EXTERNAL_BEDROCK_KNOWLEDGE_BASE`

Required: Yes

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssistantAssociationInputData

The data that is input into Amazon Q in Connect as a result of the assistant association.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

externalBedrockKnowledgeBaseConfig

The configuration for an external Bedrock knowledge base association.

Type: [ExternalBedrockKnowledgeBaseConfig](#) object

Required: No

knowledgeBaseId

The identifier of the knowledge base. This should not be a QUICK_RESPONSES type knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssistantAssociationOutputData

The data that is output as a result of the assistant association.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

externalBedrockKnowledgeBaseConfig

The configuration for an external Bedrock knowledge base association in the output data.

Type: [ExternalBedrockKnowledgeBaseConfig](#) object

Required: No

knowledgeBaseAssociation

The knowledge base where output data is sent.

Type: [KnowledgeBaseAssociationData](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssistantAssociationSummary

Summary information about the assistant association.

Contents

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantAssociationArn

The Amazon Resource Name (ARN) of the assistant association.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantAssociationId

The identifier of the assistant association.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

associationData

The association data.

Type: [AssistantAssociationOutputData](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

associationType

The type of association.

Type: String

Valid Values: KNOWLEDGE_BASE | EXTERNAL_BEDROCK_KNOWLEDGE_BASE

Required: Yes

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssistantCapabilityConfiguration

The capability configuration for an Amazon Q in Connect assistant.

Contents

type

The type of Amazon Q in Connect assistant capability.

Type: String

Valid Values: V1 | V2

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssistantData

The assistant data.

Contents

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

name

The name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

status

The status of the assistant.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | ACTIVE | DELETE_IN_PROGRESS | DELETE_FAILED | DELETED

Required: Yes

type

The type of assistant.

Type: String

Valid Values: AGENT

Required: Yes

aiAgentConfiguration

The configuration of the AI Agents (mapped by AI Agent Type to AI Agent version) that is set on the Amazon Q in Connect Assistant.

Type: String to [AIAgentConfigurationData](#) object map

Valid Keys: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE | EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER | ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: No

capabilityConfiguration

The configuration information for the Amazon Q in Connect assistant capability.

Type: [AssistantCapabilityConfiguration](#) object

Required: No

description

The description.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_. , -]+.*

Required: No

integrationConfiguration

The configuration information for the Amazon Q in Connect assistant integration.

Type: [AssistantIntegrationConfiguration](#) object

Required: No

orchestratorConfigurationList

The list of orchestrator configurations for the assistant.

Type: Array of [OrchestratorConfigurationEntry](#) objects

Required: No

serverSideEncryptionConfiguration

The configuration information for the customer managed key used for encryption.

This KMS key must have a policy that allows `kms:CreateGrant`, `kms:DescribeKey`, `kms:Decrypt`, and `kms:GenerateDataKey*` permissions to the IAM identity using the key to invoke Amazon Q in Connect. To use Amazon Q in Connect with chat, the key policy must also allow `kms:Decrypt`, `kms:GenerateDataKey*`, and `kms:DescribeKey` permissions to the `connect.amazonaws.com` service principal.

For more information about setting up a customer managed key for Amazon Q in Connect, see [Enable Amazon Q in Connect for your instance](#).

Type: [ServerSideEncryptionConfiguration](#) object

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssistantIntegrationConfiguration

The configuration information for the Amazon Q in Connect assistant integration.

Contents

topicIntegrationArn

The Amazon Resource Name (ARN) of the integrated Amazon SNS topic used for streaming chat messages.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssistantSummary

Summary information about the assistant.

Contents

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

name

The name of the assistant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

status

The status of the assistant.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | ACTIVE |
DELETE_IN_PROGRESS | DELETE_FAILED | DELETED

Required: Yes

type

The type of the assistant.

Type: String

Valid Values: AGENT

Required: Yes

aiAgentConfiguration

The configuration of the AI Agents (mapped by AI Agent Type to AI Agent version) that is set on the Amazon Q in Connect Assistant.

Type: String to [AIAgentConfigurationData](#) object map

Valid Keys: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE
| EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER |
ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: No

capabilityConfiguration

The configuration information for the Amazon Q in Connect assistant capability.

Type: [AssistantCapabilityConfiguration](#) object

Required: No

description

The description of the assistant.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

integrationConfiguration

The configuration information for the Amazon Q in Connect assistant integration.

Type: [AssistantIntegrationConfiguration](#) object

Required: No

orchestratorConfigurationList

The list of orchestrator configurations for the assistant.

Type: Array of [OrchestratorConfigurationEntry](#) objects

Required: No

serverSideEncryptionConfiguration

The configuration information for the customer managed key used for encryption.

This KMS key must have a policy that allows `kms:CreateGrant`, `kms:DescribeKey`, `kms:Decrypt`, and `kms:GenerateDataKey*` permissions to the IAM identity using the key to invoke Amazon Q in Connect. To use Amazon Q in Connect with chat, the key policy must also allow `kms:Decrypt`, `kms:GenerateDataKey*`, and `kms:DescribeKey` permissions to the `connect.amazonaws.com` service principal.

For more information about setting up a customer managed key for Amazon Q in Connect, see [Enable Amazon Q in Connect for your instance](#).

Type: [ServerSideEncryptionConfiguration](#) object

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

AssociationConfiguration

The configuration for an Amazon Q in Connect Assistant Association.

Contents

associationConfigurationData

The data of the configuration for an Amazon Q in Connect Assistant Association.

Type: [AssociationConfigurationData](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

associationId

The identifier of the association for this Association Configuration.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: No

associationType

The type of the association for this Association Configuration.

Type: String

Valid Values: KNOWLEDGE_BASE

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

AssociationConfigurationData

A typed union of the data of the configuration for an Amazon Q in Connect Assistant Association.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

knowledgeBaseAssociationConfigurationData

The data of the configuration for a KNOWLEDGE_BASE type Amazon Q in Connect Assistant Association.

Type: [KnowledgeBaseAssociationConfigurationData](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

BedrockFoundationModelConfigurationForParsing

Settings for a foundation model used to parse documents for a data source.

Contents

modelArn

The ARN of the foundation model.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:aws(-[^\:]+)?:bedrock:[a-z0-9-]{1,20}::foundation-model/anthropic.claude-3-haiku-20240307-v1:0`

Required: Yes

parsingPrompt

Instructions for interpreting the contents of a document.

Type: [ParsingPrompt](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CaseSummarizationAIAgentConfiguration

The configuration for AI Agents of type CASE_SUMMARIZATION.

Contents

caseSummarizationAIGuardrailId

The AI Guardrail identifier used by the Case Summarization AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

caseSummarizationAIPromptId

The AI Prompt identifier used by the Case Summarization AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

locale

The locale setting for the Case Summarization AI Agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CaseSummarizationChunkDataDetails

Details about case summarization chunk data.

Contents

completion

A chunk of the case summarization completion.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

nextChunkToken

Token for retrieving the next chunk of streaming summarization data, if available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CaseSummarizationInputData

Input data for case summarization.

Contents

caseArn

The Amazon Resource Name (ARN) of the case for summarization.

Type: String

Pattern: `arn:[a-z-]*?:cases:[a-z0-9-]*?:[0-9]{12}:domain/.{1,500}/case/[A-Za-z0-9\-. _/:#=-]{1,500}`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ChunkingConfiguration

Details about how to chunk the documents in the data source. A chunk refers to an excerpt from a data source that is returned when the knowledge base that it belongs to is queried.

Contents

chunkingStrategy

Knowledge base can split your source data into chunks. A chunk refers to an excerpt from a data source that is returned when the knowledge base that it belongs to is queried. You have the following options for chunking your data. If you opt for NONE, then you may want to pre-process your files by splitting them up such that each file corresponds to a chunk.

Type: String

Valid Values: FIXED_SIZE | NONE | HIERARCHICAL | SEMANTIC

Required: Yes

fixedSizeChunkingConfiguration

Configurations for when you choose fixed-size chunking. If you set the chunkingStrategy as NONE, exclude this field.

Type: [FixedSizeChunkingConfiguration](#) object

Required: No

hierarchicalChunkingConfiguration

Settings for hierarchical document chunking for a data source. Hierarchical chunking splits documents into layers of chunks where the first layer contains large chunks, and the second layer contains smaller chunks derived from the first layer.

Type: [HierarchicalChunkingConfiguration](#) object

Required: No

semanticChunkingConfiguration

Settings for semantic document chunking for a data source. Semantic chunking splits a document into smaller documents based on groups of similar content derived from the text with natural language processing.

Type: [SemanticChunkingConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Citation

A citation that references source content.

Contents

citationSpan

Contains information about where the text with a citation begins and ends in the generated output.

Type: [CitationSpan](#) object

Required: Yes

referenceType

A type to define the KB origin of a cited content

Type: String

Valid Values: WEB_CRAWLER | KNOWLEDGE_BASE | BEDROCK_KB_S3 | BEDROCK_KB_WEB | BEDROCK_KB_CONFLUENCE | BEDROCK_KB_SALESFORCE | BEDROCK_KB_SHAREPOINT | BEDROCK_KB_KENDRA | BEDROCK_KB_CUSTOM_DOCUMENT | BEDROCK_KB_SQL

Required: Yes

contentId

The identifier of the content being cited.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: No

knowledgeBaseId

The identifier of the knowledge base containing the cited content.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: No

sourceURL

The source URL for the citation.

Type: String

Required: No

title

The title of the cited content.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CitationSpan

Contains information about where the text with a citation begins and ends in the generated output.

Contents

beginOffsetInclusive

Where the text with a citation starts in the generated output.

Type: Integer

Required: No

endOffsetExclusive

Where the text with a citation ends in the generated output.

Type: Integer

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Configuration

The configuration information of the external data source.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

connectConfiguration

The configuration information of the Connect Customer data source.

Type: [ConnectConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConnectConfiguration

The configuration information of the Connect Customer data source.

Contents

instanceId

The identifier of the Connect Customer instance. You can find the instanceId in the ARN of the instance.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ContentAssociationContents

The contents of a content association.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

amazonConnectGuideAssociation

The data of the step-by-step guide association.

Type: [AmazonConnectGuideAssociationData](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ContentAssociationData

Information about the content association.

Contents

associationData

The content association.

Type: [ContentAssociationContents](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

associationType

The type of association.

Type: String

Valid Values: AMAZON_CONNECT_GUIDE

Required: Yes

contentArn

The Amazon Resource Name (ARN) of the content.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

contentAssociationArn

The Amazon Resource Name (ARN) of the content association.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

contentAssociationId

The identifier of the content association. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

contentId

The identifier of the content.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ContentAssociationSummary

Summary information about a content association.

Contents

associationData

The content association.

Type: [ContentAssociationContents](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

associationType

The type of association.

Type: String

Valid Values: AMAZON_CONNECT_GUIDE

Required: Yes

contentArn

The Amazon Resource Name (ARN) of the content.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

contentAssociationArn

The Amazon Resource Name (ARN) of the content association.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

contentAssociationId

The identifier of the content association. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

contentId

The identifier of the content.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ContentData

Information about the content.

Contents

contentArn

The Amazon Resource Name (ARN) of the content.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

contentId

The identifier of the content.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

contentType

The media type of the content.

Type: String

Pattern: `(text/(plain|html|csv))|(application/(pdf|vnd\.openxmlformats-officedocument\.wordprocessingml\.document))|(application/x\.wisdom-json;source=(salesforce|servicenow|zendesk))`

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

metadata

A key/value map to store attributes without affecting tagging or recommendations. For example, when synchronizing data between an external system and Amazon Q in Connect, you can store an external version identifier as metadata to utilize for determining drift.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

Key Length Constraints: Minimum length of 1. Maximum length of 4096.

Value Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

name

The name of the content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

revisionId

The identifier of the content revision.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

status

The status of the content.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | ACTIVE |
DELETE_IN_PROGRESS | DELETE_FAILED | DELETED | UPDATE_FAILED

Required: Yes

title

The title of the content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: Yes

url

The URL of the content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

urlExpiry

The expiration time of the URL as an epoch timestamp.

Type: Timestamp

Required: Yes

linkOutUri

The URI of the content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+-. _:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ContentDataDetails

Details about the content data.

Contents

rankingData

Details about the content ranking data.

Type: [RankingData](#) object

Required: Yes

textData

Details about the content text data.

Type: [TextData](#) object

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ContentFeedbackData

Information about the feedback.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

generativeContentFeedbackData

Information about the feedback for a generative target type.

Type: [GenerativeContentFeedbackData](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ContentReference

Reference information about the content.

Contents

contentArn

The Amazon Resource Name (ARN) of the content.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: No

contentId

The identifier of the content.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: No

knowledgeBaseId

The identifier of the knowledge base. This should not be a QUICK_RESPONSES type knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

referenceType

The type of reference content.

Type: String

Valid Values: `WEB_CRAWLER` | `KNOWLEDGE_BASE` | `BEDROCK_KB_S3` | `BEDROCK_KB_WEB` | `BEDROCK_KB_CONFLUENCE` | `BEDROCK_KB_SALESFORCE` | `BEDROCK_KB_SHAREPOINT` | `BEDROCK_KB_KENDRA` | `BEDROCK_KB_CUSTOM_DOCUMENT` | `BEDROCK_KB_SQL`

Required: No

sourceURL

The web URL of the source content.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ContentSummary

Summary information about the content.

Contents

contentArn

The Amazon Resource Name (ARN) of the content.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

contentId

The identifier of the content.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

contentType

The media type of the content.

Type: String

Pattern: `(text/(plain|html|csv))|(application/(pdf|vnd\.openxmlformats-officedocument\.wordprocessingml\.document))|(application/x\.wisdom-json;source=(salesforce|servicenow|zendesk))`

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base. This should not be a QUICK_RESPONSES type knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

metadata

A key/value map to store attributes without affecting tagging or recommendations. For example, when synchronizing data between an external system and Amazon Q in Connect, you can store an external version identifier as metadata to utilize for determining drift.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

Key Length Constraints: Minimum length of 1. Maximum length of 4096.

Value Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

name

The name of the content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_. , -]+.*`

Required: Yes

revisionId

The identifier of the revision of the content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

status

The status of the content.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | ACTIVE |
DELETE_IN_PROGRESS | DELETE_FAILED | DELETED | UPDATE_FAILED

Required: Yes

title

The title of the content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: Yes

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+ -=._:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConversationContext

The conversation context to include in SendMessage.

Contents

selfServiceConversationHistory

The self service conversation history before the Amazon Q in Connect session.

Type: Array of [SelfServiceConversationHistory](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ConversationState

The conversation state associated to a message.

Contents

status

The status of the conversation state.

Type: String

Valid Values: CLOSED | READY | PROCESSING

Required: Yes

reason

The reason of the conversation state.

Type: String

Valid Values: SUCCESS | FAILED | REJECTED

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

CustomerProfileAttributes

The customer profile attributes that are used with the message template.

Contents

accountNumber

A unique account number that you have given to the customer.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

additionalInformation

Any additional information relevant to the customer's profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

address1

The first line of a customer address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

address2

The second line of a customer address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

address3

The third line of a customer address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

address4

The fourth line of a customer address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

billingAddress1

The first line of a customer's billing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

billingAddress2

The second line of a customer's billing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

billingAddress3

The third line of a customer's billing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

billingAddress4

The fourth line of a customer's billing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

billingCity

The city of a customer's billing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

billingCountry

The country of a customer's billing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

billingCounty

The county of a customer's billing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

billingPostalCode

The postal code of a customer's billing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

billingProvince

The province of a customer's billing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

billingState

The state of a customer's billing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

birthDate

The customer's birth date.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

businessEmailAddress

The customer's business email address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

businessName

The name of the customer's business.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

businessPhoneNumber

The customer's business phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

city

The city in which a customer lives.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

country

The country in which a customer lives.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

county

The county in which a customer lives.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

custom

The custom attributes in customer profile attributes.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 32767.

Value Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

emailAddress

The customer's email address, which has not been specified as a personal or business address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

firstName

The customer's first name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

gender

The customer's gender.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

homePhoneNumber

The customer's mobile phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

lastName

The customer's last name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mailingAddress1

The first line of a customer's mailing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mailingAddress2

The second line of a customer's mailing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mailingAddress3

The third line of a customer's mailing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mailingAddress4

The fourth line of a customer's mailing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mailingCity

The city of a customer's mailing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mailingCountry

The country of a customer's mailing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mailingCounty

The county of a customer's mailing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mailingPostalCode

The postal code of a customer's mailing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mailingProvince

The province of a customer's mailing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mailingState

The state of a customer's mailing address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

middleName

The customer's middle name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

mobilePhoneNumber

The customer's mobile phone number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

partyType

The customer's party type.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

phoneNumber

The customer's phone number, which has not been specified as a mobile, home, or business number.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

postalCode

The postal code of a customer address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

profileARN

The ARN of a customer profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

profileId

The unique identifier of a customer profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

province

The province in which a customer lives.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

shippingAddress1

The first line of a customer's shipping address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

shippingAddress2

The second line of a customer's shipping address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

shippingAddress3

The third line of a customer's shipping address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

shippingAddress4

The fourth line of a customer's shipping address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

shippingCity

The city of a customer's shipping address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

shippingCountry

The country of a customer's shipping address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

shippingCounty

The county of a customer's shipping address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

shippingPostalCode

The postal code of a customer's shipping address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

shippingProvince

The province of a customer's shipping address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

shippingState

The state of a customer's shipping address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

state

The state in which a customer lives.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DataDetails

Details about the data.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

caseSummarizationChunkData

Details about case summarization chunk data.

Type: [CaseSummarizationChunkDataDetails](#) object

Required: No

contentData

Details about the content data.

Type: [ContentDataDetails](#) object

Required: No

emailGenerativeAnswerChunkData

Streaming chunk data for email generative answers containing partial knowledge-based response content.

Type: [EmailGenerativeAnswerChunkDataDetails](#) object

Required: No

emailOverviewChunkData

Streaming chunk data for email overview containing partial overview content.

Type: [EmailOverviewChunkDataDetails](#) object

Required: No

emailResponseChunkData

Streaming chunk data for email response generation containing partial response content.

Type: [EmailResponseChunkDataDetails](#) object

Required: No

generativeChunkData

Details about the generative chunk data.

Type: [GenerativeChunkDataDetails](#) object

Required: No

generativeData

Details about the generative data.

Type: [GenerativeDataDetails](#) object

Required: No

intentDetectedData

Details about the intent data.

Type: [IntentDetectedDataDetails](#) object

Required: No

notesChunkData

Details about notes chunk data.

Type: [NotesChunkDataDetails](#) object

Required: No

notesData

Details about notes data.

Type: [NotesDataDetails](#) object

Required: No

sourceContentData

Details about the content data.

Type: [SourceContentDataDetails](#) object

Required: No

suggestedMessageData

Details about suggested message data.

Type: [SuggestedMessageDataDetails](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DataReference

Reference data.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

contentReference

Reference information about the content.

Type: [ContentReference](#) object

Required: No

generativeReference

Reference information about the generative content.

Type: [GenerativeReference](#) object

Required: No

suggestedMessageReference

Reference information for suggested messages.

Type: [SuggestedMessageReference](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DataSummary

Summary of the data.

Contents

details

Details about the data.

Type: [DataDetails](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

reference

Reference information about the content.

Type: [DataReference](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Document

The document.

Contents

contentReference

A reference to the content resource.

Type: [ContentReference](#) object

Required: Yes

excerpt

The excerpt from the document.

Type: [DocumentText](#) object

Required: No

title

The title of the document.

Type: [DocumentText](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

DocumentText

The text of the document.

Contents

highlights

Highlights in the document text.

Type: Array of [Highlight](#) objects

Required: No

text

Text in the document.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EmailGenerativeAnswerAIAgentConfiguration

Configuration settings for the EMAIL_GENERATIVE_ANSWER AI agent including prompts, locale, and knowledge base associations.

Contents

associationConfigurations

Configuration settings for knowledge base associations used by the email generative answer agent.

Type: Array of [AssociationConfiguration](#) objects

Required: No

emailGenerativeAnswerAIPromptId

The ID of the System AI prompt used for generating comprehensive knowledge-based answers from email queries.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

emailQueryReformulationAIPromptId

The ID of the System AI prompt used for reformulating email queries to optimize knowledge base search results.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

locale

The locale setting for language-specific email processing and response generation (for example, en_US, es_ES).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EmailGenerativeAnswerChunkDataDetails

Details of streaming chunk data for email generative answers including completion text and references.

Contents

completion

The partial or complete text content of the generative answer response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

nextChunkToken

Token for retrieving the next chunk of streaming response data, if available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

references

Source references and citations from knowledge base articles used to generate the answer.

Type: Array of [DataSummary](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

EmailHeader

The email header to include in email messages.

Contents

name

The name of the email header.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 126.

Pattern: [!-9;-@A-~]+

Required: No

value

The value of the email header.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 870.

Pattern: .*[-~]*.*

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EmailMessageTemplateContent

The content of the message template that applies to the email channel subtype.

Contents

body

The body to use in email messages.

Type: [EmailMessageTemplateContentBody](#) object

Required: No

headers

The email headers to include in email messages.

Type: Array of [EmailHeader](#) objects

Array Members: Minimum number of 0 items. Maximum number of 15 items.

Required: No

subject

The subject line, or title, to use in email messages.

Type: String

Length Constraints: Minimum length of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EmailMessageTemplateContentBody

The body to use in email messages.

Contents

html

The message body, in HTML format, to use in email messages that are based on the message template. We recommend using HTML format for email clients that render HTML content. You can include links, formatted text, and more in an HTML message.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

plainText

The message body, in plain text format, to use in email messages that are based on the message template. We recommend using plain text format for email clients that don't render HTML content and clients that are connected to high-latency networks, such as mobile devices.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EmailOverviewAIAgentConfiguration

Configuration settings for the EMAIL_OVERVIEW AI agent including prompt ID and locale settings.

Contents

emailOverviewAIPromptId

The ID of the System AI prompt used for generating structured email conversation summaries.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]+){0,1}`

Required: No

locale

The locale setting for language-specific email overview processing (for example, en_US, es_ES).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EmailOverviewChunkDataDetails

Details of streaming chunk data for email overview including completion text and pagination tokens.

Contents

completion

The partial or complete overview text content in structured HTML format with customer issues, resolutions, and next steps.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

nextChunkToken

Token for retrieving the next chunk of streaming overview data, if available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EmailResponseAIAgentConfiguration

Configuration settings for the EMAIL_RESPONSE AI agent including prompts, locale, and knowledge base associations.

Contents

associationConfigurations

Configuration settings for knowledge base associations used by the email response agent.

Type: Array of [AssociationConfiguration](#) objects

Required: No

emailQueryReformulationAIPromptId

The ID of the System AI prompt used for reformulating email queries to optimize knowledge base search for response generation.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

emailResponseAIPromptId

The ID of the System AI prompt used for generating professional email responses based on knowledge base content.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

locale

The locale setting for language-specific email response generation (for example, en_US, es_ES).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

EmailResponseChunkDataDetails

Details of streaming chunk data for email responses including completion text and pagination tokens.

Contents

completion

The partial or complete professional email response text with appropriate greetings and closings.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

nextChunkToken

Token for retrieving the next chunk of streaming response data, if available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ExtendedMessageTemplateData

The extended data of a message template.

Contents

channelSubtype

The channel subtype this message template applies to.

Type: String

Valid Values: EMAIL | SMS | WHATSAPP | PUSH

Required: Yes

createdTime

The timestamp when the message template was created.

Type: Timestamp

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

lastModifiedBy

The Amazon Resource Name (ARN) of the user who last updated the message template data.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]*?:[a-z-]*?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: Yes

lastModifiedTime

The timestamp when the message template data was last modified.

Type: Timestamp

Required: Yes

messageTemplateArn

The Amazon Resource Name (ARN) of the message template.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:([a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}))?{0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

messageTemplateContentSha256

The checksum value of the message template content that is referenced by the `$LATEST` qualifier. It can be returned in `MessageTemplateData` or `ExtendedMessageTemplateData`. It's calculated by content, language, `defaultAttributes` and `Attachments` of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9]+`

Required: Yes

messageTemplateId

The identifier of the message template.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

name

The name of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: Yes

attachments

The message template attachments.

Type: Array of [MessageTemplateAttachment](#) objects

Required: No

attributeTypes

The types of attributes contain the message template.

Type: Array of strings

Valid Values: SYSTEM | AGENT | CUSTOMER_PROFILE | CUSTOM

Required: No

channel

The channel of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

content

The content of the message template.

Type: [MessageTemplateContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

defaultAttributes

An object that specifies the default values to use for variables in the message template. This object contains different categories of key-value pairs. Each key defines a variable or placeholder in the message template. The corresponding value defines the default value for that variable.

Type: [MessageTemplateAttributes](#) object

Required: No

description

The description of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: No

groupingConfiguration

The configuration information of the grouping of Amazon Q in Connect users.

Type: [GroupingConfiguration](#) object

Required: No

isActive

Whether the version of the message template is activated.

Type: Boolean

Required: No

language

The language code value for the language in which the quick response is written. The supported language codes include de_DE, en_US, es_ES, fr_FR, id_ID, it_IT, ja_JP, ko_KR, pt_BR, zh_CN, zh_TW

Type: String

Length Constraints: Minimum length of 2. Maximum length of 5.

Required: No

sourceConfigurationSummary

The source configuration summary of the message template.

Type: [MessageTemplateSourceConfigurationSummary](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

versionNumber

The version number of the message template version.

Type: Long

Valid Range: Minimum value of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ExternalBedrockKnowledgeBaseConfig

Configuration for an external Bedrock knowledge base.

Contents

accessRoleArn

The Amazon Resource Name (ARN) of the IAM role used to access the external Bedrock knowledge base.

Type: String

Length Constraints: Minimum length of 32. Maximum length of 2048.

Pattern: `arn:aws:iam:[0-9]{12}:role/(?:(?:service-role/)?[a-zA-Z0-9_+=, .@-]{1,64}`

Required: Yes

bedrockKnowledgeBaseArn

The Amazon Resource Name (ARN) of the external Bedrock knowledge base.

Type: String

Length Constraints: Minimum length of 47. Maximum length of 128.

Pattern: `arn:aws(|-cn|-us-gov):bedrock:[a-zA-Z0-9-]*:[0-9]{12}:knowledge-base/[0-9a-zA-Z]+`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ExternalSourceConfiguration

The configuration information of the external data source.

Contents

configuration

The configuration information of the external data source.

Type: [Configuration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

source

The type of the external data source.

Type: String

Valid Values: AMAZON_CONNECT

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Filter

A search filter.

Contents

field

The field on which to filter.

Type: String

Valid Values: NAME

Required: Yes

operator

The operator to use for comparing the field's value with the provided value.

Type: String

Valid Values: EQUALS

Required: Yes

value

The desired field value on which to filter.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

FilterAttribute

An attribute used for filtering.

Contents

key

The key of the filter attribute.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

value

The value of the filter attribute.

Type: JSON value

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

FixedSizeChunkingConfiguration

Configurations for when you choose fixed-size chunking. If you set the chunkingStrategy as NONE, exclude this field.

Contents

maxTokens

The maximum number of tokens to include in a chunk.

Type: Integer

Valid Range: Minimum value of 1.

Required: Yes

overlapPercentage

The percentage of overlap between adjacent chunks of a data source.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 99.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GenerativeChunkDataDetails

Details about the generative chunk data.

Contents

completion

A chunk of the LLM response.

Type: String

Required: No

nextChunkToken

The token for the next set of chunks. Use the value returned in the previous response in the next request to retrieve the next set of chunks.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

references

The references used to generate the LLM response.

Type: Array of [DataSummary](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GenerativeContentFeedbackData

The feedback information for a generative target type.

Contents

relevance

The relevance of the feedback.

Type: String

Valid Values: HELPFUL | NOT_HELPFUL

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GenerativeDataDetails

Details about generative data.

Contents

completion

The LLM response.

Type: String

Required: Yes

rankingData

Details about the generative content ranking data.

Type: [RankingData](#) object

Required: Yes

references

The references used to generative the LLM response.

Type: Array of [DataSummary](#) objects

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GenerativeReference

Reference information about generative content.

Contents

generationId

The identifier of the LLM model.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

modelId

The identifier of the LLM model.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GroupingConfiguration

The configuration information of the grouping of Amazon Q in Connect users.

Contents

criteria

The criteria used for grouping Amazon Q in Connect users.

The following is the list of supported criteria values.

- **RoutingProfileArn**: Grouping the users by their [Amazon Connect routing profile ARN](#). User should have [SearchRoutingProfile](#) and [DescribeRoutingProfile](#) permissions when setting criteria to this value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

values

The list of values that define different groups of Amazon Q in Connect users.

- When setting **criteria** to **RoutingProfileArn**, you need to provide a list of ARNs of [Connect Customer routing profiles](#) as values of this parameter.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

GuardrailContentFilterConfig

Contains filter strengths for harmful content. AI Guardrail's support the following content filters to detect and filter harmful user inputs and FM-generated outputs.

- **Hate:** Describes input prompts and model responses that discriminate, criticize, insult, denounce, or dehumanize a person or group on the basis of an identity (such as race, ethnicity, gender, religion, sexual orientation, ability, and national origin).
- **Insults:** Describes input prompts and model responses that includes demeaning, humiliating, mocking, insulting, or belittling language. This type of language is also labeled as bullying.
- **Sexual:** Describes input prompts and model responses that indicates sexual interest, activity, or arousal using direct or indirect references to body parts, physical traits, or sex.
- **Violence:** Describes input prompts and model responses that includes glorification of, or threats to inflict physical pain, hurt, or injury toward a person, group, or thing.

Content filtering depends on the confidence classification of user inputs and FM responses across each of the four harmful categories. All input and output statements are classified into one of four confidence levels (NONE, LOW, MEDIUM, HIGH) for each harmful category. For example, if a statement is classified as *Hate* with HIGH confidence, the likelihood of the statement representing hateful content is high. A single statement can be classified across multiple categories with varying confidence levels. For example, a single statement can be classified as *Hate* with HIGH confidence, *Insults* with LOW confidence, *Sexual* with NONE confidence, and *Violence* with MEDIUM confidence.

Contents

inputStrength

The strength of the content filter to apply to prompts. As you increase the filter strength, the likelihood of filtering harmful content increases and the probability of seeing harmful content in your application reduces.

Type: String

Valid Values: NONE | LOW | MEDIUM | HIGH

Required: Yes

outputStrength

The strength of the content filter to apply to model responses. As you increase the filter strength, the likelihood of filtering harmful content increases and the probability of seeing harmful content in your application reduces.

Type: String

Valid Values: NONE | LOW | MEDIUM | HIGH

Required: Yes

type

The harmful category that the content filter is applied to.

Type: String

Valid Values: SEXUAL | VIOLENCE | HATE | INSULTS | MISCONDUCT | PROMPT_ATTACK

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GuardrailContextualGroundingFilterConfig

The filter configuration details for the AI Guardrail's contextual grounding filter.

Contents

threshold

The threshold details for the AI Guardrail's contextual grounding filter.

Type: Double

Valid Range: Minimum value of 0.

Required: Yes

type

The filter type for the AI Guardrail's contextual grounding filter.

Type: String

Valid Values: GROUNDING | RELEVANCE

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GuardrailManagedWordsConfig

The managed word list to configure for the AI Guardrail.

Contents

type

The managed word type to configure for the AI Guardrail.

Type: String

Valid Values: PROFANITY

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GuardrailPiiEntityConfig

The PII entity to configure for the AI Guardrail.

Contents

action

Configure AI Guardrail's action when the PII entity is detected.

Type: String

Valid Values: BLOCK | ANONYMIZE

Required: Yes

type

Configure AI Guardrail type when the PII entity is detected.

The following PII types are used to block or mask sensitive information:

- **General**

- **ADDRESS**

A physical address, such as "100 Main Street, Anytown, USA" or "Suite #12, Building 123". An address can include information such as the street, building, location, city, state, country, county, zip code, precinct, and neighborhood.

- **AGE**

An individual's age, including the quantity and unit of time. For example, in the phrase "I am 40 years old," Guardrails recognizes "40 years" as an age.

- **NAME**

An individual's name. This entity type does not include titles, such as Dr., Mr., Mrs., or Miss. AI Guardrail doesn't apply this entity type to names that are part of organizations or addresses. For example, AI Guardrail recognizes the "John Doe Organization" as an organization, and it recognizes "Jane Doe Street" as an address.

- **EMAIL**

An email address, such as *marymajor@email.com*.

- **PHONE**

A phone number. This entity type also includes fax and pager numbers.

- **USERNAME**

A user name that identifies an account, such as a login name, screen name, nick name, or handle.

- **PASSWORD**

An alphanumeric string that is used as a password, such as `"* very20special#pass*"`.

- **DRIVER_ID**

The number assigned to a driver's license, which is an official document permitting an individual to operate one or more motorized vehicles on a public road. A driver's license number consists of alphanumeric characters.

- **LICENSE_PLATE**

A license plate for a vehicle is issued by the state or country where the vehicle is registered. The format for passenger vehicles is typically five to eight digits, consisting of upper-case letters and numbers. The format varies depending on the location of the issuing state or country.

- **VEHICLE_IDENTIFICATION_NUMBER**

A Vehicle Identification Number (VIN) uniquely identifies a vehicle. VIN content and format are defined in the *ISO 3779* specification. Each country has specific codes and formats for VINs.

- **Finance**

- **CREDIT_DEBIT_CARD_CVV**

A three-digit card verification code (CVV) that is present on VISA, MasterCard, and Discover credit and debit cards. For American Express credit or debit cards, the CVV is a four-digit numeric code.

- **CREDIT_DEBIT_CARD_EXPIRY**

The expiration date for a credit or debit card. This number is usually four digits long and is often formatted as *month/year* or *MM/YY*. AI Guardrail recognizes expiration dates such as *01/21*, *01/2021*, and *Jan 2021*.

- **CREDIT_DEBIT_CARD_NUMBER**

The number for a credit or debit card. These numbers can vary from 13 to 16 digits in length. However, Amazon Comprehend also recognizes credit or debit card numbers when only the last four digits are present.

- **PIN**

A four-digit personal identification number (PIN) with which you can access your bank account.

- **INTERNATIONAL_BANK_ACCOUNT_NUMBER**

An International Bank Account Number has specific formats in each country. For more information, see www.iban.com/structure.

- **SWIFT_CODE**

A SWIFT code is a standard format of Bank Identifier Code (BIC) used to specify a particular bank or branch. Banks use these codes for money transfers such as international wire transfers.

SWIFT codes consist of eight or 11 characters. The 11-digit codes refer to specific branches, while eight-digit codes (or 11-digit codes ending in 'XXX') refer to the head or primary office.

- **IT**

- **IP_ADDRESS**

An IPv4 address, such as *198.51.100.0*.

- **MAC_ADDRESS**

A *media access control* (MAC) address is a unique identifier assigned to a network interface controller (NIC).

- **URL**

A web address, such as *www.example.com*.

- **AWS_ACCESS_KEY**

A unique identifier that's associated with a secret access key; you use the access key ID and secret access key to sign programmatic AWS requests cryptographically.

- **AWS_SECRET_KEY**

A unique identifier that's associated with an access key. You use the access key ID and secret access key to sign programmatic AWS requests cryptographically.

- **USA specific**

- **US_BANK_ACCOUNT_NUMBER**

A US bank account number, which is typically 10 to 12 digits long.

- **US_BANK_ROUTING_NUMBER**

A US bank account routing number. These are typically nine digits long,

- **US_INDIVIDUAL_TAX_IDENTIFICATION_NUMBER**

A US Individual Taxpayer Identification Number (ITIN) is a nine-digit number that starts with a "9" and contain a "7" or "8" as the fourth digit. An ITIN can be formatted with a space or a dash after the third and forth digits.

- **US_PASSPORT_NUMBER**

A US passport number. Passport numbers range from six to nine alphanumeric characters.

- **US_SOCIAL_SECURITY_NUMBER**

A US Social Security Number (SSN) is a nine-digit number that is issued to US citizens, permanent residents, and temporary working residents.

- **Canada specific**

- **CA_HEALTH_NUMBER**

A Canadian Health Service Number is a 10-digit unique identifier, required for individuals to access healthcare benefits.

- **CA_SOCIAL_INSURANCE_NUMBER**

A Canadian Social Insurance Number (SIN) is a nine-digit unique identifier, required for individuals to access government programs and benefits.

The SIN is formatted as three groups of three digits, such as 123-456-789. A SIN can be validated through a simple check-digit process called the [Luhn algorithm](#).

- **UK Specific**

A UK National Health Service Number is a 10-17 digit number, such as 485 555 3456. The current system formats the 10-digit number with spaces after the third and sixth digits. The final digit is an error-detecting checksum.

- **UK_NATIONAL_INSURANCE_NUMBER**

A UK National Insurance Number (NINO) provides individuals with access to National Insurance (social security) benefits. It is also used for some purposes in the UK tax system.

The number is nine digits long and starts with two letters, followed by six numbers and one letter. A NINO can be formatted with a space or a dash after the two letters and after the second, forth, and sixth digits.

- **UK_UNIQUE_TAXPAYER_REFERENCE_NUMBER**

A UK Unique Taxpayer Reference (UTR) is a 10-digit number that identifies a taxpayer or a business.

- **Custom**

- **Regex filter** - You can use a regular expressions to define patterns for an AI Guardrail to recognize and act upon such as serial number, booking ID etc..

Type: String

Valid Values: ADDRESS | AGE | AWS_ACCESS_KEY | AWS_SECRET_KEY | CA_HEALTH_NUMBER | CA_SOCIAL_INSURANCE_NUMBER | CREDIT_DEBIT_CARD_CVV | CREDIT_DEBIT_CARD_EXPIRY | CREDIT_DEBIT_CARD_NUMBER | DRIVER_ID | EMAIL | INTERNATIONAL_BANK_ACCOUNT_NUMBER | IP_ADDRESS | LICENSE_PLATE | MAC_ADDRESS | NAME | PASSWORD | PHONE | PIN | SWIFT_CODE | UK_NATIONAL_HEALTH_SERVICE_NUMBER | UK_NATIONAL_INSURANCE_NUMBER | UK_UNIQUE_TAXPAYER_REFERENCE_NUMBER | URL | USERNAME | US_BANK_ACCOUNT_NUMBER | US_BANK_ROUTING_NUMBER | US_INDIVIDUAL_TAX_IDENTIFICATION_NUMBER | US_PASSPORT_NUMBER | US_SOCIAL_SECURITY_NUMBER | VEHICLE_IDENTIFICATION_NUMBER

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GuardrailPolicyResult

Per-policy guardrail assessment result. Captures which policy triggered, its outcome, and a policy-specific detail string.

Contents

action

Outcome of this specific policy.

Type: String

Valid Values: NONE | BLOCKED | MASKED

Required: Yes

policyType

The type of guardrail policy that was evaluated.

Type: String

Valid Values: CONTENT_FILTER | TOPIC | WORD | SENSITIVE_INFORMATION_PII | SENSITIVE_INFORMATION_REGEX | CONTEXTUAL_GROUNDING

Required: Yes

details

Policy-specific detail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GuardrailRegexConfig

The regular expression to configure for the AI Guardrail.

Contents

action

The AI Guardrail action to configure when matching regular expression is detected.

Type: String

Valid Values: BLOCK | ANONYMIZE

Required: Yes

name

The name of the regular expression to configure for the AI Guardrail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

pattern

The regular expression pattern to configure for the AI Guardrail.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

description

The description of the regular expression to configure for the AI Guardrail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GuardrailTopicConfig

Details about topics for the AI Guardrail to identify and deny.

Contents

definition

A definition of the topic to deny.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 200.

Required: Yes

name

The name of the topic to deny.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [0-9a-zA-Z- _ !? .]+

Required: Yes

type

Specifies to deny the topic.

Type: String

Valid Values: DENY

Required: Yes

examples

A list of prompts, each of which is an example of a prompt that can be categorized as belonging to the topic.

Type: Array of strings

Array Members: Minimum number of 0 items.

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

GuardrailWordConfig

A word to configure for the AI Guardrail.

Contents

text

Text of the word configured for the AI Guardrail to block.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

HierarchicalChunkingConfiguration

Settings for hierarchical document chunking for a data source. Hierarchical chunking splits documents into layers of chunks where the first layer contains large chunks, and the second layer contains smaller chunks derived from the first layer.

Contents

levelConfigurations

Token settings for each layer.

Type: Array of [HierarchicalChunkingLevelConfiguration](#) objects

Array Members: Fixed number of 2 items.

Required: Yes

overlapTokens

The number of tokens to repeat across chunks in the same layer.

Type: Integer

Valid Range: Minimum value of 1.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

HierarchicalChunkingLevelConfiguration

Token settings for each layer.

Contents

maxTokens

The maximum number of tokens that a chunk can contain in this layer.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 8192.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Highlight

Offset specification to describe highlighting of document excerpts for rendering search results and recommendations.

Contents

beginOffsetInclusive

The offset for the start of the highlight.

Type: Integer

Required: No

endOffsetExclusive

The offset for the end of the highlight.

Type: Integer

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ImportJobData

Summary information about the import job.

Contents

createdTime

The timestamp when the import job was created.

Type: Timestamp

Required: Yes

importJobId

The identifier of the import job.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

importJobType

The type of the import job.

Type: String

Valid Values: QUICK_RESPONSES

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

lastModifiedTime

The timestamp when the import job data was last modified.

Type: Timestamp

Required: Yes

status

The status of the import job.

Type: String

Valid Values: START_IN_PROGRESS | FAILED | COMPLETE | DELETE_IN_PROGRESS | DELETE_FAILED | DELETED

Required: Yes

uploadId

A pointer to the uploaded asset. This value is returned by [StartContentUpload](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1200.

Required: Yes

url

The download link to the resource file that is uploaded to the import job.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

urlExpiry

The expiration time of the URL as an epoch timestamp.

Type: Timestamp

Required: Yes

externalSourceConfiguration

The configuration information of the external data source.

Type: [ExternalSourceConfiguration](#) object

Required: No

failedRecordReport

The link to download the information of resource data that failed to be imported.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

metadata

The metadata fields of the imported Amazon Q in Connect resources.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

Key Length Constraints: Minimum length of 1. Maximum length of 4096.

Value Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ImportJobSummary

Summary information about the import job.

Contents

createdTime

The timestamp when the import job was created.

Type: Timestamp

Required: Yes

importJobId

The identifier of the import job.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

importJobType

The type of import job.

Type: String

Valid Values: QUICK_RESPONSES

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

lastModifiedTime

The timestamp when the import job was last modified.

Type: Timestamp

Required: Yes

status

The status of the import job.

Type: String

Valid Values: START_IN_PROGRESS | FAILED | COMPLETE | DELETE_IN_PROGRESS | DELETE_FAILED | DELETED

Required: Yes

uploadId

A pointer to the uploaded asset. This value is returned by [StartContentUpload](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1200.

Required: Yes

externalSourceConfiguration

The configuration information of the external source that the resource data are imported from.

Type: [ExternalSourceConfiguration](#) object

Required: No

metadata

The metadata fields of the imported Amazon Q in Connect resources.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 10 items.

Key Length Constraints: Minimum length of 1. Maximum length of 4096.

Value Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

IntentDetectedDataDetails

Details about the detected intent.

Contents

intent

The detected intent.

Type: String

Required: Yes

intentId

The identifier of the detected intent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

relevanceLevel

The relevance level of the detected intent.

Type: String

Valid Values: HIGH | MEDIUM | LOW

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

IntentInputData

Information about the Amazon Q intent.

Contents

intentId

The identifier of the Amazon Q intent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

KnowledgeBaseAssociationConfigurationData

The data of the configuration for a KNOWLEDGE_BASE type Amazon Q in Connect Assistant Association.

Contents

contentTagFilter

An object that can be used to specify Tag conditions.

Type: [TagFilter](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

maxResults

The maximum number of results to return per page.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

overrideKnowledgeBaseSearchType

The search type to be used against the Knowledge Base for this request. The values can be SEMANTIC which uses vector embeddings or HYBRID which use vector embeddings and raw text

Type: String

Valid Values: HYBRID | SEMANTIC

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

KnowledgeBaseAssociationData

Association information about the knowledge base.

Contents

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: No

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

KnowledgeBaseData

Information about the knowledge base.

Contents

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

knowledgeBaseType

The type of knowledge base.

Type: String

Valid Values: `EXTERNAL | CUSTOM | QUICK_RESPONSES | MESSAGE_TEMPLATES | MANAGED`

Required: Yes

name

The name of the knowledge base.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

status

The status of the knowledge base.

Type: String

Valid Values: `CREATE_IN_PROGRESS` | `CREATE_FAILED` | `ACTIVE` | `DELETE_IN_PROGRESS` | `DELETE_FAILED` | `DELETED`

Required: Yes

description

The description.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: No

ingestionFailureReasons

List of failure reasons on ingestion per file.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

ingestionStatus

Status of ingestion on data source.

Type: String

Valid Values: `SYNC_FAILED` | `SYNCING_IN_PROGRESS` | `SYNC_SUCCESS` | `CREATE_IN_PROGRESS`

Required: No

lastContentModificationTime

An epoch timestamp indicating the most recent content modification inside the knowledge base. If no content exists in a knowledge base, this value is unset.

Type: Timestamp

Required: No

renderingConfiguration

Information about how to render the content.

Type: [RenderingConfiguration](#) object

Required: No

serverSideEncryptionConfiguration

The configuration information for the customer managed key used for encryption.

This KMS key must have a policy that allows `kms:CreateGrant`, `kms:DescribeKey`, `kms:Decrypt`, and `kms:GenerateDataKey*` permissions to the IAM identity using the key to invoke Amazon Q in Connect.

For more information about setting up a customer managed key for Amazon Q in Connect, see [Enable Amazon Q in Connect for your instance](#).

Type: [ServerSideEncryptionConfiguration](#) object

Required: No

sourceConfiguration

Source configuration information about the knowledge base.

Type: [SourceConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

vectorIngestionConfiguration

Contains details about how to ingest the documents in a data source.

Type: [VectorIngestionConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

KnowledgeBaseSummary

Summary information about the knowledge base.

Contents

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

knowledgeBaseType

The type of knowledge base.

Type: String

Valid Values: `EXTERNAL | CUSTOM | QUICK_RESPONSES | MESSAGE_TEMPLATES | MANAGED`

Required: Yes

name

The name of the knowledge base.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

status

The status of the knowledge base summary.

Type: String

Valid Values: `CREATE_IN_PROGRESS` | `CREATE_FAILED` | `ACTIVE` | `DELETE_IN_PROGRESS` | `DELETE_FAILED` | `DELETED`

Required: Yes

description

The description of the knowledge base.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: No

renderingConfiguration

Information about how to render the content.

Type: [RenderingConfiguration](#) object

Required: No

serverSideEncryptionConfiguration

The configuration information for the customer managed key used for encryption.

This KMS key must have a policy that allows `kms:CreateGrant`, `kms:DescribeKey`, `kms:Decrypt`, and `kms:GenerateDataKey*` permissions to the IAM identity using the key to invoke Amazon Q in Connect.

For more information about setting up a customer managed key for Amazon Q in Connect, see [Enable Amazon Q in Connect for your instance](#).

Type: [ServerSideEncryptionConfiguration](#) object

Required: No

sourceConfiguration

Configuration information about the external data source.

Type: [SourceConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+-. _:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

vectorIngestionConfiguration

Contains details about how to ingest the documents in a data source.

Type: [VectorIngestionConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

KnowledgeSource

A knowledge source that provides content for recommendations.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

assistantAssociationIds

The list of assistant association identifiers for the knowledge source.

Type: Array of strings

Array Members: Fixed number of 1 item.

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}$|`
^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ManagedSourceConfiguration

Source configuration for managed resources.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

webCrawlerConfiguration

Configuration data for web crawler data source.

Type: [WebCrawlerConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ManualSearchAIAgentConfiguration

The configuration for the MANUAL_SEARCH AI Agent type.

Contents

answerGenerationAIGuardrailId

The AI Guardrail identifier for the Answer Generation guardrail used by the MANUAL_SEARCH AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

answerGenerationAIPromptId

The AI Prompt identifier for the Answer Generation prompt used by the MANUAL_SEARCH AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

associationConfigurations

The association configurations for overriding behavior on this AI Agent.

Type: Array of [AssociationConfiguration](#) objects

Required: No

locale

The locale to which specifies the language and region settings that determine the response language for [QueryAssistant](#).

Note

For more information on supported locales, see [Language support for Amazon Q in Connect](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageConfiguration

The configuration for a [SendMessage](#) request.

Contents

generateChunkedMessage

Configuration for generating chunked messages.

Type: Boolean

Required: No

generateFillerMessage

Generates a filler response when tool selection is QUESTION.

Type: Boolean

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageData

The message data.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

text

The message data in text type.

Type: [TextMessage](#) object

Required: No

toolUseResult

The result of tool usage in the message.

Type: [ToolUseResultData](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageInput

The message input.

Contents

value

The message input value.

Type: [MessageData](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageOutput

The message output.

Contents

messageId

The identifier of a message.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

participant

The participant of a message.

Type: String

Valid Values: CUSTOMER | AGENT | BOT

Required: Yes

timestamp

The timestamp of a message.

Type: Timestamp

Required: Yes

value

The value of a message data.

Type: [MessageData](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateAttachment

Information about the message template attachment.

Contents

attachmentId

The identifier of the attachment file.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

contentDisposition

The presentation information for the attachment file.

Type: String

Valid Values: ATTACHMENT

Required: Yes

name

The name of the attachment file being uploaded. The name should include the file extension.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Pattern: `[\p{L}\p{M}\p{N}_\s&@()+,;=\-]+\.[A-Za-z0-9]+`

Required: Yes

uploadedTime

The timestamp when the attachment file was uploaded.

Type: Timestamp

Required: Yes

url

A pre-signed Amazon S3 URL that can be used to download the attachment file.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

urlExpiry

The expiration time of the pre-signed Amazon S3 URL.

Type: Timestamp

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateAttributes

The attributes that are used with the message template.

Contents

agentAttributes

The agent attributes that are used with the message template.

Type: [AgentAttributes](#) object

Required: No

customAttributes

The custom attributes that are used with the message template.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 32767.

Value Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

customerProfileAttributes

The customer profile attributes that are used with the message template.

Type: [CustomerProfileAttributes](#) object

Required: No

systemAttributes

The system attributes that are used with the message template.

Type: [SystemAttributes](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateBodyContentProvider

The container of the message template body.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

content

The content of the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateContentProvider

The container of message template content.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

email

The content of the message template that applies to the email channel subtype.

Type: [EmailMessageTemplateContent](#) object

Required: No

push

The content of the message template that applies to the push channel subtype.

Type: [PushMessageTemplateContent](#) object

Required: No

sms

The content of the message template that applies to the SMS channel subtype.

Type: [SMSMessageTemplateContent](#) object

Required: No

whatsApp

The content of the message template that applies to the WHATSAPP channel subtype.

Type: [WhatsAppMessageTemplateContent](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateData

The data of a message template.

Contents

channelSubtype

The channel subtype this message template applies to.

Type: String

Valid Values: EMAIL | SMS | WHATSAPP | PUSH

Required: Yes

createdTime

The timestamp when the message template was created.

Type: Timestamp

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

lastModifiedBy

The Amazon Resource Name (ARN) of the user who last updated the message template data.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]*?:[a-z-]*?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: Yes

lastModifiedTime

The timestamp when the message template data was last modified.

Type: Timestamp

Required: Yes

messageTemplateArn

The Amazon Resource Name (ARN) of the message template.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:([a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

messageTemplateContentSha256

The checksum value of the message template content that is referenced by the `$LATEST` qualifier. It can be returned in `MessageTemplateData` or `ExtendedMessageTemplateData`. It's calculated by content, language, `defaultAttributes` and `Attachments` of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Pattern: `[a-zA-Z0-9]+`

Required: Yes

messageTemplateId

The identifier of the message template.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

name

The name of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: Yes

attributeTypes

The types of attributes that the message template contains.

Type: Array of strings

Valid Values: SYSTEM | AGENT | CUSTOMER_PROFILE | CUSTOM

Required: No

channel

The channel of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

content

The content of the message template.

Type: [MessageTemplateContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

defaultAttributes

An object that specifies the default values to use for variables in the message template. This object contains different categories of key-value pairs. Each key defines a variable or placeholder in the message template. The corresponding value defines the default value for that variable.

Type: [MessageTemplateAttributes](#) object

Required: No

description

The description of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

groupingConfiguration

The configuration information of the grouping of Amazon Q in Connect users.

Type: [GroupingConfiguration](#) object

Required: No

language

The language code value for the language in which the quick response is written. The supported language codes include de_DE, en_US, es_ES, fr_FR, id_ID, it_IT, ja_JP, ko_KR, pt_BR, zh_CN, zh_TW

Type: String

Length Constraints: Minimum length of 2. Maximum length of 5.

Required: No

sourceConfigurationSummary

The source configuration summary of the message template.

Type: [MessageTemplateSourceConfigurationSummary](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateFilterField

The message template fields to filter the message template query results by. The following is the list of supported field names:

- name
- description
- channel
- channelSubtype
- language
- qualifier
- createdTime
- lastModifiedTime
- lastModifiedBy
- groupingConfiguration.criteria
- groupingConfiguration.values

Contents

name

The name of the attribute field to filter the message templates by.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

operator

The operator to use for filtering.

Type: String

Valid Values: EQUALS | PREFIX

Required: Yes

includeNoExistence

Whether to treat null value as a match for the attribute field.

Type: Boolean

Required: No

values

The values of attribute field to filter the message template by.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateOrderField

The message template fields to order the message template query results by. The following is the list of supported field names:

- name
- description
- channel
- channelSubtype
- language
- qualifier
- createdTime
- lastModifiedTime
- lastModifiedBy
- groupingConfiguration.criteria
- groupingConfiguration.values

Contents

name

The name of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

order

The order at which the message templates are sorted by.

Type: String

Valid Values: ASC | DESC

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateQueryField

The message template fields to query message templates by. The following is the list of supported field names:

- name
- description

Contents

name

The name of the attribute to query the message templates by.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

operator

The operator to use for matching attribute field values in the query.

Type: String

Valid Values: CONTAINS | CONTAINS_AND_PREFIX

Required: Yes

values

The values of the attribute to query the message templates by.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: Yes

allowFuzziness

Whether the query expects only exact matches on the attribute field values. The results of the query will only include exact matches if this parameter is set to false.

Type: Boolean

Required: No

priority

The importance of the attribute field when calculating query result relevancy scores. The value set for this parameter affects the ordering of search results.

Type: String

Valid Values: HIGH | MEDIUM | LOW

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateSearchExpression

The search expression of the message template.

Contents

filters

The configuration of filtering rules applied to message template query results.

Type: Array of [MessageTemplateFilterField](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

orderOnField

The message template attribute fields on which the query results are ordered.

Type: [MessageTemplateOrderField](#) object

Required: No

queries

The message template query expressions.

Type: Array of [MessageTemplateQueryField](#) objects

Array Members: Minimum number of 0 items. Maximum number of 4 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateSearchResultData

The result of message template search.

Contents

channelSubtype

The channel subtype this message template applies to.

Type: String

Valid Values: EMAIL | SMS | WHATSAPP | PUSH

Required: Yes

createdTime

The timestamp when the message template was created.

Type: Timestamp

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

lastModifiedBy

The Amazon Resource Name (ARN) of the user who last updated the message template data.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: Yes

lastModifiedTime

The timestamp when the message template data was last modified.

Type: Timestamp

Required: Yes

messageTemplateArn

The Amazon Resource Name (ARN) of the message template.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:([a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

messageTemplateId

The identifier of the message template.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

name

The name of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: Yes

channel

The channel of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

description

The description of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

groupingConfiguration

The configuration information of the grouping of Amazon Q in Connect users.

Type: [GroupingConfiguration](#) object

Required: No

isActive

Whether the version of the message template is activated.

Type: Boolean

Required: No

language

The language code value for the language in which the quick response is written. The supported language codes include de_DE, en_US, es_ES, fr_FR, id_ID, it_IT, ja_JP, ko_KR, pt_BR, zh_CN, zh_TW

Type: String

Length Constraints: Minimum length of 2. Maximum length of 5.

Required: No

sourceConfigurationSummary

The source configuration summary of the message template.

Type: [MessageTemplateSourceConfigurationSummary](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: (?!aws:)[a-zA-Z+ -=._:/]+

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

versionNumber

The version number of the message template version.

Type: Long

Valid Range: Minimum value of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateSourceConfiguration

The container of message template source configuration.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

whatsApp

The sourceConfiguration of the message template that applies to the WHATSAPP channel subtype.

Type: [WhatsAppMessageTemplateSourceConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateSourceConfigurationSummary

The container of message template source configuration summary.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

whatsApp

The sourceConfiguration summary of the message template that applies to the WHATSAPP channel subtype.

Type: [WhatsAppMessageTemplateSourceConfigurationSummary](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateSummary

The summary of the message template.

Contents

channelSubtype

The channel subtype this message template applies to.

Type: String

Valid Values: EMAIL | SMS | WHATSAPP | PUSH

Required: Yes

createdTime

The timestamp when the message template was created.

Type: Timestamp

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

lastModifiedBy

The Amazon Resource Name (ARN) of the user who last updated the message template data.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: Yes

lastModifiedTime

The timestamp when the message template data was last modified.

Type: Timestamp

Required: Yes

messageTemplateArn

The Amazon Resource Name (ARN) of the message template.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

messageTemplateId

The identifier of the message template.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

name

The name of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

activeVersionNumber

The version number of the message template version that is activated.

Type: Long

Valid Range: Minimum value of 1.

Required: No

channel

The channel this message template applies to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

description

The description of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: No

sourceConfiguration

The container of message template source configuration.

Type: [MessageTemplateSourceConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MessageTemplateVersionSummary

The summary of the message template version.

Contents

channelSubtype

The channel subtype this message template applies to.

Type: String

Valid Values: EMAIL | SMS | WHATSAPP | PUSH

Required: Yes

isActive

Whether the version of the message template is activated.

Type: Boolean

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

messageTemplateArn

The Amazon Resource Name (ARN) of the message template.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: Yes

messageTemplateId

The identifier of the message template.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

name

The name of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

versionNumber

The version number of the message template version.

Type: Long

Valid Range: Minimum value of 1.

Required: Yes

channel

The channel of the message template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ModelSummary

The summary of a model available to an Amazon Q in Connect assistant.

Contents

displayName

The display name of the model.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Required: Yes

modelId

The identifier of the model.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Required: Yes

crossRegionStatus

The cross-region availability status of the model. NONE indicates the model is only available in a single region, REGIONAL indicates the model is available through regional inference, and GLOBAL indicates the model is available through global cross-region inference.

Type: String

Valid Values: NONE | REGIONAL | GLOBAL

Required: No

endOfLifeTimestamp

The timestamp when the model will reach end of life and no longer be available for use.

Type: Timestamp

Required: No

legacyTimestamp

The timestamp when the model lifecycle will transition from ACTIVE to LEGACY.

Type: Timestamp

Required: No

modelLifecycle

The current lifecycle of the model. ACTIVE indicates the model is recommended for use and LEGACY indicates the model is still usable but is deprecated.

Type: String

Valid Values: ACTIVE | LEGACY

Required: No

supportedAIPromptTypes

The list of AI Prompt types that the model supports.

Type: Array of strings

Valid Values: ANSWER_GENERATION | INTENT_LABELING_GENERATION
| QUERY_REFORMULATION | SELF_SERVICE_PRE_PROCESSING |
SELF_SERVICE_ANSWER_GENERATION | EMAIL_RESPONSE | EMAIL_OVERVIEW |
EMAIL_GENERATIVE_ANSWER | EMAIL_QUERY_REFORMULATION | ORCHESTRATION |
NOTE_TAKING | CASE_SUMMARIZATION

Required: No

supportsPromptCaching

Whether the model supports prompt caching.

Type: Boolean

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NotesChunkDataDetails

Details about notes chunk data.

Contents

completion

A chunk of the notes completion.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

nextChunkToken

The token for the next chunk of notes data.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NotesDataDetails

Details about notes data.

Contents

completion

The completion data for notes.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NoteTakingAIAgentConfiguration

The configuration for AI Agents of type NOTE_TAKING.

Contents

locale

The locale setting for language-specific case summarization generation (for example, en_US, es_ES).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

noteTakingAIGuardrailId

The AI Guardrail identifier used by the Note Taking AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

noteTakingAIPromptId

The AI Prompt identifier used by the Note Taking AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NotifyRecommendationsReceivedError

An error occurred when creating a recommendation.

Contents

message

A recommendation is causing an error.

Type: String

Required: No

recommendationId

The identifier of the recommendation that is in error.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OrchestrationAIAgentConfiguration

The configuration for AI Agents of type ORCHESTRATION.

Contents

orchestrationAIPromptId

The AI Prompt identifier used by the Orchestration AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: Yes

connectInstanceArn

The Amazon Resource Name (ARN) of the Amazon Connect instance used by the Orchestration AI Agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: No

locale

The locale setting for the Orchestration AI Agent.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

orchestrationAIGuardrailId

The AI Guardrail identifier used by the Orchestration AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]+){0,1}`

Required: No

toolConfigurations

The tool configurations used by the Orchestration AI Agent.

Type: Array of [ToolConfiguration](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OrchestratorConfigurationEntry

An entry in the orchestrator configuration list.

Contents

orchestratorUseCase

The use case for the orchestrator configuration. (for example Connect.SelfService, Connect.AgentAssistance)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

aiAgentId

The identifier of the AI Agent in the orchestrator configuration.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$]{0,1}$|^arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:~:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]{0,1}$)`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

OrCondition

A list of conditions which would be applied together with an OR condition.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

andConditions

A list of conditions which would be applied together with an AND condition.

Type: Array of [TagCondition](#) objects

Required: No

tagCondition

A leaf node condition which can be used to specify a tag condition.

Type: [TagCondition](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ParsingConfiguration

Settings for parsing document contents. By default, the service converts the contents of each document into text before splitting it into chunks. To improve processing of PDF files with tables and images, you can configure the data source to convert the pages of text into images and use a model to describe the contents of each page.

Contents

parsingStrategy

The parsing strategy for the data source.

Type: String

Valid Values: BEDROCK_FOUNDATION_MODEL

Required: Yes

bedrockFoundationModelConfiguration

Settings for a foundation model used to parse documents for a data source.

Type: [BedrockFoundationModelConfigurationForParsing](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ParsingPrompt

Instructions for interpreting the contents of a document.

Contents

parsingPromptText

Instructions for interpreting the contents of a document.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10000.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PushADMMessageTemplateContent

The content of the push message template that applies to ADM (Amazon Device Messaging) notification service.

Contents

action

The action to occur if a recipient taps a push notification that is based on the message template. Valid values are:

- **OPEN_APP** - Your app opens or it becomes the foreground app if it was sent to the background. This is the default action.
- **DEEP_LINK** - Your app opens and displays a designated user interface in the app. This action uses the deep-linking features of the Android platform.
- **URL** - The default mobile browser on the recipient's device opens and loads the web page at a URL that you specify.

Type: String

Valid Values: **OPEN_APP** | **DEEP_LINK** | **URL**

Required: No

body

The message body to use in a push notification that is based on the message template.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

imageUrl

The URL of the large icon image to display in the content view of a push notification that's based on the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

imageUrl

The URL of an image to display in a push notification that's based on the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

rawContent

The URL of the small icon image to display in the status bar and the content view of a push notification that's based on the message template.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

smallImageIconUrl

The URL of the small icon image to display in the status bar and the content view of a push notification that's based on the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

sound

The sound to play when a recipient receives a push notification that's based on the message template. You can use the default stream or specify the file name of a sound resource that's bundled in your app. On an Android platform, the sound file must reside in `/res/raw/`.

Type: String

Length Constraints: Minimum length of 1.

Required: No

title

The title to use in a push notification that's based on the message template. This title appears above the notification message on a recipient's device.

Type: String

Length Constraints: Minimum length of 1.

Required: No

url

The URL to open in a recipient's default mobile browser, if a recipient taps a push notification that's based on the message template and the value of the `action` property is URL.

Type: String

Length Constraints: Minimum length of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PushAPNSMessageTemplateContent

The content of the push message template that applies to APNS (Apple Push Notification service) notification service.

Contents

action

The action to occur if a recipient taps a push notification that is based on the message template. Valid values are:

- **OPEN_APP** - Your app opens or it becomes the foreground app if it was sent to the background. This is the default action.
- **DEEP_LINK** - Your app opens and displays a designated user interface in the app. This action uses the deep-linking features of the iOS platform.
- **URL** - The default mobile browser on the recipient's device opens and loads the web page at a URL that you specify.

Type: String

Valid Values: **OPEN_APP** | **DEEP_LINK** | **URL**

Required: No

body

The message body to use in a push notification that is based on the message template.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

mediaUrl

The URL of an image or video to display in push notifications that are based on the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

rawContent

The raw, JSON-formatted string to use as the payload for a push notification that's based on the message template. If specified, this value overrides all other content for the message template.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

sound

The key for the sound to play when the recipient receives a push notification that's based on the message template. The value for this key is the name of a sound file in your app's main bundle or the Library/Sounds folder in your app's data container. If the sound file can't be found or you specify default for the value, the system plays the default alert sound.

Type: String

Length Constraints: Minimum length of 1.

Required: No

title

The title to use in a push notification that's based on the message template. This title appears above the notification message on a recipient's device.

Type: String

Length Constraints: Minimum length of 1.

Required: No

url

The URL to open in a recipient's default mobile browser, if a recipient taps a push notification that's based on the message template and the value of the action property is URL.

Type: String

Length Constraints: Minimum length of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PushBaiduMessageTemplateContent

The content of the push message template that applies to Baidu notification service.

Contents

action

The action to occur if a recipient taps a push notification that is based on the message template. Valid values are:

- `OPEN_APP` - Your app opens or it becomes the foreground app if it was sent to the background. This is the default action.
- `DEEP_LINK` - Your app opens and displays a designated user interface in the app. This action uses the deep-linking features of the Android platform.
- `URL` - The default mobile browser on the recipient's device opens and loads the web page at a URL that you specify.

Type: String

Valid Values: `OPEN_APP` | `DEEP_LINK` | `URL`

Required: No

body

The message body to use in a push notification that is based on the message template.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

imageIconUrl

The URL of the large icon image to display in the content view of a push notification that's based on the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

imageUrl

The URL of an image to display in a push notification that's based on the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

rawContent

The URL of the small icon image to display in the status bar and the content view of a push notification that's based on the message template.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

smallImageIconUrl

The URL of the small icon image to display in the status bar and the content view of a push notification that's based on the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

sound

The sound to play when a recipient receives a push notification that's based on the message template. You can use the default stream or specify the file name of a sound resource that's bundled in your app. On an Android platform, the sound file must reside in `/res/raw/`.

Type: String

Length Constraints: Minimum length of 1.

Required: No

title

The title to use in a push notification that's based on the message template. This title appears above the notification message on a recipient's device.

Type: String

Length Constraints: Minimum length of 1.

Required: No

url

The URL to open in a recipient's default mobile browser, if a recipient taps a push notification that's based on the message template and the value of the `action` property is URL.

Type: String

Length Constraints: Minimum length of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PushFCMMessageTemplateContent

The content of the push message template that applies to FCM (Firebase Cloud Messaging) notification service.

Contents

action

The action to occur if a recipient taps a push notification that is based on the message template. Valid values are:

- `OPEN_APP` - Your app opens or it becomes the foreground app if it was sent to the background. This is the default action.
- `DEEP_LINK` - Your app opens and displays a designated user interface in the app. This action uses the deep-linking features of the Android platform.
- `URL` - The default mobile browser on the recipient's device opens and loads the web page at a URL that you specify.

Type: String

Valid Values: `OPEN_APP` | `DEEP_LINK` | `URL`

Required: No

body

The message body to use in a push notification that is based on the message template.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

imageUrl

The URL of the large icon image to display in the content view of a push notification that's based on the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

imageUrl

The URL of an image to display in a push notification that's based on the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

rawContent

The URL of the small icon image to display in the status bar and the content view of a push notification that's based on the message template.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

smallImageIconUrl

The URL of the small icon image to display in the status bar and the content view of a push notification that's based on the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

sound

The sound to play when a recipient receives a push notification that's based on the message template. You can use the default stream or specify the file name of a sound resource that's bundled in your app. On an Android platform, the sound file must reside in `/res/raw/`.

Type: String

Length Constraints: Minimum length of 1.

Required: No

title

The title to use in a push notification that's based on the message template. This title appears above the notification message on a recipient's device.

Type: String

Length Constraints: Minimum length of 1.

Required: No

url

The URL to open in a recipient's default mobile browser, if a recipient taps a push notification that's based on the message template and the value of the `action` property is URL.

Type: String

Length Constraints: Minimum length of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PushMessageTemplateContent

The content of the message template that applies to the push channel subtype.

Contents

adm

The content of the message template that applies to ADM (Amazon Device Messaging) notification service.

Type: [PushADMMessageTemplateContent](#) object

Required: No

apns

The content of the message template that applies to APNS(Apple Push Notification service) notification service.

Type: [PushAPNSMessageTemplateContent](#) object

Required: No

baidu

The content of the message template that applies to Baidu notification service.

Type: [PushBaiduMessageTemplateContent](#) object

Required: No

fcm

The content of the message template that applies to FCM (Firebase Cloud Messaging) notification service.

Type: [PushFCMMessageTemplateContent](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QueryCondition

Information about how to query content.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

single

The condition for the query.

Type: [QueryConditionItem](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QueryConditionItem

The condition for the query.

Contents

comparator

The comparison operator for query condition to query on.

Type: String

Valid Values: EQUALS

Required: Yes

field

The name of the field for query condition to query on.

Type: String

Valid Values: RESULT_TYPE

Required: Yes

value

The value for the query condition to query on.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

QueryInputData

Input information for the query.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

caseSummarizationInputData

Input data for case summarization queries.

Type: [CaseSummarizationInputData](#) object

Required: No

intentInputData

Input information for the intent.

Type: [IntentInputData](#) object

Required: No

queryTextInputData

Input information for the query.

Type: [QueryTextInputData](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QueryRecommendationTriggerData

Data associated with the QUERY RecommendationTriggerType.

Contents

text

The text associated with the recommendation trigger.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 512.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QueryTextInputData

Information about the text to search for.

Contents

text

The text to search for.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 512.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuickResponseContentProvider

The container quick response content.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

content

The content of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuickResponseContents

The content of the quick response stored in different media types.

Contents

markdown

The container quick response content.

Type: [QuickResponseContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

plainText

The container quick response content.

Type: [QuickResponseContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuickResponseData

Information about the quick response.

Contents

contentType

The media type of the quick response content.

- Use `application/x.quickresponse;format=plain` for quick response written in plain text.
- Use `application/x.quickresponse;format=markdown` for quick response written in richtext.

Type: String

Pattern: `(application/x\.quickresponse;format=(plain|markdown))`

Required: Yes

createdTime

The timestamp when the quick response was created.

Type: Timestamp

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

lastModifiedTime

The timestamp when the quick response data was last modified.

Type: Timestamp

Required: Yes

name

The name of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

quickResponseArn

The Amazon Resource Name (ARN) of the quick response.

Type: String

Pattern: arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

quickResponseId

The identifier of the quick response.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

status

The status of the quick response data.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | CREATED | DELETE_IN_PROGRESS | DELETE_FAILED | DELETED | UPDATE_IN_PROGRESS | UPDATE_FAILED

Required: Yes

channels

The Connect Customer contact channels this quick response applies to. The supported contact channel types include Chat.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

contents

The contents of the quick response.

Type: [QuickResponseContents](#) object

Required: No

description

The description of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

groupingConfiguration

The configuration information of the user groups that the quick response is accessible to.

Type: [GroupingConfiguration](#) object

Required: No

isActive

Whether the quick response is active.

Type: Boolean

Required: No

language

The language code value for the language in which the quick response is written. The supported language codes include de_DE, en_US, es_ES, fr_FR, id_ID, it_IT, ja_JP, ko_KR, pt_BR, zh_CN, zh_TW

Type: String

Length Constraints: Minimum length of 2. Maximum length of 5.

Required: No

lastModifiedBy

The Amazon Resource Name (ARN) of the user who last updated the quick response data.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: No

shortcutKey

The shortcut key of the quick response. The value should be unique across the knowledge base.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-. _:/]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuickResponseDataProvider

The container of quick response data.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

content

The content of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuickResponseFilterField

The quick response fields to filter the quick response query results by.

The following is the list of supported field names.

- name
- description
- shortcutKey
- isActive
- channels
- language
- contentType
- createdTime
- lastModifiedTime
- lastModifiedBy
- groupingConfiguration.criteria
- groupingConfiguration.values

Contents

name

The name of the attribute field to filter the quick responses by.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

operator

The operator to use for filtering.

Type: String

Valid Values: EQUALS | PREFIX

Required: Yes

includeNoExistence

Whether to treat null value as a match for the attribute field.

Type: Boolean

Required: No

values

The values of attribute field to filter the quick response by.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuickResponseOrderField

The quick response fields to order the quick response query results by.

The following is the list of supported field names.

- name
- description
- shortcutKey
- isActive
- channels
- language
- contentType
- createdTime
- lastModifiedTime
- lastModifiedBy
- groupingConfiguration.criteria
- groupingConfiguration.values

Contents

name

The name of the attribute to order the quick response query results by.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

order

The order at which the quick responses are sorted by.

Type: String

Valid Values: ASC | DESC

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuickResponseQueryField

The quick response fields to query quick responses by.

The following is the list of supported field names.

- content
- name
- description
- shortcutKey

Contents

name

The name of the attribute to query the quick responses by.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

operator

The operator to use for matching attribute field values in the query.

Type: String

Valid Values: CONTAINS | CONTAINS_AND_PREFIX

Required: Yes

values

The values of the attribute to query the quick responses by.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: Yes

allowFuzziness

Whether the query expects only exact matches on the attribute field values. The results of the query will only include exact matches if this parameter is set to false.

Type: Boolean

Required: No

priority

The importance of the attribute field when calculating query result relevancy scores. The value set for this parameter affects the ordering of search results.

Type: String

Valid Values: HIGH | MEDIUM | LOW

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuickResponseSearchExpression

Information about the import job.

Contents

filters

The configuration of filtering rules applied to quick response query results.

Type: Array of [QuickResponseFilterField](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

orderOnField

The quick response attribute fields on which the query results are ordered.

Type: [QuickResponseOrderField](#) object

Required: No

queries

The quick response query expressions.

Type: Array of [QuickResponseQueryField](#) objects

Array Members: Minimum number of 0 items. Maximum number of 4 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuickResponseSearchResultData

The result of quick response search.

Contents

contents

The contents of the quick response.

Type: [QuickResponseContents](#) object

Required: Yes

contentType

The media type of the quick response content.

- Use `application/x.quickresponse;format=plain` for quick response written in plain text.
- Use `application/x.quickresponse;format=markdown` for quick response written in richtext.

Type: String

Pattern: `(application/x\.quickresponse;format=(plain|markdown))`

Required: Yes

createdTime

The timestamp when the quick response was created.

Type: Timestamp

Required: Yes

isActive

Whether the quick response is active.

Type: Boolean

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base. Can be either the ID or the ARN. URLs cannot contain the ARN.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

lastModifiedTime

The timestamp when the quick response search result data was last modified.

Type: Timestamp

Required: Yes

name

The name of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

quickResponseArn

The Amazon Resource Name (ARN) of the quick response.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

quickResponseId

The identifier of the quick response.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

status

The resource status of the quick response.

Type: String

Valid Values: `CREATE_IN_PROGRESS` | `CREATE_FAILED` | `CREATED` | `DELETE_IN_PROGRESS` | `DELETE_FAILED` | `DELETED` | `UPDATE_IN_PROGRESS` | `UPDATE_FAILED`

Required: Yes

attributesInterpolated

The user defined contact attributes that are resolved when the search result is returned.

Type: Array of strings

Required: No

attributesNotInterpolated

The user defined contact attributes that are not resolved when the search result is returned.

Type: Array of strings

Required: No

channels

The Connect Customer contact channels this quick response applies to. The supported contact channel types include Chat.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

description

The description of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

groupingConfiguration

The configuration information of the user groups that the quick response is accessible to.

Type: [GroupingConfiguration](#) object

Required: No

language

The language code value for the language in which the quick response is written.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 5.

Required: No

lastModifiedBy

The Amazon Resource Name (ARN) of the user who last updated the quick response search result data.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: No

shortcutKey

The shortcut key of the quick response. The value should be unique across the knowledge base.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

QuickResponseSummary

The summary information about the quick response.

Contents

contentType

The media type of the quick response content.

- Use `application/x.quickresponse;format=plain` for quick response written in plain text.
- Use `application/x.quickresponse;format=markdown` for quick response written in richtext.

Type: String

Pattern: `(application/x\.quickresponse;format=(plain|markdown))`

Required: Yes

createdTime

The timestamp when the quick response was created.

Type: Timestamp

Required: Yes

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:([a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12})(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

knowledgeBaseId

The identifier of the knowledge base.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

lastModifiedTime

The timestamp when the quick response summary was last modified.

Type: Timestamp

Required: Yes

name

The name of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

quickResponseArn

The Amazon Resource Name (ARN) of the quick response.

Type: String

Pattern: arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: Yes

quickResponseId

The identifier of the quick response.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

status

The resource status of the quick response.

Type: String

Valid Values: CREATE_IN_PROGRESS | CREATE_FAILED | CREATED | DELETE_IN_PROGRESS | DELETE_FAILED | DELETED | UPDATE_IN_PROGRESS | UPDATE_FAILED

Required: Yes

channels

The Connect Customer contact channels this quick response applies to. The supported contact channel types include Chat.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 10.

Required: No

description

The description of the quick response.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Required: No

isActive

Whether the quick response is active.

Type: Boolean

Required: No

lastModifiedBy

The Amazon Resource Name (ARN) of the user who last updated the quick response data.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RankingData

Details about the source content ranking data.

Contents

relevanceLevel

The relevance score of the content.

Type: String

Valid Values: HIGH | MEDIUM | LOW

Required: No

relevanceScore

The relevance level of the recommendation.

Type: Double

Valid Range: Minimum value of 0.0.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RecommendationData

Information about the recommendation.

Contents

recommendationId

The identifier of the recommendation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: Yes

data

Summary of the recommended content.

Type: [DataSummary](#) object

Required: No

document

The recommended document.

Type: [Document](#) object

Required: No

relevanceLevel

The relevance level of the recommendation.

Type: String

Valid Values: HIGH | MEDIUM | LOW

Required: No

relevanceScore

The relevance score of the recommendation.

Type: Double

Valid Range: Minimum value of 0.0.

Required: No

type

The type of recommendation.

Type: String

Valid Values: KNOWLEDGE_CONTENT | GENERATIVE_RESPONSE |
GENERATIVE_ANSWER | DETECTED_INTENT | GENERATIVE_ANSWER_CHUNK
| BLOCKED_GENERATIVE_ANSWER_CHUNK | INTENT_ANSWER_CHUNK
| BLOCKED_INTENT_ANSWER_CHUNK | EMAIL_RESPONSE_CHUNK |
EMAIL_OVERVIEW_CHUNK | EMAIL_GENERATIVE_ANSWER_CHUNK |
CASE_SUMMARIZATION_CHUNK | BLOCKED_CASE_SUMMARIZATION_CHUNK |
SUGGESTED_MESSAGE | NOTES_CHUNK | BLOCKED_NOTES_CHUNK

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RecommendationTrigger

A recommendation trigger provides context on the event that produced the referenced recommendations. Recommendations are only referenced in `recommendationIds` by a single `RecommendationTrigger`.

Contents

data

A union type containing information related to the trigger.

Type: [RecommendationTriggerData](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

id

The identifier of the recommendation trigger.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

recommendationIds

The identifiers of the recommendations.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 25 items.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: Yes

source

The source of the recommendation trigger.

- **ISSUE_DETECTION**: The corresponding recommendations were triggered by a Contact Lens issue.
- **RULE_EVALUATION**: The corresponding recommendations were triggered by a Contact Lens rule.

Type: String

Valid Values: **ISSUE_DETECTION** | **RULE_EVALUATION** | **OTHER**

Required: Yes

type

The type of recommendation trigger.

Type: String

Valid Values: **QUERY** | **GENERATIVE**

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RecommendationTriggerData

A union type containing information related to the trigger.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

query

Data associated with the QUERY RecommendationTriggerType.

Type: [QueryRecommendationTriggerData](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RenderingConfiguration

Information about how to render the content.

Contents

templateUri

A URI template containing exactly one variable in `${variableName}` format. This can only be set for EXTERNAL knowledge bases. For Salesforce, ServiceNow, and Zendesk, the variable must be one of the following:

- Salesforce: Id, ArticleNumber, VersionNumber, Title, PublishStatus, or IsDeleted
- ServiceNow: number, short_description, sys_mod_count, workflow_state, or active
- Zendesk: id, title, updated_at, or draft

The variable is replaced with the actual value for a piece of content when calling [GetContent](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ResultData

Information about the result.

Contents

resultId

The identifier of the result data.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

data

Summary of the recommended content.

Type: [DataSummary](#) object

Required: No

document

The document.

Type: [Document](#) object

Required: No

relevanceScore

The relevance score of the results.

Type: Double

Valid Range: Minimum value of 0.0.

Required: No

type

The type of the query result.

Type: String

Valid Values: KNOWLEDGE_CONTENT | INTENT_ANSWER | GENERATIVE_ANSWER
| GENERATIVE_ANSWER_CHUNK | BLOCKED_GENERATIVE_ANSWER_CHUNK |
INTENT_ANSWER_CHUNK | BLOCKED_INTENT_ANSWER_CHUNK | EMAIL_RESPONSE_CHUNK
| EMAIL_OVERVIEW_CHUNK | EMAIL_GENERATIVE_ANSWER_CHUNK |
CASE_SUMMARIZATION_CHUNK | BLOCKED_CASE_SUMMARIZATION_CHUNK | NOTES |
NOTES_CHUNK | BLOCKED_NOTES_CHUNK

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RetrievalConfiguration

Configuration for content retrieval operations.

Contents

knowledgeSource

The knowledge source configuration for content retrieval.

Type: [KnowledgeSource](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

filter

The filter configuration for content retrieval.

Type: [RetrievalFilterConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

numberOfResults

The number of results to retrieve.

Type: Integer

Required: No

overrideKnowledgeBaseSearchType

Override setting for the knowledge base search type during retrieval.

Type: String

Valid Values: HYBRID | SEMANTIC

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RetrievalFilterConfiguration

Configuration for filtering content during retrieval operations.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

andAll

Filter configuration that requires all conditions to be met.

Type: Array of [RetrievalFilterConfiguration](#) objects

Array Members: Minimum number of 2 items.

Required: No

equals

Filter configuration for exact equality matching.

Type: [FilterAttribute](#) object

Required: No

greaterThan

Filter configuration for greater than comparison.

Type: [FilterAttribute](#) object

Required: No

greaterThanOrEquals

Filter configuration for greater than or equal comparison.

Type: [FilterAttribute](#) object

Required: No

in

Filter configuration for membership in a set of values.

Type: [FilterAttribute](#) object

Required: No

lessThan

Filter configuration for less than comparison.

Type: [FilterAttribute](#) object

Required: No

lessThanOrEquals

Filter configuration for less than or equal comparison.

Type: [FilterAttribute](#) object

Required: No

listContains

Filter configuration for checking if a list contains a value.

Type: [FilterAttribute](#) object

Required: No

notEquals

Filter configuration for inequality matching.

Type: [FilterAttribute](#) object

Required: No

notIn

Filter configuration for exclusion from a set of values.

Type: [FilterAttribute](#) object

Required: No

orAll

Filter configuration where any condition can be met.

Type: Array of [RetrievalFilterConfiguration](#) objects

Array Members: Minimum number of 2 items.

Required: No

startsWith

Filter configuration for prefix matching.

Type: [FilterAttribute](#) object

Required: No

stringContains

Filter configuration for substring matching.

Type: [FilterAttribute](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RetrieveResult

A single result from a content retrieval operation.

Contents

associationId

The identifier of the assistant association for the retrieved result.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

contentText

The text content of the retrieved result.

Type: String

Required: Yes

referenceType

A type to define the KB origin of a retrieved content.

Type: String

Valid Values: `WEB_CRAWLER` | `KNOWLEDGE_BASE` | `BEDROCK_KB_S3` | `BEDROCK_KB_WEB` | `BEDROCK_KB_CONFLUENCE` | `BEDROCK_KB_SALESFORCE` | `BEDROCK_KB_SHAREPOINT` | `BEDROCK_KB_KENDRA` | `BEDROCK_KB_CUSTOM_DOCUMENT` | `BEDROCK_KB_SQL`

Required: Yes

sourceId

The URL, URI, or ID of the retrieved content when available, or a UUID when unavailable.

Type: String

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RuntimeSessionData

The list of key-value pairs that are stored on the session.

Contents

key

The key of the data stored on the session.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

value

The value of the data stored on the session.

Type: [RuntimeSessionDataValue](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RuntimeSessionDataValue

A union type that specifies the data stored on the session.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

stringValue

The string value of the data stored on the session.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SearchExpression

The search expression.

Contents

filters

The search expression filters.

Type: Array of [Filter](#) objects

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SeedUrl

A URL for crawling.

Contents

url

URL for crawling

Type: String

Pattern: `https?://[A-Za-z0-9][^\s]*`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SelfServiceAIAgentConfiguration

The configuration for AI Agents of type SELF_SERVICE.

Contents

associationConfigurations

The association configurations for overriding behavior on this AI Agent.

Type: Array of [AssociationConfiguration](#) objects

Required: No

selfServiceAIGuardrailId

The AI Guardrail identifier used by the SELF_SERVICE AI Agent.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_-$]+){0,1}`

Required: No

selfServiceAnswerGenerationAIPromptId

The AI Prompt identifier for the Self Service Answer Generation prompt used by the SELF_SERVICE AI Agent

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_-$]+){0,1}`

Required: No

selfServicePreProcessingAIPromptId

The AI Prompt identifier for the Self Service Pre-Processing prompt used by the SELF_SERVICE AI Agent

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(:[A-Z0-9_$$]{0,1}){0,1}`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SelfServiceConversationHistory

The conversation history data to included in conversation context data before the Amazon Q in Connect session.

Contents

botResponse

The bot response of the conversation history data.

Type: String

Required: No

inputTranscript

The input transcript of the conversation history data.

Type: String

Required: No

timestamp

The timestamp of the conversation history entry.

Type: Timestamp

Required: No

turnNumber

The number of turn of the conversation history data.

Type: Integer

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SemanticChunkingConfiguration

Settings for semantic document chunking for a data source. Semantic chunking splits a document into smaller documents based on groups of similar content derived from the text with natural language processing.

Contents

breakpointPercentileThreshold

The dissimilarity threshold for splitting chunks.

Type: Integer

Valid Range: Minimum value of 50. Maximum value of 99.

Required: Yes

bufferSize

The buffer size.

Type: Integer

Valid Range: Minimum value of 0. Maximum value of 1.

Required: Yes

maxTokens

The maximum number of tokens that a chunk can contain.

Type: Integer

Valid Range: Minimum value of 1.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ServerSideEncryptionConfiguration

The configuration information for the customer managed key used for encryption.

Contents

kmsKeyId

The customer managed key used for encryption. For more information about setting up a customer managed key for Amazon Q in Connect, see [Enable Amazon Q in Connect for your instance](#). For information about valid ID values, see [Key identifiers \(KeyId\)](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SessionData

Information about the session.

Contents

name

The name of the session.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

sessionArn

The Amazon Resource Name (ARN) of the session.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

sessionId

The identifier of the session.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

aiAgentConfiguration

The configuration of the AI Agents (mapped by AI Agent Type to AI Agent version) that should be used by Amazon Q in Connect for this Session.

Type: String to [AIAgentConfigurationData](#) object map

Valid Keys: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE
| EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER |
ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: No

description

The description of the session.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

integrationConfiguration

The configuration information for the session integration.

Type: [SessionIntegrationConfiguration](#) object

Required: No

orchestratorConfigurationList

The list of orchestrator configurations for the session.

Type: Array of [OrchestratorConfigurationEntry](#) objects

Required: No

origin

The origin of the Session to be listed. SYSTEM for a default Session created by Amazon Q in Connect or CUSTOMER for a Session created by calling [CreateSession](#) API.

Type: String

Valid Values: SYSTEM | CUSTOMER

Required: No

tagFilter

An object that can be used to specify Tag conditions.

Type: [TagFilter](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

tags

The tags used to organize, track, or control access for this resource.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Key Pattern: `(?!aws:)[a-zA-Z+-._: /]+`

Value Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SessionIntegrationConfiguration

The configuration information for the session integration.

Contents

topicIntegrationArn

The Amazon Resource Name (ARN) of the integrated Amazon SNS topic used for streaming chat messages.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SessionSummary

Summary information about the session.

Contents

assistantArn

The Amazon Resource Name (ARN) of the Amazon Q in Connect assistant.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

assistantId

The identifier of the Amazon Q in Connect assistant.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

sessionArn

The Amazon Resource Name (ARN) of the session.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

sessionId

The identifier of the session.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SMSMessageTemplateContent

The content of the message template that applies to the SMS channel subtype.

Contents

body

The body to use in SMS messages.

Type: [SMSMessageTemplateContentBody](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SMSMessageTemplateContentBody

The body to use in SMS messages.

Contents

plainText

The message body to use in SMS messages.

Type: [MessageTemplateBodyContentProvider](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SourceConfiguration

Configuration information about the external data source.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

appIntegrations

Configuration information for Amazon AppIntegrations to automatically ingest content.

Type: [AppIntegrationsConfiguration](#) object

Required: No

managedSourceConfiguration

Source configuration for managed resources.

Type: [ManagedSourceConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SourceContentDataDetails

Details about the source content data.

Contents

id

The identifier of the source content.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

rankingData

Details about the source content ranking data.

Type: [RankingData](#) object

Required: Yes

textData

Details about the source content text data.

Type: [TextData](#) object

Required: Yes

type

The type of the source content.

Type: String

Valid Values: KNOWLEDGE_CONTENT

Required: Yes

citationSpan

Contains information about where the text with a citation begins and ends in the generated output.

Type: [CitationSpan](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Span

A span represents a unit of work during AI agent execution, capturing timing, status, and contextual attributes.

Contents

assistantId

UUID of the Connect AI Assistant resource

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

attributes

Span-specific contextual attributes

Type: [SpanAttributes](#) object

Required: Yes

endTimeStamp

Operation end time in milliseconds since epoch

Type: Timestamp

Required: Yes

requestId

The service request ID that initiated the operation

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

sessionId

UUID of the Connect AI Session resource

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

spanId

Unique span identifier

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: Yes

spanName

Service-defined operation name

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: Yes

spanType

Operation relationship type

Type: String

Valid Values: CLIENT | SERVER | INTERNAL

Required: Yes

startTimestamp

Operation start time in milliseconds since epoch

Type: Timestamp

Required: Yes

status

Span completion status

Type: String

Valid Values: OK | ERROR | TIMEOUT

Required: Yes

originRequestId

The origin request identifier for end-to-end tracing.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

parentSpanId

Parent span identifier for hierarchy. Null for root spans.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: No

statusDescription

Human-readable error description when status is ERROR or TIMEOUT

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SpanAttributes

Contextual attributes capturing operation details, LLM configuration, usage metrics, and conversation data

Contents

agentId

Amazon Connect agent ID

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: No

aiAgentArn

AI agent ARN

Type: String

Pattern: arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_\$]+){0,1}

Required: No

aiAgentId

AI agent identifier

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: No

aiAgentInvoker

Entity that invoked the AI agent

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

aiAgentName

AI agent name

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [a-zA-Z0-9\s_.,-]+.*

Required: No

aiAgentOrchestratorUseCase

AI agent orchestrator use case

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

aiAgentType

AI agent type

Type: String

Valid Values: MANUAL_SEARCH | ANSWER_RECOMMENDATION | SELF_SERVICE
| EMAIL_RESPONSE | EMAIL_OVERVIEW | EMAIL_GENERATIVE_ANSWER |
ORCHESTRATION | NOTE_TAKING | CASE_SUMMARIZATION

Required: No

aiAgentVersion

AI agent version number

Type: Integer

Required: No

cacheReadInputTokens

Number of input tokens that were retrieved from cache

Type: Integer

Required: No

cacheWriteInputTokens

Number of input tokens that were written to cache in this request

Type: Integer

Required: No

contactId

Amazon Connect contact identifier

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: No

errorType

Error classification if span failed (e.g., throttle, timeout)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

guardrailAssessments

Guardrail assessments for the inference span. Absent on other span types and when no AI Guardrail is attached to the AI Agent.

Type: Array of [SpanGuardrailAssessment](#) objects

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Required: No

initialContactId

Amazon Connect contact identifier

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

inputMessages

Input message collection sent to LLM

Type: Array of [SpanMessage](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

instanceArn

Amazon Connect instance ARN

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `arn:[a-z-]+?:[a-z-]+?:[a-z0-9-]*?:([0-9]{12})?:[a-zA-Z0-9-:/]+`

Required: No

operationName

Action being performed

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

outputMessages

Output message collection received from LLM

Type: Array of [SpanMessage](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

promptArn

AI prompt ARN

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}(:[A-Z0-9_$]+){0,1}`

Required: No

promptId

AI prompt identifier

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: No

promptName

AI prompt name

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: No

promptType

AI prompt type

Type: String

Valid Values: ANSWER_GENERATION | INTENT_LABELING_GENERATION
| QUERY_REFORMULATION | SELF_SERVICE_PRE_PROCESSING |
SELF_SERVICE_ANSWER_GENERATION | EMAIL_RESPONSE | EMAIL_OVERVIEW |

EMAIL_GENERATIVE_ANSWER | EMAIL_QUERY_REFORMULATION | ORCHESTRATION |
NOTE_TAKING | CASE_SUMMARIZATION

Required: No

promptVersion

AI prompt version number

Type: Integer

Required: No

providerName

Model provider identifier (e.g., aws.bedrock)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

requestMaxTokens

Maximum tokens configured for generation

Type: Integer

Required: No

requestModel

LLM model ID for request (e.g., anthropic.claude-3-sonnet)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

responseFinishReasons

Generation termination reasons (e.g., stop, max_tokens)

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

responseModel

Actual model used for response (usually matches requestModel)

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

sessionName

Session name

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

systemInstructions

System prompt instructions

Type: Array of [SpanMessageValue](#) objects

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: No

temperature

Sampling temperature for generation

Type: Float

Valid Range: Minimum value of 0.0. Maximum value of 1.0.

Required: No

timeToFirstTokenMs

Time to first token in milliseconds, measured from when Amazon Bedrock was invoked to when the first token was returned

Type: Integer

Required: No

topP

Top-p sampling parameter for generation

Type: Float

Valid Range: Minimum value of 0.0. Maximum value of 1.0.

Required: No

usageInputTokens

Number of input tokens in prompt

Type: Integer

Required: No

usageOutputTokens

Number of output tokens in response

Type: Integer

Required: No

usageTotalTokens

Total tokens consumed (input + output)

Type: Integer

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

SpanCitation

A citation that spans a specific range of text.

Contents

contentId

The identifier of the content being cited in the span.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: No

knowledgeBaseArn

The Amazon Resource Name (ARN) of the knowledge base containing the cited content.

Type: String

Pattern: arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}:[a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}

Required: No

knowledgeBaseId

The identifier of the knowledge base containing the cited content.

Type: String

Pattern: [a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}

Required: No

title

The title of the content being cited in the span.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SpanGuardrailAssessment

Result of a single guardrail assessment, covering either the input (customer/user message) or the output (LLM response) of a Bedrock Converse call.

Contents

action

Outcome of the guardrail assessment.

Type: String

Valid Values: NONE | BLOCKED | MASKED

Required: Yes

guardrailId

Unique AI Guardrail identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

guardrailName

Customer-defined display name of the AI Guardrail resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

source

Content source the guardrail was evaluated against.

Type: String

Valid Values: INPUT | OUTPUT

Required: Yes

policies

Per-policy assessment results. Absent or empty when action is NONE.

Type: Array of [GuardrailPolicyResult](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SpanMessage

A message in the conversation history with participant role and content values

Contents

messageId

Unique message identifier

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

participant

Message source role

Type: String

Valid Values: CUSTOMER | AGENT | BOT

Required: Yes

timestamp

Message timestamp

Type: Timestamp

Required: Yes

values

Message content values (text, tool use, tool result, reasoning)

Type: Array of [SpanMessageValue](#) objects

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SpanMessageValue

Message content value - can be text, tool invocation, tool result, or reasoning

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

reasoning

Model reasoning and it's internal decision making process

Type: [SpanReasoningValue](#) object

Required: No

text

Text message content

Type: [SpanTextValue](#) object

Required: No

toolResult

Tool result message content

Type: [SpanToolResultValue](#) object

Required: No

toolUse

Tool invocation message content

Type: [SpanToolUseValue](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SpanReasoningValue

Model reasoning and it's internal decision making process

Contents

value

The reasoning text content

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SpanTextValue

Text message content

Contents

value

String content of the message text

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

aiGuardrailAssessment

The AI Guardrail assessment for the span text.

Type: [AIGuardrailAssessment](#) object

Required: No

citations

The citations associated with the span text.

Type: Array of [SpanCitation](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SpanToolResultValue

Tool result message content

Contents

toolUseId

Relates this result back to the tool invocation

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

values

The tool results

Type: Array of [SpanMessageValue](#) objects

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: Yes

error

The tool invocation error if failed

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

SpanToolUseValue

Tool invocation message content

Contents

arguments

The tool input arguments

Type: JSON value

Required: Yes

name

The tool name

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[a-zA-Z0-9\s_.,-]+.*`

Required: Yes

toolUseId

Unique ID for this tool invocation

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

SuggestedMessageDataDetails

Details about suggested message data.

Contents

messageText

The text content of the suggested message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SuggestedMessageReference

Reference information for a suggested message.

Contents

aiAgentArn

The Amazon Resource Name (ARN) of the AI Agent that generated the suggested message.

Type: String

Pattern: `arn:[a-z-]*?:wisdom:[a-z0-9-]*?:[0-9]{12}: [a-z-]*?/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}(?:/[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}){0,2}`

Required: Yes

aiAgentId

The identifier of the AI Agent that generated the suggested message.

Type: String

Pattern: `[a-f0-9]{8}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{4}-[a-f0-9]{12}`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SystemAttributes

The system attributes that are used with the message template.

Contents

customerEndpoint

The CustomerEndpoint attribute.

Type: [SystemEndpointAttributes](#) object

Required: No

name

The name of the task.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

systemEndpoint

The SystemEndpoint attribute.

Type: [SystemEndpointAttributes](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

SystemEndpointAttributes

The system endpoint attributes that are used with the message template.

Contents

address

The customer's phone number if used with `customerEndpoint`, or the number the customer dialed to call your contact center if used with `systemEndpoint`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32767.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TagCondition

A leaf node condition which can be used to specify a tag condition.

Contents

key

The tag key in the tag condition.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: (?!aws:)[a-zA-Z+-._: /]+

Required: Yes

value

The tag value in the tag condition.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TagFilter

An object that can be used to specify Tag conditions.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

andConditions

A list of conditions which would be applied together with an AND condition.

Type: Array of [TagCondition](#) objects

Required: No

orConditions

A list of conditions which would be applied together with an OR condition.

Type: Array of [OrCondition](#) objects

Required: No

tagCondition

A leaf node condition which can be used to specify a tag condition.

Type: [TagCondition](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TextData

Details about the source content text data.

Contents

excerpt

The text of the document.

Type: [DocumentText](#) object

Required: No

title

The text of the document.

Type: [DocumentText](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TextFullAIPromptEditTemplateConfiguration

The configuration for a prompt template that supports full textual prompt configuration using a YAML prompt.

Contents

text

The YAML text for the AI Prompt template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000000.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TextMessage

The message data in text type.

Contents

aiGuardrailAssessment

The AI Guardrail assessment for the text message.

Type: [AIGuardrailAssessment](#) object

Required: No

citations

The citations associated with the text message.

Type: Array of [Citation](#) objects

Required: No

value

The value of the message data in text type.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 25000.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ToolConfiguration

Configuration settings for a tool used by AI Agents.

Contents

toolName

The name of the tool.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

toolType

The type of the tool.

Type: String

Valid Values: MODEL_CONTEXT_PROTOCOL | RETURN_TO_CONTROL | CONSTANT

Required: Yes

annotations

Annotations for the tool configuration.

Type: [Annotation](#) object

Required: No

description

The description of the tool configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

inputSchema

The input schema for the tool configuration.

Type: JSON value

Required: No

instruction

Instructions for using the tool.

Type: [ToolInstruction](#) object

Required: No

outputFilters

Output filters applies to the tool result.

Type: Array of [ToolOutputFilter](#) objects

Required: No

outputSchema

The output schema for the tool configuration.

Type: JSON value

Required: No

overrideInputValues

Override input values for the tool configuration.

Type: Array of [ToolOverrideInputValue](#) objects

Required: No

title

The title of the tool configuration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

toolId

The identifier of the tool, for example toolName from Model Context Provider server.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

userInteractionConfiguration

Configuration for user interaction with the tool.

Type: [UserInteractionConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ToolInstruction

Instructions for using a tool.

Contents

examples

Examples for using the tool.

Type: Array of strings

Required: No

instruction

The instruction text for the tool.

Type: String

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ToolOutputConfiguration

Configuration for tool output handling.

Contents

outputVariableNameOverride

Override the tool output results to different variable name.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

sessionDataNamespace

The session data namespace for tool output.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ToolOutputFilter

Filter configuration for tool output.

Contents

jsonPath

The JSON path for filtering tool output.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

outputConfiguration

The output configuration for the filter.

Type: [ToolOutputConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ToolOverrideConstantInputValue

A constant input value for tool override.

Contents

type

Override tool input value with constant values

Type: String

Valid Values: STRING | NUMBER | JSON_STRING

Required: Yes

value

The constant input override value.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ToolOverrideInputValue

An input value override for tools.

Contents

jsonPath

The JSON path for the input value override.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

value

The override input value.

Type: [ToolOverrideInputValueConfiguration](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ToolOverrideInputValueConfiguration

Configuration for overriding tool input values.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

constant

Constant input value configuration for tool override.

Type: [ToolOverrideConstantInputValue](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ToolUseResultData

Data about the result of tool usage.

Contents

toolName

The name of the tool that was used.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

toolResult

The result of the tool usage.

Type: JSON value

Required: Yes

toolUseId

The identifier of the tool use instance.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 4096.

Required: Yes

inputSchema

The input schema for the tool use result.

Type: JSON value

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UrlConfiguration

The configuration of the URL/URLs for the web content that you want to crawl. You should be authorized to crawl the URLs.

Contents

seedUrls

List of URLs for crawling.

Type: Array of [SeedUrl](#) objects

Array Members: Minimum number of 1 item. Maximum number of 100 items.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UserInteractionConfiguration

Configuration for user interaction settings.

Contents

isUserConfirmationRequired

Indicates whether user confirmation is required for the interaction.

Type: Boolean

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

VectorIngestionConfiguration

Contains details about how to ingest the documents in a data source.

Contents

chunkingConfiguration

Details about how to chunk the documents in the data source. A chunk refers to an excerpt from a data source that is returned when the knowledge base that it belongs to is queried.

Type: [ChunkingConfiguration](#) object

Required: No

parsingConfiguration

A custom parser for data source documents.

Type: [ParsingConfiguration](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WebCrawlerConfiguration

The configuration details for the web data source.

Contents

urlConfiguration

The configuration of the URL/URLs for the web content that you want to crawl. You should be authorized to crawl the URLs.

Type: [UrlConfiguration](#) object

Required: Yes

crawlerLimits

The configuration of crawl limits for the web URLs.

Type: [WebCrawlerLimits](#) object

Required: No

exclusionFilters

A list of one or more exclusion regular expression patterns to exclude certain URLs. If you specify an inclusion and exclusion filter/pattern and both match a URL, the exclusion filter takes precedence and the web content of the URL isn't crawled.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 25 items.

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: No

inclusionFilters

A list of one or more inclusion regular expression patterns to include certain URLs. If you specify an inclusion and exclusion filter/pattern and both match a URL, the exclusion filter takes precedence and the web content of the URL isn't crawled.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 25 items.

Length Constraints: Minimum length of 1. Maximum length of 1000.

Required: No

scope

The scope of what is crawled for your URLs. You can choose to crawl only web pages that belong to the same host or primary domain. For example, only web pages that contain the seed URL `https://docs.aws.amazon.com/bedrock/latest/userguide/` and no other domains. You can choose to include sub domains in addition to the host or primary domain. For example, web pages that contain `aws.amazon.com` can also include sub domain `docs.aws.amazon.com`.

Type: String

Valid Values: `HOST_ONLY` | `SUBDOMAINS`

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WebCrawlerLimits

The configuration of crawl limits for the web URLs.

Contents

rateLimit

Rate of web URLs retrieved per minute.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 300.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WhatsAppMessageTemplateContent

The content of the message template that applies to the WHATSAPP channel subtype.

Contents

data

The data.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 6000.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WhatsAppMessageTemplateSourceConfiguration

Configuration information about the external data source.

Contents

businessAccountId

The ID of the End User Messaging WhatsApp Business Account to associate with this template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^waba-[0-9a-zA-Z]+$)|(^arn:.*:waba/[0-9a-zA-Z]+$).*`

Required: Yes

templateId

The WhatsApp template ID.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[0-9]+`

Required: Yes

components

The list of component mapping from WhatsApp template parameters to Message Template attributes.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 5000.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WhatsAppMessageTemplateSourceConfigurationSummary

Configuration information about the external data source.

Contents

businessAccountId

The ID of the End User Messaging WhatsApp Business Account to associate with this template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^waba-[0-9a-zA-Z]+$)|(^arn:.*:waba/[0-9a-zA-Z]+$).*`

Required: Yes

templateId

The ID of WhatsApp template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[0-9]+`

Required: Yes

components

The list of component mapping from WhatsApp template parameters to Message Template attributes.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 5000.

Required: No

language

The language of the WhatsApp template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 5.

Required: No

name

The name of the WhatsApp template.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

status

The status of the message template.

Type: String

Valid Values: VALID | INVALID | REJECTED

Required: No

statusReason

The status reason of the message template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see [Signing AWS API requests](#) in the *IAM User Guide*.

X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: AWS4-HMAC-SHA256

Required: Conditional

X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key/YYYYMMDD/region/service/aws4_request*.

For more information, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: 20120325T120000Z.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see [Elements of an AWS API request signature](#) in the *IAM User Guide*.

Type: string

Required: Conditional

X-Amz-Security-Token

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see [AWS services that work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

X-Amz-Signature

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-SignedHeaders

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

Common Error Types

This section lists common error types that this AWS service may return. Not all services return all error types listed here. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You don't have permission to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request has expired. Request a new security token and try again.

HTTP Status Code: 403

IncompleteSignature

The request signature doesn't conform to AWS standards. Verify that you're using valid AWS credentials and that your request is properly formatted. If you're using an SDK, ensure it's up to date.

HTTP Status Code: 403

InternalFailure

The request can't be processed right now because of an internal server issue. Try again later. If the problem persists, contact AWS Support.

HTTP Status Code: 500

MalformedHttpRequestException

The request body can't be processed. This typically happens when the request body can't be decompressed using the specified content encoding algorithm. Verify that the content encoding header matches the compression format used.

HTTP Status Code: 400

NotAuthorized

You don't have permissions to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 401

OptInRequired

Your AWS account needs a subscription for this service. Verify that you've enabled the service in your account.

HTTP Status Code: 403

RequestAbortedException

The request was aborted before a response could be returned. This typically happens when the client closes the connection.

HTTP Status Code: 400

RequestEntityTooLargeException

The request entity is too large. Reduce the size of the request body and try again.

HTTP Status Code: 413

RequestTimeoutException

The request timed out. The server didn't receive the complete request within the expected time frame. Try again.

HTTP Status Code: 408

ServiceUnavailable

The service is temporarily unavailable. Try again later.

HTTP Status Code: 503

ThrottlingException

Your request rate is too high. The AWS SDKs automatically retry requests that receive this exception. Reduce the frequency of requests.

HTTP Status Code: 400

UnknownOperationException

The action or operation isn't recognized. Verify that the action name is spelled correctly and that it's supported by the API version you're using.

HTTP Status Code: 404

UnrecognizedClientException

The X.509 certificate or AWS access key ID you provided doesn't exist in our records. Verify that you're using valid credentials and that they haven't expired.

HTTP Status Code: 403

ValidationError

The input doesn't meet the required format or constraints. Check that all required parameters are included and that values are valid.

HTTP Status Code: 400