



API v2 Reference

Amazon Simple Email Service



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Amazon Simple Email Service: API v2 Reference

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Table of Contents

Welcome	1
Actions	2
BatchGetMetricData	6
Request Syntax	6
URI Request Parameters	6
Request Body	6
Response Syntax	7
Response Elements	7
Errors	8
See Also	8
CancelExportJob	10
Request Syntax	10
URI Request Parameters	10
Request Body	10
Response Syntax	10
Response Elements	10
Errors	10
See Also	11
CreateConfigurationSet	12
Request Syntax	12
URI Request Parameters	13
Request Body	13
Response Syntax	15
Response Elements	15
Errors	15
See Also	16
CreateConfigurationSetEventDestination	17
Request Syntax	17
URI Request Parameters	18
Request Body	18
Response Syntax	18
Response Elements	18
Errors	19
See Also	19

CreateContact	21
Request Syntax	21
URI Request Parameters	21
Request Body	21
Response Syntax	22
Response Elements	22
Errors	22
See Also	23
CreateContactList	24
Request Syntax	24
URI Request Parameters	24
Request Body	24
Response Syntax	25
Response Elements	25
Errors	25
See Also	26
CreateCustomVerificationEmailTemplate	27
Request Syntax	27
URI Request Parameters	27
Request Body	27
Response Syntax	29
Response Elements	29
Errors	29
See Also	30
CreateDedicatedIpPool	31
Request Syntax	31
URI Request Parameters	31
Request Body	31
Response Syntax	32
Response Elements	32
Errors	32
See Also	33
CreateDeliverabilityTestReport	34
Request Syntax	34
URI Request Parameters	36
Request Body	36

Response Syntax	37
Response Elements	37
Errors	37
See Also	39
CreateEmailIdentity	40
Request Syntax	40
URI Request Parameters	41
Request Body	41
Response Syntax	42
Response Elements	42
Errors	43
See Also	44
CreateEmailIdentityPolicy	45
Request Syntax	45
URI Request Parameters	45
Request Body	46
Response Syntax	46
Response Elements	46
Errors	46
See Also	47
CreateEmailTemplate	49
Request Syntax	49
URI Request Parameters	49
Request Body	49
Response Syntax	50
Response Elements	50
Errors	50
See Also	51
CreateExportJob	52
Request Syntax	52
URI Request Parameters	53
Request Body	53
Response Syntax	53
Response Elements	54
Errors	54
See Also	55

CreateImportJob	56
Request Syntax	56
URI Request Parameters	56
Request Body	56
Response Syntax	57
Response Elements	57
Errors	57
See Also	58
CreateMultiRegionEndpoint	59
Request Syntax	59
URI Request Parameters	59
Request Body	59
Response Syntax	60
Response Elements	60
Errors	61
See Also	62
CreateTenant	63
Request Syntax	63
URI Request Parameters	63
Request Body	63
Response Syntax	64
Response Elements	65
Errors	66
See Also	67
CreateTenantResourceAssociation	68
Request Syntax	68
URI Request Parameters	68
Request Body	68
Response Syntax	69
Response Elements	69
Errors	69
See Also	70
DeleteConfigurationSet	71
Request Syntax	71
URI Request Parameters	71
Request Body	71

Response Syntax	71
Response Elements	71
Errors	71
See Also	72
DeleteConfigurationSetEventDestination	73
Request Syntax	73
URI Request Parameters	73
Request Body	73
Response Syntax	73
Response Elements	73
Errors	74
See Also	74
DeleteContact	75
Request Syntax	75
URI Request Parameters	75
Request Body	75
Response Syntax	75
Response Elements	75
Errors	75
See Also	76
DeleteContactList	77
Request Syntax	77
URI Request Parameters	77
Request Body	77
Response Syntax	77
Response Elements	77
Errors	77
See Also	78
DeleteCustomVerificationEmailTemplate	79
Request Syntax	79
URI Request Parameters	79
Request Body	79
Response Syntax	79
Response Elements	79
Errors	79
See Also	80

DeleteDedicatedIpPool	81
Request Syntax	81
URI Request Parameters	81
Request Body	81
Response Syntax	81
Response Elements	81
Errors	81
See Also	82
DeleteEmailIdentity	83
Request Syntax	83
URI Request Parameters	83
Request Body	83
Response Syntax	83
Response Elements	83
Errors	83
See Also	84
DeleteEmailIdentityPolicy	85
Request Syntax	85
URI Request Parameters	85
Request Body	86
Response Syntax	86
Response Elements	86
Errors	86
See Also	86
DeleteEmailTemplate	88
Request Syntax	88
URI Request Parameters	88
Request Body	88
Response Syntax	88
Response Elements	88
Errors	88
See Also	89
DeleteMultiRegionEndpoint	90
Request Syntax	90
URI Request Parameters	90
Request Body	90

Response Syntax	90
Response Elements	90
Errors	91
See Also	92
DeleteSuppressedDestination	93
Request Syntax	93
URI Request Parameters	93
Request Body	93
Response Syntax	93
Response Elements	93
Errors	94
See Also	94
DeleteTenant	95
Request Syntax	95
URI Request Parameters	95
Request Body	95
Response Syntax	95
Response Elements	95
Errors	96
See Also	96
DeleteTenantResourceAssociation	97
Request Syntax	97
URI Request Parameters	97
Request Body	97
Response Syntax	98
Response Elements	98
Errors	98
See Also	98
GetAccount	100
Request Syntax	100
URI Request Parameters	100
Request Body	100
Response Syntax	100
Response Elements	101
Errors	103
See Also	103

GetBlacklistReports	105
Request Syntax	105
URI Request Parameters	105
Request Body	105
Response Syntax	105
Response Elements	106
Errors	106
See Also	106
GetConfigurationSet	108
Request Syntax	108
URI Request Parameters	108
Request Body	108
Response Syntax	108
Response Elements	110
Errors	111
See Also	112
GetConfigurationSetEventDestinations	113
Request Syntax	113
URI Request Parameters	113
Request Body	113
Response Syntax	113
Response Elements	114
Errors	114
See Also	115
GetContact	116
Request Syntax	116
URI Request Parameters	116
Request Body	116
Response Syntax	116
Response Elements	117
Errors	118
See Also	118
GetContactList	120
Request Syntax	120
URI Request Parameters	120
Request Body	120

Response Syntax	120
Response Elements	121
Errors	122
See Also	122
GetCustomVerificationEmailTemplate	124
Request Syntax	124
URI Request Parameters	124
Request Body	124
Response Syntax	124
Response Elements	125
Errors	126
See Also	126
GetDedicatedIp	128
Request Syntax	128
URI Request Parameters	128
Request Body	128
Response Syntax	128
Response Elements	129
Errors	129
See Also	129
GetDedicatedIpPool	131
Request Syntax	131
URI Request Parameters	131
Request Body	131
Response Syntax	131
Response Elements	131
Errors	132
See Also	132
GetDedicatedIps	134
Request Syntax	134
URI Request Parameters	134
Request Body	134
Response Syntax	134
Response Elements	135
Errors	135
See Also	136

GetDeliverabilityDashboardOptions	137
Request Syntax	137
URI Request Parameters	137
Request Body	137
Response Syntax	137
Response Elements	138
Errors	139
See Also	139
GetDeliverabilityTestReport	141
Request Syntax	141
URI Request Parameters	141
Request Body	141
Response Syntax	141
Response Elements	142
Errors	143
See Also	144
GetDomainDeliverabilityCampaign	145
Request Syntax	145
URI Request Parameters	145
Request Body	145
Response Syntax	145
Response Elements	146
Errors	146
See Also	147
GetDomainStatisticsReport	148
Request Syntax	148
URI Request Parameters	148
Request Body	148
Response Syntax	148
Response Elements	150
Errors	150
See Also	151
GetEmailAddressInsights	152
Request Syntax	152
URI Request Parameters	152
Request Body	152

Response Syntax	152
Response Elements	153
Errors	153
See Also	154
GetEmailIdentity	155
Request Syntax	155
URI Request Parameters	155
Request Body	155
Response Syntax	155
Response Elements	156
Errors	158
See Also	159
GetEmailIdentityPolicies	160
Request Syntax	160
URI Request Parameters	160
Request Body	160
Response Syntax	161
Response Elements	161
Errors	161
See Also	162
GetEmailTemplate	163
Request Syntax	163
URI Request Parameters	163
Request Body	163
Response Syntax	163
Response Elements	164
Errors	164
See Also	165
GetExportJob	166
Request Syntax	166
URI Request Parameters	166
Request Body	166
Response Syntax	166
Response Elements	168
Errors	169
See Also	170

GetImportJob	171
Request Syntax	171
URI Request Parameters	171
Request Body	171
Response Syntax	171
Response Elements	172
Errors	173
See Also	174
GetMessageInsights	175
Request Syntax	175
URI Request Parameters	175
Request Body	175
Response Syntax	175
Response Elements	176
Errors	177
See Also	178
GetMultiRegionEndpoint	179
Request Syntax	179
URI Request Parameters	179
Request Body	179
Response Syntax	179
Response Elements	180
Errors	181
See Also	181
GetReputationEntity	183
Request Syntax	183
URI Request Parameters	183
Request Body	183
Response Syntax	184
Response Elements	184
Errors	184
See Also	185
GetSuppressedDestination	186
Request Syntax	186
URI Request Parameters	186
Request Body	186

Response Syntax	186
Response Elements	187
Errors	187
See Also	188
GetTenant	189
Request Syntax	189
URI Request Parameters	189
Request Body	189
Response Syntax	189
Response Elements	190
Errors	190
See Also	191
ListConfigurationSets	192
Request Syntax	192
URI Request Parameters	192
Request Body	192
Response Syntax	192
Response Elements	193
Errors	193
See Also	193
ListContactLists	195
Request Syntax	195
URI Request Parameters	195
Request Body	195
Response Syntax	195
Response Elements	196
Errors	196
See Also	197
ListContacts	198
Request Syntax	198
URI Request Parameters	198
Request Body	198
Response Syntax	199
Response Elements	200
Errors	200
See Also	201

ListCustomVerificationEmailTemplates	202
Request Syntax	202
URI Request Parameters	202
Request Body	202
Response Syntax	202
Response Elements	203
Errors	203
See Also	204
ListDedicatedIps	205
Request Syntax	205
URI Request Parameters	205
Request Body	205
Response Syntax	205
Response Elements	205
Errors	206
See Also	206
ListDeliverabilityTestReports	208
Request Syntax	208
URI Request Parameters	208
Request Body	208
Response Syntax	208
Response Elements	209
Errors	209
See Also	210
ListDomainDeliverabilityCampaigns	211
Request Syntax	211
URI Request Parameters	211
Request Body	212
Response Syntax	212
Response Elements	212
Errors	213
See Also	213
ListEmailIdentities	215
Request Syntax	215
URI Request Parameters	215
Request Body	215

Response Syntax	215
Response Elements	216
Errors	216
See Also	217
ListEmailTemplates	218
Request Syntax	218
URI Request Parameters	218
Request Body	218
Response Syntax	218
Response Elements	219
Errors	219
See Also	220
ListExportJobs	221
Request Syntax	221
URI Request Parameters	221
Request Body	221
Response Syntax	222
Response Elements	222
Errors	223
See Also	223
ListImportJobs	225
Request Syntax	225
URI Request Parameters	225
Request Body	225
Response Syntax	226
Response Elements	226
Errors	227
See Also	227
ListMultiRegionEndpoints	229
Request Syntax	229
URI Request Parameters	229
Request Body	229
Response Syntax	229
Response Elements	230
Errors	230
See Also	231

ListRecommendations	232
Request Syntax	232
URI Request Parameters	232
Request Body	232
Response Syntax	233
Response Elements	234
Errors	234
See Also	235
ListReputationEntities	236
Request Syntax	236
URI Request Parameters	236
Request Body	236
Response Syntax	237
Response Elements	238
Errors	238
See Also	239
ListResourceTenants	240
Request Syntax	240
URI Request Parameters	240
Request Body	240
Response Syntax	241
Response Elements	241
Errors	242
See Also	242
ListSuppressedDestinations	244
Request Syntax	244
URI Request Parameters	244
Request Body	245
Response Syntax	245
Response Elements	245
Errors	246
See Also	246
ListTagsForResource	248
Request Syntax	248
URI Request Parameters	248
Request Body	248

Response Syntax	248
Response Elements	249
Errors	249
See Also	249
ListTenantResources	251
Request Syntax	251
URI Request Parameters	251
Request Body	251
Response Syntax	252
Response Elements	253
Errors	253
See Also	254
ListTenants	255
Request Syntax	255
URI Request Parameters	255
Request Body	255
Response Syntax	256
Response Elements	256
Errors	256
See Also	257
PutAccountDedicatedIpWarmupAttributes	258
Request Syntax	258
URI Request Parameters	258
Request Body	258
Response Syntax	258
Response Elements	258
Errors	259
See Also	259
PutAccountDetails	260
Request Syntax	260
URI Request Parameters	260
Request Body	260
Response Syntax	262
Response Elements	262
Errors	262
See Also	263

PutAccountSendingAttributes	264
Request Syntax	264
URI Request Parameters	264
Request Body	264
Response Syntax	264
Response Elements	265
Errors	265
See Also	265
PutAccountSuppressionAttributes	266
Request Syntax	266
URI Request Parameters	266
Request Body	266
Response Syntax	267
Response Elements	267
Errors	267
See Also	267
PutAccountVdmAttributes	269
Request Syntax	269
URI Request Parameters	269
Request Body	269
Response Syntax	270
Response Elements	270
Errors	270
See Also	270
PutConfigurationSetArchivingOptions	272
Request Syntax	272
URI Request Parameters	272
Request Body	272
Response Syntax	273
Response Elements	273
Errors	273
See Also	273
PutConfigurationSetDeliveryOptions	275
Request Syntax	275
URI Request Parameters	275
Request Body	275

Response Syntax	276
Response Elements	276
Errors	276
See Also	277
PutConfigurationSetReputationOptions	278
Request Syntax	278
URI Request Parameters	278
Request Body	278
Response Syntax	278
Response Elements	279
Errors	279
See Also	279
PutConfigurationSetSendingOptions	281
Request Syntax	281
URI Request Parameters	281
Request Body	281
Response Syntax	281
Response Elements	282
Errors	282
See Also	282
PutConfigurationSetSuppressionOptions	284
Request Syntax	284
URI Request Parameters	284
Request Body	284
Response Syntax	285
Response Elements	286
Errors	286
See Also	286
PutConfigurationSetTrackingOptions	288
Request Syntax	288
URI Request Parameters	288
Request Body	288
Response Syntax	289
Response Elements	289
Errors	289
See Also	289

PutConfigurationSetVdmOptions	291
Request Syntax	291
URI Request Parameters	291
Request Body	291
Response Syntax	292
Response Elements	292
Errors	292
See Also	292
PutDedicatedIpInPool	294
Request Syntax	294
URI Request Parameters	294
Request Body	294
Response Syntax	295
Response Elements	295
Errors	295
See Also	295
PutDedicatedIpPoolScalingAttributes	297
Request Syntax	297
URI Request Parameters	297
Request Body	297
Response Syntax	298
Response Elements	298
Errors	298
See Also	299
PutDedicatedIpWarmupAttributes	300
Request Syntax	300
URI Request Parameters	300
Request Body	300
Response Syntax	300
Response Elements	301
Errors	301
See Also	301
PutDeliverabilityDashboardOption	303
Request Syntax	303
URI Request Parameters	303
Request Body	303

Response Syntax	304
Response Elements	304
Errors	304
See Also	305
PutEmailIdentityConfigurationSetAttributes	306
Request Syntax	306
URI Request Parameters	306
Request Body	306
Response Syntax	306
Response Elements	307
Errors	307
See Also	307
PutEmailIdentityDkimAttributes	309
Request Syntax	309
URI Request Parameters	309
Request Body	309
Response Syntax	310
Response Elements	310
Errors	310
See Also	310
PutEmailIdentityDkimSigningAttributes	312
Request Syntax	312
URI Request Parameters	312
Request Body	313
Response Syntax	313
Response Elements	314
Errors	315
See Also	316
PutEmailIdentityFeedbackAttributes	317
Request Syntax	317
URI Request Parameters	317
Request Body	317
Response Syntax	318
Response Elements	318
Errors	318
See Also	319

PutEmailIdentityMailFromAttributes	320
Request Syntax	320
URI Request Parameters	320
Request Body	320
Response Syntax	321
Response Elements	321
Errors	321
See Also	322
PutSuppressedDestination	323
Request Syntax	323
URI Request Parameters	323
Request Body	323
Response Syntax	324
Response Elements	324
Errors	324
See Also	325
PutTenantSuppressionAttributes	326
Request Syntax	326
URI Request Parameters	326
Request Body	326
Response Syntax	327
Response Elements	327
Errors	327
See Also	328
SendBulkEmail	329
Request Syntax	329
URI Request Parameters	330
Request Body	331
Response Syntax	333
Response Elements	334
Errors	334
See Also	335
SendCustomVerificationEmail	337
Request Syntax	337
URI Request Parameters	337
Request Body	337

Response Syntax	338
Response Elements	338
Errors	338
See Also	339
SendEmail	341
Request Syntax	341
URI Request Parameters	343
Request Body	343
Response Syntax	346
Response Elements	347
Errors	347
See Also	348
TagResource	350
Request Syntax	350
URI Request Parameters	350
Request Body	350
Response Syntax	351
Response Elements	351
Errors	351
See Also	352
TestRenderEmailTemplate	353
Request Syntax	353
URI Request Parameters	353
Request Body	353
Response Syntax	354
Response Elements	354
Errors	354
See Also	355
UntagResource	356
Request Syntax	356
URI Request Parameters	356
Request Body	356
Response Syntax	356
Response Elements	357
Errors	357
See Also	357

UpdateConfigurationSetEventDestination	359
Request Syntax	359
URI Request Parameters	360
Request Body	360
Response Syntax	360
Response Elements	360
Errors	360
See Also	361
UpdateContact	362
Request Syntax	362
URI Request Parameters	362
Request Body	363
Response Syntax	363
Response Elements	363
Errors	363
See Also	364
UpdateContactList	365
Request Syntax	365
URI Request Parameters	365
Request Body	365
Response Syntax	366
Response Elements	366
Errors	366
See Also	367
UpdateCustomVerificationEmailTemplate	368
Request Syntax	368
URI Request Parameters	368
Request Body	368
Response Syntax	369
Response Elements	370
Errors	370
See Also	370
UpdateEmailIdentityPolicy	372
Request Syntax	372
URI Request Parameters	372
Request Body	373

Response Syntax	373
Response Elements	373
Errors	373
See Also	374
UpdateEmailTemplate	375
Request Syntax	375
URI Request Parameters	375
Request Body	375
Response Syntax	376
Response Elements	376
Errors	376
See Also	376
UpdateReputationEntityCustomerManagedStatus	378
Request Syntax	378
URI Request Parameters	378
Request Body	379
Response Syntax	379
Response Elements	379
Errors	379
See Also	380
UpdateReputationEntityPolicy	381
Request Syntax	381
URI Request Parameters	381
Request Body	382
Response Syntax	382
Response Elements	382
Errors	382
See Also	383
Data Types	384
AccountDetails	389
Contents	389
See Also	390
ArchivingOptions	392
Contents	392
See Also	392
Attachment	393

Contents	393
See Also	394
BatchGetMetricDataQuery	396
Contents	396
See Also	398
BlacklistEntry	399
Contents	399
See Also	399
Body	400
Contents	400
See Also	400
Bounce	401
Contents	401
See Also	401
BulkEmailContent	403
Contents	403
See Also	403
BulkEmailEntry	404
Contents	404
See Also	405
BulkEmailEntryResult	406
Contents	406
See Also	407
CloudWatchDestination	408
Contents	408
See Also	408
CloudWatchDimensionConfiguration	409
Contents	409
See Also	410
Complaint	411
Contents	411
See Also	411
Contact	412
Contents	412
See Also	413
ContactList	414

Contents	414
See Also	414
ContactListDestination	415
Contents	415
See Also	415
Content	416
Contents	416
See Also	416
CustomVerificationEmailTemplateMetadata	417
Contents	417
See Also	418
DailyVolume	419
Contents	419
See Also	419
DashboardAttributes	420
Contents	420
See Also	420
DashboardOptions	421
Contents	421
See Also	421
DedicatedIp	422
Contents	422
See Also	423
DedicatedIpPool	424
Contents	424
See Also	424
DeliverabilityTestReport	425
Contents	425
See Also	426
DeliveryOptions	427
Contents	427
See Also	427
Destination	429
Contents	429
See Also	430
Details	431

Contents	431
See Also	431
DkimAttributes	432
Contents	432
See Also	437
DkimSigningAttributes	438
Contents	438
See Also	441
DomainDeliverabilityCampaign	442
Contents	442
See Also	444
DomainDeliverabilityTrackingOption	446
Contents	446
See Also	446
DomainIspPlacement	448
Contents	448
See Also	449
EmailAddressInsightsMailboxEvaluations	450
Contents	450
See Also	451
EmailAddressInsightsVerdict	452
Contents	452
See Also	452
EmailContent	453
Contents	453
See Also	454
EmailInsights	455
Contents	455
See Also	455
EmailTemplateContent	456
Contents	456
See Also	456
EmailTemplateMetadata	457
Contents	457
See Also	457
EventBridgeDestination	458

Contents	458
See Also	458
EventDestination	459
Contents	459
See Also	461
EventDestinationDefinition	463
Contents	463
See Also	464
EventDetails	466
Contents	466
See Also	466
ExportDataSource	467
Contents	467
See Also	467
ExportDestination	468
Contents	468
See Also	468
ExportJobSummary	469
Contents	469
See Also	470
ExportMetric	471
Contents	471
See Also	472
ExportStatistics	473
Contents	473
See Also	473
FailureInfo	474
Contents	474
See Also	474
GuardianAttributes	475
Contents	475
See Also	475
GuardianOptions	476
Contents	476
See Also	476
IdentityInfo	477

Contents	477
See Also	478
ImportDataSource	479
Contents	479
See Also	479
ImportDestination	480
Contents	480
See Also	480
ImportJobSummary	481
Contents	481
See Also	482
InboxPlacementTrackingOption	483
Contents	483
See Also	483
InsightsEvent	484
Contents	484
See Also	485
IspPlacement	486
Contents	486
See Also	486
KinesisFirehoseDestination	487
Contents	487
See Also	487
ListContactsFilter	488
Contents	488
See Also	488
ListManagementOptions	489
Contents	489
See Also	489
MailboxValidation	490
Contents	490
See Also	490
MailFromAttributes	491
Contents	491
See Also	492
Message	493

Contents	493
See Also	494
MessageHeader	495
Contents	495
See Also	495
MessageInsightsDataSource	497
Contents	497
See Also	498
MessageInsightsFilters	499
Contents	499
See Also	501
MessageTag	502
Contents	502
See Also	502
MetricDataError	503
Contents	503
See Also	503
MetricDataResult	505
Contents	505
See Also	505
MetricsDataSource	506
Contents	506
See Also	507
MultiRegionEndpoint	508
Contents	508
See Also	509
OverallVolume	510
Contents	510
See Also	510
PinpointDestination	511
Contents	511
See Also	511
PlacementStatistics	512
Contents	512
See Also	513
RawMessage	514

Contents	514
See Also	514
Recommendation	515
Contents	515
See Also	516
ReplacementEmailContent	517
Contents	517
See Also	517
ReplacementTemplate	518
Contents	518
See Also	518
ReputationEntity	519
Contents	519
See Also	521
ReputationOptions	522
Contents	522
See Also	522
ResourceTenantMetadata	523
Contents	523
See Also	523
ReviewDetails	525
Contents	525
See Also	525
Route	526
Contents	526
See Also	526
RouteDetails	527
Contents	527
See Also	527
SendingOptions	528
Contents	528
See Also	528
SendQuota	529
Contents	529
See Also	529
SnsDestination	531

Contents	531
See Also	531
SOARecord	532
Contents	532
See Also	532
StatusRecord	533
Contents	533
See Also	533
SuppressedDestination	535
Contents	535
See Also	536
SuppressedDestinationAttributes	537
Contents	537
See Also	537
SuppressedDestinationSummary	538
Contents	538
See Also	538
SuppressionAttributes	540
Contents	540
See Also	540
SuppressionConditionThreshold	542
Contents	542
See Also	542
SuppressionConfidenceThreshold	543
Contents	543
See Also	543
SuppressionListDestination	544
Contents	544
See Also	544
SuppressionOptions	545
Contents	545
See Also	546
SuppressionValidationAttributes	547
Contents	547
See Also	547
SuppressionValidationOptions	548

Contents	548
See Also	548
Tag	549
Contents	549
See Also	550
Template	551
Contents	551
See Also	552
Tenant	554
Contents	554
See Also	555
TenantInfo	556
Contents	556
See Also	556
TenantResource	558
Contents	558
See Also	558
TenantSuppressionAttributes	559
Contents	559
See Also	560
Topic	561
Contents	561
See Also	561
TopicFilter	563
Contents	563
See Also	563
TopicPreference	564
Contents	564
See Also	564
TrackingOptions	565
Contents	565
See Also	565
VdmAttributes	566
Contents	566
See Also	566
VdmOptions	568

Contents	568
See Also	568
VerificationInfo	569
Contents	569
See Also	570
VolumeStatistics	572
Contents	572
See Also	572
Common Parameters	574
Common Error Types	577

Welcome

Welcome to the Amazon SES API v2 Reference. This guide provides information about the Amazon SES API v2, including supported operations, data types, parameters, and schemas.

[Amazon SES](#) is an AWS service that you can use to send email messages to your customers.

If you're new to Amazon SES API v2, you might find it helpful to review the [Amazon Simple Email Service Developer Guide](#). The *Amazon SES Developer Guide* provides information and code samples that demonstrate how to use Amazon SES API v2 features programmatically.

The Amazon SES API v2 is available in several AWS Regions and it provides an endpoint for each of these Regions. For more information, see [Amazon SES endpoints and quotas](#) in the *Amazon Web Services General Reference*. To learn more about AWS Regions, see [Managing AWS Regions](#) in the *Amazon Web Services General Reference*.

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Actions

The following actions are supported:

- [BatchGetMetricData](#)
- [CancelExportJob](#)
- [CreateConfigurationSet](#)
- [CreateConfigurationSetEventDestination](#)
- [CreateContact](#)
- [CreateContactList](#)
- [CreateCustomVerificationEmailTemplate](#)
- [CreateDedicatedIpPool](#)
- [CreateDeliverabilityTestReport](#)
- [CreateEmailIdentity](#)
- [CreateEmailIdentityPolicy](#)
- [CreateEmailTemplate](#)
- [CreateExportJob](#)
- [CreateImportJob](#)
- [CreateMultiRegionEndpoint](#)
- [CreateTenant](#)
- [CreateTenantResourceAssociation](#)
- [DeleteConfigurationSet](#)
- [DeleteConfigurationSetEventDestination](#)
- [DeleteContact](#)
- [DeleteContactList](#)
- [DeleteCustomVerificationEmailTemplate](#)
- [DeleteDedicatedIpPool](#)
- [DeleteEmailIdentity](#)
- [DeleteEmailIdentityPolicy](#)
- [DeleteEmailTemplate](#)
- [DeleteMultiRegionEndpoint](#)

- [DeleteSuppressedDestination](#)
- [DeleteTenant](#)
- [DeleteTenantResourceAssociation](#)
- [GetAccount](#)
- [GetBlacklistReports](#)
- [GetConfigurationSet](#)
- [GetConfigurationSetEventDestinations](#)
- [GetContact](#)
- [GetContactList](#)
- [GetCustomVerificationEmailTemplate](#)
- [GetDedicatedIp](#)
- [GetDedicatedIpPool](#)
- [GetDedicatedIps](#)
- [GetDeliverabilityDashboardOptions](#)
- [GetDeliverabilityTestReport](#)
- [GetDomainDeliverabilityCampaign](#)
- [GetDomainStatisticsReport](#)
- [GetEmailAddressInsights](#)
- [GetEmailIdentity](#)
- [GetEmailIdentityPolicies](#)
- [GetEmailTemplate](#)
- [GetExportJob](#)
- [GetImportJob](#)
- [GetMessageInsights](#)
- [GetMultiRegionEndpoint](#)
- [GetReputationEntity](#)
- [GetSuppressedDestination](#)
- [GetTenant](#)
- [ListConfigurationSets](#)
- [ListContactLists](#)

- [ListContacts](#)
- [ListCustomVerificationEmailTemplates](#)
- [ListDedicatedIpPools](#)
- [ListDeliverabilityTestReports](#)
- [ListDomainDeliverabilityCampaigns](#)
- [ListEmailIdentities](#)
- [ListEmailTemplates](#)
- [ListExportJobs](#)
- [ListImportJobs](#)
- [ListMultiRegionEndpoints](#)
- [ListRecommendations](#)
- [ListReputationEntities](#)
- [ListResourceTenants](#)
- [ListSuppressedDestinations](#)
- [ListTagsForResource](#)
- [ListTenantResources](#)
- [ListTenants](#)
- [PutAccountDedicatedIpWarmupAttributes](#)
- [PutAccountDetails](#)
- [PutAccountSendingAttributes](#)
- [PutAccountSuppressionAttributes](#)
- [PutAccountVdmAttributes](#)
- [PutConfigurationSetArchivingOptions](#)
- [PutConfigurationSetDeliveryOptions](#)
- [PutConfigurationSetReputationOptions](#)
- [PutConfigurationSetSendingOptions](#)
- [PutConfigurationSetSuppressionOptions](#)
- [PutConfigurationSetTrackingOptions](#)
- [PutConfigurationSetVdmOptions](#)
- [PutDedicatedIpInPool](#)

- [PutDedicatedIpPoolScalingAttributes](#)
- [PutDedicatedIpWarmupAttributes](#)
- [PutDeliverabilityDashboardOption](#)
- [PutEmailIdentityConfigurationSetAttributes](#)
- [PutEmailIdentityDkimAttributes](#)
- [PutEmailIdentityDkimSigningAttributes](#)
- [PutEmailIdentityFeedbackAttributes](#)
- [PutEmailIdentityMailFromAttributes](#)
- [PutSuppressedDestination](#)
- [PutTenantSuppressionAttributes](#)
- [SendBulkEmail](#)
- [SendCustomVerificationEmail](#)
- [SendEmail](#)
- [TagResource](#)
- [TestRenderEmailTemplate](#)
- [UntagResource](#)
- [UpdateConfigurationSetEventDestination](#)
- [UpdateContact](#)
- [UpdateContactList](#)
- [UpdateCustomVerificationEmailTemplate](#)
- [UpdateEmailIdentityPolicy](#)
- [UpdateEmailTemplate](#)
- [UpdateReputationEntityCustomerManagedStatus](#)
- [UpdateReputationEntityPolicy](#)

BatchGetMetricData

Retrieves batches of metric data collected based on your sending activity.

You can execute this operation no more than 16 times per second, and with at most 160 queries from the batches per second (cumulative).

Request Syntax

```
POST /v2/email/metrics/batch HTTP/1.1
```

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

```
{
  "Queries": [
    {
      "Dimensions": {
        "string" : "string"
      },
      "EndDate": number,
      "Id": "string",
      "Metric": "string",
      "Namespace": "string",
      "StartDate": number
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Queries

A list of queries for metrics to be retrieved.

Type: Array of [BatchGetMetricDataQuery](#) objects

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: Yes

Response Syntax

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

{
  "Errors": [
    {
      "Code": "string",
      "Id": "string",
      "Message": "string"
    }
  ],
  "Results": [
    {
      "Id": "string",
      "Timestamps": [ number ],
      "Values": [ 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.

Errors

A list of `MetricDataError` encountered while processing your metric data batch request.

Type: Array of [MetricDataError](#) objects

Results

A list of successfully retrieved `MetricDataResult`.

Type: Array of [MetricDataResult](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

InternalServerErrorException

The request couldn't be processed because an error occurred with the Amazon SES API v2.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

CancelExportJob

Cancels an export job.

Request Syntax

```
PUT /v2/email/export-jobs/JobId/cancel HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

JobId

The export job ID.

Length Constraints: Minimum length of 1.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

See Also

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

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- [AWS SDK for Ruby V3](#)

CreateConfigurationSet

Create a configuration set. *Configuration sets* are groups of rules that you can apply to the emails that you send. You apply a configuration set to an email by specifying the name of the configuration set when you call the Amazon SES API v2. When you apply a configuration set to an email, all of the rules in that configuration set are applied to the email.

Request Syntax

```
POST /v2/email/configuration-sets HTTP/1.1
```

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

```
{
  "ArchivingOptions": {
    "ArchiveArn": "string"
  },
  "ConfigurationSetName": "string",
  "DeliveryOptions": {
    "MaxDeliverySeconds": number,
    "SendingPoolName": "string",
    "TlsPolicy": "string"
  },
  "ReputationOptions": {
    "LastFreshStart": number,
    "ReputationMetricsEnabled": boolean
  },
  "SendingOptions": {
    "SendingEnabled": boolean
  },
  "SuppressionOptions": {
    "SuppressedReasons": [ "string" ],
    "SuppressionScope": "string",
    "ValidationOptions": {
      "ConditionThreshold": {
        "ConditionThresholdEnabled": "string",
        "OverallConfidenceThreshold": {
          "ConfidenceVerdictThreshold": "string"
        }
      }
    }
  },
  "Tags": [
```

```
{
  "Key": "string",
  "Value": "string"
},
"TrackingOptions": {
  "CustomRedirectDomain": "string",
  "HttpsPolicy": "string"
},
"VdmOptions": {
  "DashboardOptions": {
    "EngagementMetrics": "string"
  },
  "GuardianOptions": {
    "OptimizedSharedDelivery": "string"
  }
}
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ArchivingOptions

An object that defines the MailManager archiving options for emails that you send using the configuration set.

Type: [ArchivingOptions](#) object

Required: No

ConfigurationSetName

The name of the configuration set. The name can contain up to 64 alphanumeric characters, including letters, numbers, hyphens (-) and underscores (_) only.

Type: String

Required: Yes

DeliveryOptions

An object that defines the dedicated IP pool that is used to send emails that you send using the configuration set.

Type: [DeliveryOptions](#) object

Required: No

ReputationOptions

An object that defines whether or not Amazon SES collects reputation metrics for the emails that you send that use the configuration set.

Type: [ReputationOptions](#) object

Required: No

SendingOptions

An object that defines whether or not Amazon SES can send email that you send using the configuration set.

Type: [SendingOptions](#) object

Required: No

SuppressionOptions

An object that contains information about the suppression list preferences for the configuration set. You can optionally include a `SuppressionScope` to override the tenant or account suppression scope for emails sent using this configuration set.

Type: [SuppressionOptions](#) object

Required: No

Tags

An array of objects that define the tags (keys and values) to associate with the configuration set.

Type: Array of [Tag](#) objects

Required: No

TrackingOptions

An object that defines the open and click tracking options for emails that you send using the configuration set.

Type: [TrackingOptions](#) object

Required: No

VdmOptions

An object that defines the VDM options for emails that you send using the configuration set.

Type: [VdmOptions](#) object

Required: No

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](#).

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

See Also

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

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CreateConfigurationSetEventDestination

Create an event destination. *Events* include message sends, deliveries, opens, clicks, bounces, and complaints. *Event destinations* are places that you can send information about these events to. For example, you can send event data to Amazon EventBridge and associate a rule to send the event to the specified target.

A single configuration set can include more than one event destination.

Request Syntax

```
POST /v2/email/configuration-sets/ConfigurationSetName/event-destinations HTTP/1.1
Content-type: application/json
```

```
{
  "EventDestination": {
    "CloudWatchDestination": {
      "DimensionConfigurations": [
        {
          "DefaultDimensionValue": "string",
          "DimensionName": "string",
          "DimensionValueSource": "string"
        }
      ]
    },
    "Enabled": boolean,
    "EventBridgeDestination": {
      "EventBusArn": "string"
    },
    "KinesisFirehoseDestination": {
      "DeliveryStreamArn": "string",
      "IamRoleArn": "string"
    },
    "MatchingEventTypes": [ "string" ],
    "PinpointDestination": {
      "ApplicationArn": "string"
    },
    "SnsDestination": {
      "TopicArn": "string"
    }
  },
  "EventDestinationName": "string"
}
```

```
}
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set .

Required: Yes

Request Body

The request accepts the following data in JSON format.

EventDestination

An object that defines the event destination.

Type: [EventDestinationDefinition](#) object

Required: Yes

EventDestinationName

A name that identifies the event destination within the configuration set.

Type: String

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](#).

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

See Also

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

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

CreateContact

Creates a contact, which is an end-user who is receiving the email, and adds them to a contact list.

Request Syntax

```
POST /v2/email/contact-lists/ContactListName/contacts HTTP/1.1
Content-type: application/json
```

```
{
  "AttributesData": "string",
  "EmailAddress": "string",
  "TopicPreferences": [
    {
      "SubscriptionStatus": "string",
      "TopicName": "string"
    }
  ],
  "UnsubscribeAll": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

ContactListName

The name of the contact list to which the contact should be added.

Required: Yes

Request Body

The request accepts the following data in JSON format.

AttributesData

The attribute data attached to a contact.

Type: String

Required: No

EmailAddress

The contact's email address.

Type: String

Required: Yes

TopicPreferences

The contact's preferences for being opted-in to or opted-out of topics.

Type: Array of [TopicPreference](#) objects

Required: No

UnsubscribeAll

A boolean value status noting if the contact is unsubscribed from all contact list topics.

Type: Boolean

Required: No

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](#).

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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++](#)
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- [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](#)

CreateContactList

Creates a contact list.

Request Syntax

```
POST /v2/email/contact-lists HTTP/1.1
Content-type: application/json

{
  "ContactListName": "string",
  "Description": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "Topics": [
    {
      "DefaultSubscriptionStatus": "string",
      "Description": "string",
      "DisplayName": "string",
      "TopicName": "string"
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ContactListName

The name of the contact list.

Type: String

Required: Yes

Description

A description of what the contact list is about.

Type: String

Required: No

Tags

The tags associated with a contact list.

Type: Array of [Tag](#) objects

Required: No

Topics

An interest group, theme, or label within a list. A contact list can have multiple topics.

Type: Array of [Topic](#) objects

Required: No

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](#).

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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

CreateCustomVerificationEmailTemplate

Creates a new custom verification email template.

For more information about custom verification email templates, see [Using custom verification email templates](#) in the *Amazon SES Developer Guide*.

You can execute this operation no more than once per second.

Request Syntax

```
POST /v2/email/custom-verification-email-templates HTTP/1.1
Content-type: application/json
```

```
{
  "FailureRedirectionURL": "string",
  "FromEmailAddress": "string",
  "SuccessRedirectionURL": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "TemplateContent": "string",
  "TemplateName": "string",
  "TemplateSubject": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[FailureRedirectionURL](#)

The URL that the recipient of the verification email is sent to if his or her address is not successfully verified.

Type: String

Required: Yes

FromEmailAddress

The email address that the custom verification email is sent from.

Type: String

Required: Yes

SuccessRedirectionURL

The URL that the recipient of the verification email is sent to if his or her address is successfully verified.

Type: String

Required: Yes

Tags

An array of objects that define the tags (keys and values) to associate with the custom verification email template.

Type: Array of [Tag](#) objects

Required: No

TemplateContent

The content of the custom verification email. The total size of the email must be less than 10 MB. The message body may contain HTML, with some limitations. For more information, see [Custom verification email frequently asked questions](#) in the *Amazon SES Developer Guide*.

Type: String

Required: Yes

TemplateName

The name of the custom verification email template.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

TemplateSubject

The subject line of the custom verification email.

Type: String

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](#).

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

See Also

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

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

CreateDedicatedIpPool

Create a new pool of dedicated IP addresses. A pool can include one or more dedicated IP addresses that are associated with your AWS account. You can associate a pool with a configuration set. When you send an email that uses that configuration set, the message is sent from one of the addresses in the associated pool.

Request Syntax

```
POST /v2/email/dedicated-ip-pools HTTP/1.1
Content-type: application/json

{
  "PoolName": "string",
  "ScalingMode": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

PoolName

The name of the dedicated IP pool.

Type: String

Required: Yes

ScalingMode

The type of scaling mode.

Type: String

Valid Values: STANDARD | MANAGED

Required: No

Tags

An object that defines the tags (keys and values) that you want to associate with the pool.

Type: Array of [Tag](#) objects

Required: No

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](#).

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

See Also

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

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

CreateDeliverabilityTestReport

Create a new predictive inbox placement test. Predictive inbox placement tests can help you predict how your messages will be handled by various email providers around the world. When you perform a predictive inbox placement test, you provide a sample message that contains the content that you plan to send to your customers. Amazon SES then sends that message to special email addresses spread across several major email providers. After about 24 hours, the test is complete, and you can use the `GetDeliverabilityTestReport` operation to view the results of the test.

Request Syntax

```
POST /v2/email/deliverability-dashboard/test HTTP/1.1
Content-type: application/json
```

```
{
  "Content": {
    "Raw": {
      "Data": blob
    },
    "Simple": {
      "Attachments": [
        {
          "ContentDescription": "string",
          "ContentDisposition": "string",
          "ContentId": "string",
          "ContentTransferEncoding": "string",
          "ContentType": "string",
          "FileName": "string",
          "RawContent": blob
        }
      ],
      "Body": {
        "Html": {
          "Charset": "string",
          "Data": "string"
        },
        "Text": {
          "Charset": "string",
          "Data": "string"
        }
      }
    }
  },
}
```

```
    "Headers": [
      {
        "Name": "string",
        "Value": "string"
      }
    ],
    "Subject": {
      "Charset": "string",
      "Data": "string"
    }
  },
  "Template": {
    "Attachments": [
      {
        "ContentDescription": "string",
        "ContentDisposition": "string",
        "ContentId": "string",
        "ContentTransferEncoding": "string",
        "ContentType": "string",
        "FileName": "string",
        "RawContent": blob
      }
    ],
    "Headers": [
      {
        "Name": "string",
        "Value": "string"
      }
    ],
    "TemplateArn": "string",
    "TemplateContent": {
      "Html": "string",
      "Subject": "string",
      "Text": "string"
    },
    "TemplateData": "string",
    "TemplateName": "string"
  }
},
"FromEmailAddress": "string",
"ReportName": "string",
"Tags": [
  {
    "Key": "string",
```

```
    "Value": "string"  
  }  
]  
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Content

The HTML body of the message that you sent when you performed the predictive inbox placement test.

Type: [EmailContent](#) object

Required: Yes

FromEmailAddress

The email address that the predictive inbox placement test email was sent from.

Type: String

Required: Yes

ReportName

A unique name that helps you to identify the predictive inbox placement test when you retrieve the results.

Type: String

Required: No

Tags

An array of objects that define the tags (keys and values) that you want to associate with the predictive inbox placement test.

Type: Array of [Tag](#) objects

Required: No

Response Syntax

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

{
  "DeliverabilityTestStatus": "string",
  "ReportId": "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.

[DeliverabilityTestStatus](#)

The status of the predictive inbox placement test. If the status is IN_PROGRESS, then the predictive inbox placement test is currently running. Predictive inbox placement tests are usually complete within 24 hours of creating the test. If the status is COMPLETE, then the test is finished, and you can use the `GetDeliverabilityTestReport` to view the results of the test.

Type: String

Valid Values: IN_PROGRESS | COMPLETED

[ReportId](#)

A unique string that identifies the predictive inbox placement test.

Type: String

Errors

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

AccountSuspendedException

The message can't be sent because the account's ability to send email has been permanently restricted.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

MailFromDomainNotVerifiedException

The message can't be sent because the sending domain isn't verified.

HTTP Status Code: 400

MessageRejected

The message can't be sent because it contains invalid content.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

SendingPausedException

The message can't be sent because the account's ability to send email is currently paused.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

CreateEmailIdentity

Starts the process of verifying an email identity. An *identity* is an email address or domain that you use when you send email. Before you can use an identity to send email, you first have to verify it. By verifying an identity, you demonstrate that you're the owner of the identity, and that you've given Amazon SES API v2 permission to send email from the identity.

When you verify an email address, Amazon SES sends an email to the address. Your email address is verified as soon as you follow the link in the verification email.

When you verify a domain without specifying the `DkimSigningAttributes` object, this operation provides a set of DKIM tokens. You can convert these tokens into CNAME records, which you then add to the DNS configuration for your domain. Your domain is verified when Amazon SES detects these records in the DNS configuration for your domain. This verification method is known as [Easy DKIM](#).

Alternatively, you can perform the verification process by providing your own public-private key pair. This verification method is known as Bring Your Own DKIM (BYODKIM). To use BYODKIM, your call to the `CreateEmailIdentity` operation has to include the `DkimSigningAttributes` object. When you specify this object, you provide a selector (a component of the DNS record name that identifies the public key to use for DKIM authentication) and a private key.

When you verify a domain, this operation provides a set of DKIM tokens, which you can convert into CNAME tokens. You add these CNAME tokens to the DNS configuration for your domain. Your domain is verified when Amazon SES detects these records in the DNS configuration for your domain. For some DNS providers, it can take 72 hours or more to complete the domain verification process.

Additionally, you can associate an existing configuration set with the email identity that you're verifying.

Request Syntax

```
POST /v2/email/identities HTTP/1.1
Content-type: application/json

{
  "ConfigurationSetName": "string",
  "DkimSigningAttributes": {
```

```
    "DomainSigningAttributesOrigin": "string",
    "DomainSigningPrivateKey": "string",
    "DomainSigningSelector": "string",
    "NextSigningKeyLength": "string"
  },
  "EmailIdentity": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ConfigurationSetName

The configuration set to use by default when sending from this identity. Note that any configuration set defined in the email sending request takes precedence.

Type: String

Required: No

DkimSigningAttributes

If your request includes this object, Amazon SES configures the identity to use Bring Your Own DKIM (BYODKIM) for DKIM authentication purposes, or, configures the key length to be used for [Easy DKIM](#).

You can only specify this object if the email identity is a domain, as opposed to an address.

Type: [DkimSigningAttributes](#) object

Required: No

EmailIdentity

The email address or domain to verify.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

Tags

An array of objects that define the tags (keys and values) to associate with the email identity.

Type: Array of [Tag](#) objects

Required: No

Response Syntax

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

{
  "DkimAttributes": {
    "CurrentSigningKeyLength": "string",
    "LastKeyGenerationTimestamp": number,
    "NextSigningKeyLength": "string",
    "SigningAttributesOrigin": "string",
    "SigningEnabled": boolean,
    "SigningHostedZone": "string",
    "Status": "string",
    "Tokens": [ "string" ]
  },
  "IdentityType": "string",
  "VerifiedForSendingStatus": boolean
}
```

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.

DkimAttributes

An object that contains information about the DKIM attributes for the identity.

Type: [DkimAttributes](#) object

IdentityType

The email identity type. Note: the MANAGED_DOMAIN identity type is not supported.

Type: String

Valid Values: EMAIL_ADDRESS | DOMAIN | MANAGED_DOMAIN

VerifiedForSendingStatus

Specifies whether or not the identity is verified. You can only send email from verified email addresses or domains. For more information about verifying identities, see the [Amazon Pinpoint User Guide](#).

Type: Boolean

Errors

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

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

CreateEmailIdentityPolicy

Creates the specified sending authorization policy for the given identity (an email address or a domain).

Note

This API is for the identity owner only. If you have not verified the identity, this API will return an error.

Sending authorization is a feature that enables an identity owner to authorize other senders to use its identities. For information about using sending authorization, see the [Amazon SES Developer Guide](#).

You can execute this operation no more than once per second.

Request Syntax

```
POST /v2/email/identities/EmailIdentity/policies/PolicyName HTTP/1.1
Content-type: application/json

{
  "Policy": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The email identity.

Length Constraints: Minimum length of 1.

Required: Yes

PolicyName

The name of the policy.

The policy name cannot exceed 64 characters and can only include alphanumeric characters, dashes, and underscores.

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

Required: Yes

Request Body

The request accepts the following data in JSON format.

Policy

The text of the policy in JSON format. The policy cannot exceed 4 KB.

For information about the syntax of sending authorization policies, see the [Amazon SES Developer Guide](#).

Type: String

Length Constraints: Minimum length of 1.

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](#).

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

CreateEmailTemplate

Creates an email template. Email templates enable you to send personalized email to one or more destinations in a single API operation. For more information, see the [Amazon SES Developer Guide](#).

You can execute this operation no more than once per second.

Request Syntax

```
POST /v2/email/templates HTTP/1.1
Content-type: application/json
```

```
{
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "TemplateContent": {
    "Html": "string",
    "Subject": "string",
    "Text": "string"
  },
  "TemplateName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Tags

An array of objects that define the tags (keys and values) to associate with the email template.

Type: Array of [Tag](#) objects

Required: No

TemplateContent

The content of the email template, composed of a subject line, an HTML part, and a text-only part.

Type: [EmailTemplateContent](#) object

Required: Yes

TemplateName

The name of the template.

Type: String

Length Constraints: Minimum length of 1.

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](#).

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

CreateExportJob

Creates an export job for a data source and destination.

You can execute this operation no more than once per second.

Request Syntax

```
POST /v2/email/export-jobs HTTP/1.1
```

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

```
{
  "ExportDataSource": {
    "MessageInsightsDataSource": {
      "EndDate": number,
      "Exclude": {
        "Destination": [ "string" ],
        "FromEmailAddress": [ "string" ],
        "Isp": [ "string" ],
        "LastDeliveryEvent": [ "string" ],
        "LastEngagementEvent": [ "string" ],
        "Subject": [ "string" ]
      },
      "Include": {
        "Destination": [ "string" ],
        "FromEmailAddress": [ "string" ],
        "Isp": [ "string" ],
        "LastDeliveryEvent": [ "string" ],
        "LastEngagementEvent": [ "string" ],
        "Subject": [ "string" ]
      },
      "MaxResults": number,
      "StartDate": number
    },
    "MetricsDataSource": {
      "Dimensions": {
        "string" : [ "string" ]
      },
      "EndDate": number,
      "Metrics": [
        {
          "Aggregation": "string",
          "Name": "string"
        }
      ]
    }
  }
}
```

```
    }  
  ],  
  "Namespace": "string",  
  "StartDate": number  
}  
,  
"ExportDestination": {  
  "DataFormat": "string",  
  "S3Url": "string"  
}  
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ExportDataSource

The data source for the export job.

Type: [ExportDataSource](#) object

Required: Yes

ExportDestination

The destination for the export job.

Type: [ExportDestination](#) object

Required: Yes

Response Syntax

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

```
"JobId": "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.

[JobId](#)

A string that represents the export job ID.

Type: String

Length Constraints: Minimum length of 1.

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

CreateImportJob

Creates an import job for a data destination.

Request Syntax

```
POST /v2/email/import-jobs HTTP/1.1
Content-type: application/json

{
  "ImportDataSource": {
    "DataFormat": "string",
    "S3Url": "string"
  },
  "ImportDestination": {
    "ContactListDestination": {
      "ContactListImportAction": "string",
      "ContactListName": "string"
    },
    "SuppressionListDestination": {
      "SuppressionListImportAction": "string"
    }
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ImportDataSource

The data source for the import job.

Type: [ImportDataSource](#) object

Required: Yes

ImportDestination

The destination for the import job.

Type: [ImportDestination](#) object

Required: Yes

Response Syntax

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

{
  "JobId": "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.

JobId

A string that represents the import job ID.

Type: String

Length Constraints: Minimum length of 1.

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

CreateMultiRegionEndpoint

Creates a multi-region endpoint (global-endpoint).

The primary region is going to be the AWS-Region where the operation is executed. The secondary region has to be provided in request's parameters. From the data flow standpoint there is no difference between primary and secondary regions - sending traffic will be split equally between the two. The primary region is the region where the resource has been created and where it can be managed.

Request Syntax

```
POST /v2/email/multi-region-endpoints HTTP/1.1
Content-type: application/json
```

```
{
  "Details": {
    "RoutesDetails": [
      {
        "Region": "string"
      }
    ]
  },
  "EndpointName": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Details

Contains details of a multi-region endpoint (global-endpoint) being created.

Type: [Details](#) object

Required: Yes

EndpointName

The name of the multi-region endpoint (global-endpoint).

Type: String

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

Pattern: `^[\\w\\-\\_]+$`

Required: Yes

Tags

An array of objects that define the tags (keys and values) to associate with the multi-region endpoint (global-endpoint).

Type: Array of [Tag](#) objects

Required: No

Response Syntax

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

{
  "EndpointId": "string",
  "Status": "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.

EndpointId

The ID of the multi-region endpoint (global-endpoint).

Type: String

Status

A status of the multi-region endpoint (global-endpoint) right after the create request.

- CREATING – The resource is being provisioned.
- READY – The resource is ready to use.
- FAILED – The resource failed to be provisioned.
- DELETING – The resource is being deleted as requested.

Type: String

Valid Values: CREATING | READY | FAILED | DELETING

Errors

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

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

CreateTenant

Create a tenant.

Tenants are logical containers that group related SES resources together. Each tenant can have its own set of resources like email identities, configuration sets, and templates, along with reputation metrics and sending status. This helps isolate and manage email sending for different customers or business units within your Amazon SES API v2 account.

You can optionally specify `SuppressionAttributes` to configure tenant-level suppression at creation time. When tenant-level suppression is enabled, Amazon SES maintains a separate suppression list for the tenant instead of using the account-level suppression list.

Request Syntax

```
POST /v2/email/tenants HTTP/1.1
Content-type: application/json

{
  "SuppressionAttributes": {
    "SuppressedReasons": [ "string" ],
    "SuppressionScope": "string"
  },
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "TenantName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

SuppressionAttributes

An object that contains information about the suppression list preferences for the tenant. Use this to configure tenant-level suppression at creation time.

Type: [TenantSuppressionAttributes](#) object

Required: No

Tags

An array of objects that define the tags (keys and values) to associate with the tenant

Type: Array of [Tag](#) objects

Required: No

TenantName

The name of the tenant to create. The name can contain up to 64 alphanumeric characters, including letters, numbers, hyphens (-) and underscores (_) only.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

Response Syntax

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

{
  "CreatedTimestamp": number,
  "SendingStatus": "string",
  "SuppressionAttributes": {
    "SuppressedReasons": [ "string" ],
    "SuppressionScope": "string"
  },
  "Tags": [
    {
```

```
    "Key": "string",  
    "Value": "string"  
  },  
  ],  
  "TenantArn": "string",  
  "TenantId": "string",  
  "TenantName": "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.

CreatedTimestamp

The date and time when the tenant was created.

Type: Timestamp

SendingStatus

The status of email sending capability for the tenant.

Type: String

Valid Values: ENABLED | REINSTATED | DISABLED

SuppressionAttributes

An object that contains the suppression list preferences for a tenant.

Type: [TenantSuppressionAttributes](#) object

Tags

An array of objects that define the tags (keys and values) associated with the tenant.

Type: Array of [Tag](#) objects

TenantArn

The Amazon Resource Name (ARN) of the tenant.

Type: String

Length Constraints: Minimum length of 1.

TenantId

A unique identifier for the tenant.

Type: String

TenantName

The name of the tenant.

Type: String

Length Constraints: Minimum length of 1.

Errors

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

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

CreateTenantResourceAssociation

Associate a resource with a tenant.

Resources can be email identities, configuration sets, or email templates. When you associate a resource with a tenant, you can use that resource when sending emails on behalf of that tenant.

A single resource can be associated with multiple tenants, allowing for resource sharing across different tenants while maintaining isolation in email sending operations.

Request Syntax

```
POST /v2/email/tenants/resources HTTP/1.1
Content-type: application/json

{
  "ResourceArn": "string",
  "TenantName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[ResourceArn](#)

The Amazon Resource Name (ARN) of the resource to associate with the tenant.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

[TenantName](#)

The name of the tenant to associate the resource with.

Type: String

Length Constraints: Minimum length of 1.

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](#).

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteConfigurationSet

Delete an existing configuration set.

Configuration sets are groups of rules that you can apply to the emails you send. You apply a configuration set to an email by including a reference to the configuration set in the headers of the email. When you apply a configuration set to an email, all of the rules in that configuration set are applied to the email.

Request Syntax

```
DELETE /v2/email/configuration-sets/ConfigurationSetName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteConfigurationSetEventDestination

Delete an event destination.

Events include message sends, deliveries, opens, clicks, bounces, and complaints. *Event destinations* are places that you can send information about these events to. For example, you can send event data to Amazon EventBridge and associate a rule to send the event to the specified target.

Request Syntax

```
DELETE /v2/email/configuration-sets/ConfigurationSetName/event-destinations/EventDestinationName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set that contains the event destination to delete.

Required: Yes

EventDestinationName

The name of the event destination to delete.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteContact

Removes a contact from a contact list.

Request Syntax

```
DELETE /v2/email/contact-lists/ContactListName/contacts/EmailAddress HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ContactListName

The name of the contact list from which the contact should be removed.

Required: Yes

EmailAddress

The contact's email address.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteContactList

Deletes a contact list and all of the contacts on that list.

Request Syntax

```
DELETE /v2/email/contact-lists/ContactListName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ContactListName

The name of the contact list.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteCustomVerificationEmailTemplate

Deletes an existing custom verification email template.

For more information about custom verification email templates, see [Using custom verification email templates](#) in the *Amazon SES Developer Guide*.

You can execute this operation no more than once per second.

Request Syntax

```
DELETE /v2/email/custom-verification-email-templates/TemplateName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

TemplateName

The name of the custom verification email template that you want to delete.

Length Constraints: Minimum length of 1.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteDedicatedIpPool

Delete a dedicated IP pool.

Request Syntax

```
DELETE /v2/email/dedicated-ip-pools/PoolName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

PoolName

The name of the dedicated IP pool that you want to delete.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteEmailIdentity

Deletes an email identity. An identity can be either an email address or a domain name.

Request Syntax

```
DELETE /v2/email/identities/EmailIdentity HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The identity (that is, the email address or domain) to delete.

Length Constraints: Minimum length of 1.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteEmailIdentityPolicy

Deletes the specified sending authorization policy for the given identity (an email address or a domain). This API returns successfully even if a policy with the specified name does not exist.

Note

This API is for the identity owner only. If you have not verified the identity, this API will return an error.

Sending authorization is a feature that enables an identity owner to authorize other senders to use its identities. For information about using sending authorization, see the [Amazon SES Developer Guide](#).

You can execute this operation no more than once per second.

Request Syntax

```
DELETE /v2/email/identities/EmailIdentity/policies/PolicyName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The email identity.

Length Constraints: Minimum length of 1.

Required: Yes

PolicyName

The name of the policy.

The policy name cannot exceed 64 characters and can only include alphanumeric characters, dashes, and underscores.

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

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteEmailTemplate

Deletes an email template.

You can execute this operation no more than once per second.

Request Syntax

```
DELETE /v2/email/templates/TemplateName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

TemplateName

The name of the template to be deleted.

Length Constraints: Minimum length of 1.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteMultiRegionEndpoint

Deletes a multi-region endpoint (global-endpoint).

Only multi-region endpoints (global-endpoints) whose primary region is the AWS-Region where operation is executed can be deleted.

Request Syntax

```
DELETE /v2/email/multi-region-endpoints/EndpointName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

EndpointName

The name of the multi-region endpoint (global-endpoint) to be deleted.

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

Pattern: `^[\\w\\-\\_]+$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Status": "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.

Status

A status of the multi-region endpoint (global-endpoint) right after the delete request.

- CREATING – The resource is being provisioned.
- READY – The resource is ready to use.
- FAILED – The resource failed to be provisioned.
- DELETING – The resource is being deleted as requested.

Type: String

Valid Values: CREATING | READY | FAILED | DELETING

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteSuppressedDestination

Removes an email address from the suppression list for your account or for a specific tenant. To target a tenant's suppression list, specify the `TenantName` parameter. If you omit `TenantName`, the address is removed from the account-level suppression list.

Request Syntax

```
DELETE /v2/email/suppression/addresses/EmailAddress?TenantName=TenantName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

EmailAddress

The suppressed email destination to remove from the suppression list for your account or for the specified tenant.

Required: Yes

TenantName

The name of the tenant whose suppression list you want to remove the address from. If you omit this parameter, the address is removed from the account-level suppression list.

Length Constraints: Minimum length of 1.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteTenant

Delete an existing tenant.

When you delete a tenant, its associations with resources are removed, but the resources themselves are not deleted.

Request Syntax

```
POST /v2/email/tenants/delete HTTP/1.1
Content-type: application/json

{
  "TenantName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

TenantName

The name of the tenant to delete.

Type: String

Length Constraints: Minimum length of 1.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

DeleteTenantResourceAssociation

Delete an association between a tenant and a resource.

When you delete a tenant-resource association, the resource itself is not deleted, only its association with the specific tenant is removed. After removal, the resource will no longer be available for use with that tenant's email sending operations.

Request Syntax

```
POST /v2/email/tenants/resources/delete HTTP/1.1
Content-type: application/json
```

```
{
  "ResourceArn": "string",
  "TenantName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[ResourceArn](#)

The Amazon Resource Name (ARN) of the resource to remove from the tenant association.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

[TenantName](#)

The name of the tenant to remove the resource association from.

Type: String

Length Constraints: Minimum length of 1.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetAccount

Obtain information about the email-sending status and capabilities of your Amazon SES account in the current AWS Region.

Request Syntax

```
GET /v2/email/account HTTP/1.1
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

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

```
{
  "DedicatedIpAutoWarmupEnabled": boolean,
  "Details": {
    "AdditionalContactEmailAddresses": [ "string" ],
    "ContactLanguage": "string",
    "MailType": "string",
    "ReviewDetails": {
      "CaseId": "string",
      "Status": "string"
    },
    "UseCaseDescription": "string",
    "WebsiteURL": "string"
  },
  "EnforcementStatus": "string",
  "ProductionAccessEnabled": boolean,
  "SendingEnabled": boolean,
  "SendQuota": {
    "Max24HourSend": number,
```

```

    "MaxSendRate": number,
    "SentLast24Hours": number
  },
  "SuppressionAttributes": {
    "SuppressedReasons": [ "string" ],
    "ValidationAttributes": {
      "ConditionThreshold": {
        "ConditionThresholdEnabled": "string",
        "OverallConfidenceThreshold": {
          "ConfidenceVerdictThreshold": "string"
        }
      }
    }
  },
  "VdmAttributes": {
    "DashboardAttributes": {
      "EngagementMetrics": "string"
    },
    "GuardianAttributes": {
      "OptimizedSharedDelivery": "string"
    },
    "VdmEnabled": "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.

DedicatedIpAutoWarmupEnabled

Indicates whether or not the automatic warm-up feature is enabled for dedicated IP addresses that are associated with your account.

Type: Boolean

Details

An object that defines your account details.

Type: [AccountDetails](#) object

EnforcementStatus

The reputation status of your Amazon SES account. The status can be one of the following:

- **HEALTHY** – There are no reputation-related issues that currently impact your account.
- **PROBATION** – We've identified potential issues with your Amazon SES account. We're placing your account under review while you work on correcting these issues.
- **SHUTDOWN** – Your account's ability to send email is currently paused because of an issue with the email sent from your account. When you correct the issue, you can contact us and request that your account's ability to send email is resumed.

Type: String

ProductionAccessEnabled

Indicates whether or not your account has production access in the current AWS Region.

If the value is `false`, then your account is in the *sandbox*. When your account is in the sandbox, you can only send email to verified identities.

If the value is `true`, then your account has production access. When your account has production access, you can send email to any address. The sending quota and maximum sending rate for your account vary based on your specific use case.

Type: Boolean

SendingEnabled

Indicates whether or not email sending is enabled for your Amazon SES account in the current AWS Region.

Type: Boolean

SendQuota

An object that contains information about the per-day and per-second sending limits for your Amazon SES account in the current AWS Region.

Type: [SendQuota](#) object

SuppressionAttributes

An object that contains information about the email address suppression preferences for your account in the current AWS Region.

Type: [SuppressionAttributes](#) object

[VdmAttributes](#)

The VDM attributes that apply to your Amazon SES account.

Type: [VdmAttributes](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetBlacklistReports

Retrieve a list of the blacklists that your dedicated IP addresses appear on.

Request Syntax

```
GET /v2/email/deliverability-dashboard/blacklist-report?
BlacklistItemNames=BlacklistItemNames HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

BlacklistItemNames

A list of IP addresses that you want to retrieve blacklist information about. You can only specify the dedicated IP addresses that you use to send email using Amazon SES or Amazon Pinpoint.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "BlacklistReport": {
    "string" : [
      {
        "Description": "string",
        "ListingTime": number,
        "RblName": "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.

BlacklistReport

An object that contains information about a blacklist that one of your dedicated IP addresses appears on.

Type: String to array of [BlacklistEntry](#) objects map

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetConfigurationSet

Get information about an existing configuration set, including the dedicated IP pool that it's associated with, whether or not it's enabled for sending email, and more.

Configuration sets are groups of rules that you can apply to the emails you send. You apply a configuration set to an email by including a reference to the configuration set in the headers of the email. When you apply a configuration set to an email, all of the rules in that configuration set are applied to the email.

Request Syntax

```
GET /v2/email/configuration-sets/ConfigurationSetName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "ArchivingOptions": {
    "ArchiveArn": "string"
  },
  "ConfigurationSetName": "string",
  "DeliveryOptions": {
    "MaxDeliverySeconds": number,
    "SendingPoolName": "string",
```

```
    "TlsPolicy": "string"
  },
  "ReputationOptions": {
    "LastFreshStart": number,
    "ReputationMetricsEnabled": boolean
  },
  "SendingOptions": {
    "SendingEnabled": boolean
  },
  "SuppressionOptions": {
    "SuppressedReasons": [ "string" ],
    "SuppressionScope": "string",
    "ValidationOptions": {
      "ConditionThreshold": {
        "ConditionThresholdEnabled": "string",
        "OverallConfidenceThreshold": {
          "ConfidenceVerdictThreshold": "string"
        }
      }
    }
  },
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "TrackingOptions": {
    "CustomRedirectDomain": "string",
    "HttpsPolicy": "string"
  },
  "VdmOptions": {
    "DashboardOptions": {
      "EngagementMetrics": "string"
    },
    "GuardianOptions": {
      "OptimizedSharedDelivery": "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.

ArchivingOptions

An object that defines the MailManager archive where sent emails are archived that you send using the configuration set.

Type: [ArchivingOptions](#) object

ConfigurationSetName

The name of the configuration set.

Type: String

DeliveryOptions

An object that defines the dedicated IP pool that is used to send emails that you send using the configuration set.

Type: [DeliveryOptions](#) object

ReputationOptions

An object that defines whether or not Amazon SES collects reputation metrics for the emails that you send that use the configuration set.

Type: [ReputationOptions](#) object

SendingOptions

An object that defines whether or not Amazon SES can send email that you send using the configuration set.

Type: [SendingOptions](#) object

SuppressionOptions

An object that contains information about the suppression list preferences for your account or for a specific tenant.

Type: [SuppressionOptions](#) object

[Tags](#)

An array of objects that define the tags (keys and values) that are associated with the configuration set.

Type: Array of [Tag](#) objects

[TrackingOptions](#)

An object that defines the open and click tracking options for emails that you send using the configuration set.

Type: [TrackingOptions](#) object

[VdmOptions](#)

An object that contains information about the VDM preferences for your configuration set.

Type: [VdmOptions](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetConfigurationSetEventDestinations

Retrieve a list of event destinations that are associated with a configuration set.

Events include message sends, deliveries, opens, clicks, bounces, and complaints. *Event destinations* are places that you can send information about these events to. For example, you can send event data to Amazon EventBridge and associate a rule to send the event to the specified target.

Request Syntax

```
GET /v2/email/configuration-sets/ConfigurationSetName/event-destinations HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set that contains the event destination.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "EventDestinations": [
    {
      "CloudWatchDestination": {
        "DimensionConfigurations": [
          {
            "DefaultDimensionValue": "string",
            "DimensionName": "string",
            "DimensionValueSource": "string"
          }
        ]
      }
    }
  ]
}
```

```
    ]
  },
  "Enabled": boolean,
  "EventBridgeDestination": {
    "EventBusArn": "string"
  },
  "KinesisFirehoseDestination": {
    "DeliveryStreamArn": "string",
    "IamRoleArn": "string"
  },
  "MatchingEventTypes": [ "string" ],
  "Name": "string",
  "PinpointDestination": {
    "ApplicationArn": "string"
  },
  "SnsDestination": {
    "TopicArn": "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.

EventDestinations

An array that includes all of the events destinations that have been configured for the configuration set.

Type: Array of [EventDestination](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetContact

Returns a contact from a contact list.

Request Syntax

```
GET /v2/email/contact-lists/ContactListName/contacts/EmailAddress HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ContactListName

The name of the contact list to which the contact belongs.

Required: Yes

EmailAddress

The contact's email address.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

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

```
{
  "AttributesData": "string",
  "ContactListName": "string",
  "CreatedTimestamp": number,
  "EmailAddress": "string",
  "LastUpdatedTimestamp": number,
  "TopicDefaultPreferences": [
    {
```

```
    "SubscriptionStatus": "string",  
    "TopicName": "string"  
  },  
],  
"TopicPreferences": [  
  {  
    "SubscriptionStatus": "string",  
    "TopicName": "string"  
  },  
],  
"UnsubscribeAll": boolean  
}
```

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.

AttributesData

The attribute data attached to a contact.

Type: String

ContactListName

The name of the contact list to which the contact belongs.

Type: String

CreatedTimestamp

A timestamp noting when the contact was created.

Type: Timestamp

EmailAddress

The contact's email address.

Type: String

LastUpdatedTimestamp

A timestamp noting the last time the contact's information was updated.

Type: Timestamp

TopicDefaultPreferences

The default topic preferences applied to the contact.

Type: Array of [TopicPreference](#) objects

TopicPreferences

The contact's preference for being opted-in to or opted-out of a topic.>

Type: Array of [TopicPreference](#) objects

UnsubscribeAll

A boolean value status noting if the contact is unsubscribed from all contact list topics.

Type: Boolean

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetContactList

Returns contact list metadata. It does not return any information about the contacts present in the list.

Request Syntax

```
GET /v2/email/contact-lists/ContactListName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ContactListName

The name of the contact list.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "ContactListName": "string",
  "CreatedTimestamp": number,
  "Description": "string",
  "LastUpdatedTimestamp": number,
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "Topics": [
```

```
{
  "DefaultSubscriptionStatus": "string",
  "Description": "string",
  "DisplayName": "string",
  "TopicName": "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.

ContactListName

The name of the contact list.

Type: String

CreatedTimestamp

A timestamp noting when the contact list was created.

Type: Timestamp

Description

A description of what the contact list is about.

Type: String

LastUpdatedTimestamp

A timestamp noting the last time the contact list was updated.

Type: Timestamp

Tags

The tags associated with a contact list.

Type: Array of [Tag](#) objects

Topics

An interest group, theme, or label within a list. A contact list can have multiple topics.

Type: Array of [Topic](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetCustomVerificationEmailTemplate

Returns the custom email verification template for the template name you specify.

For more information about custom verification email templates, see [Using custom verification email templates](#) in the *Amazon SES Developer Guide*.

You can execute this operation no more than once per second.

Request Syntax

```
GET /v2/email/custom-verification-email-templates/TemplateName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

TemplateName

The name of the custom verification email template that you want to retrieve.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "FailureRedirectionURL": "string",
  "FromEmailAddress": "string",
  "SuccessRedirectionURL": "string",
  "Tags": [
    {
```

```
    "Key": "string",
    "Value": "string"
  },
  "TemplateContent": "string",
  "TemplateName": "string",
  "TemplateSubject": "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.

FailureRedirectionURL

The URL that the recipient of the verification email is sent to if his or her address is not successfully verified.

Type: String

FromEmailAddress

The email address that the custom verification email is sent from.

Type: String

SuccessRedirectionURL

The URL that the recipient of the verification email is sent to if his or her address is successfully verified.

Type: String

Tags

An array of objects that define the tags (keys and values) that are associated with the custom verification email template.

Type: Array of [Tag](#) objects

TemplateContent

The content of the custom verification email.

Type: String

TemplateName

The name of the custom verification email template.

Type: String

Length Constraints: Minimum length of 1.

TemplateSubject

The subject line of the custom verification email.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetDedicatedIp

Get information about a dedicated IP address, including the name of the dedicated IP pool that it's associated with, as well information about the automatic warm-up process for the address.

Request Syntax

```
GET /v2/email/dedicated-ips/IP HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

IP

The IP address that you want to obtain more information about. The value you specify has to be a dedicated IP address that's associated with your AWS account.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "DedicatedIp": {
    "Ip": "string",
    "PoolName": "string",
    "WarmupPercentage": number,
    "WarmupStatus": "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.

[DedicatedIp](#)

An object that contains information about a dedicated IP address.

Type: [DedicatedIp](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetDedicatedIpPool

Retrieve information about the dedicated pool.

Request Syntax

```
GET /v2/email/dedicated-ip-pools/PoolName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

PoolName

The name of the dedicated IP pool to retrieve.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "DedicatedIpPool": {
    "PoolName": "string",
    "ScalingMode": "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.

DedicatedIpPool

An object that contains information about a dedicated IP pool.

Type: [DedicatedIpPool](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetDedicatedIps

List the dedicated IP addresses that are associated with your AWS account.

Request Syntax

```
GET /v2/email/dedicated-ips?NextToken=NextToken&PageSize=PageSize&PoolName=PoolName
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

NextToken

A token returned from a previous call to GetDedicatedIps to indicate the position of the dedicated IP pool in the list of IP pools.

PageSize

The number of results to show in a single call to GetDedicatedIpsRequest. If the number of results is larger than the number you specified in this parameter, then the response includes a NextToken element, which you can use to obtain additional results.

PoolName

The name of the IP pool that the dedicated IP address is associated with.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "DedicatedIps": [
    {
      "Ip": "string",
```

```
    "PoolName": "string",  
    "WarmupPercentage": number,  
    "WarmupStatus": "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.

DedicatedIps

A list of dedicated IP addresses that are associated with your AWS account.

Type: Array of [DedicatedIp](#) objects

NextToken

A token that indicates that there are additional dedicated IP addresses to list. To view additional addresses, issue another request to `GetDedicatedIps`, passing this token in the `NextToken` parameter.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetDeliverabilityDashboardOptions

Retrieve information about the status of the Deliverability dashboard for your account. When the Deliverability dashboard is enabled, you gain access to reputation, deliverability, and other metrics for the domains that you use to send email. You also gain the ability to perform predictive inbox placement tests.

When you use the Deliverability dashboard, you pay a monthly subscription charge, in addition to any other fees that you accrue by using Amazon SES and other AWS services. For more information about the features and cost of a Deliverability dashboard subscription, see [Amazon SES Pricing](#).

Request Syntax

```
GET /v2/email/deliverability-dashboard HTTP/1.1
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "AccountStatus": "string",
  "ActiveSubscribedDomains": [
    {
      "Domain": "string",
      "InboxPlacementTrackingOption": {
        "Global": boolean,
        "TrackedIsps": [ "string" ]
      },
      "SubscriptionStartDate": number
    }
  ],
}
```

```
"DashboardEnabled": boolean,
"PendingExpirationSubscribedDomains": [
  {
    "Domain": "string",
    "InboxPlacementTrackingOption": {
      "Global": boolean,
      "TrackedIsps": [ "string" ]
    },
    "SubscriptionStartDate": number
  }
],
"SubscriptionExpiryDate": 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.

AccountStatus

The current status of your Deliverability dashboard subscription. If this value is PENDING_EXPIRATION, your subscription is scheduled to expire at the end of the current calendar month.

Type: String

Valid Values: ACTIVE | PENDING_EXPIRATION | DISABLED

ActiveSubscribedDomains

An array of objects, one for each verified domain that you use to send email and currently has an active Deliverability dashboard subscription that isn't scheduled to expire at the end of the current calendar month.

Type: Array of [DomainDeliverabilityTrackingOption](#) objects

DashboardEnabled

Specifies whether the Deliverability dashboard is enabled. If this value is `true`, the dashboard is enabled.

Type: Boolean

PendingExpirationSubscribedDomains

An array of objects, one for each verified domain that you use to send email and currently has an active Deliverability dashboard subscription that's scheduled to expire at the end of the current calendar month.

Type: Array of [DomainDeliverabilityTrackingOption](#) objects

SubscriptionExpiryDate

The date when your current subscription to the Deliverability dashboard is scheduled to expire, if your subscription is scheduled to expire at the end of the current calendar month. This value is null if you have an active subscription that isn't due to expire at the end of the month.

Type: Timestamp

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetDeliverabilityTestReport

Retrieve the results of a predictive inbox placement test.

Request Syntax

```
GET /v2/email/deliverability-dashboard/test-reports/ReportId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ReportId

A unique string that identifies the predictive inbox placement test.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "DeliverabilityTestReport": {
    "CreateDate": number,
    "DeliverabilityTestStatus": "string",
    "FromEmailAddress": "string",
    "ReportId": "string",
    "ReportName": "string",
    "Subject": "string"
  },
  "IspPlacements": [
    {
      "IspName": "string",
```

```
    "PlacementStatistics": {
      "DkimPercentage": number,
      "InboxPercentage": number,
      "MissingPercentage": number,
      "SpamPercentage": number,
      "SpfPercentage": number
    }
  ],
  "Message": "string",
  "OverallPlacement": {
    "DkimPercentage": number,
    "InboxPercentage": number,
    "MissingPercentage": number,
    "SpamPercentage": number,
    "SpfPercentage": number
  },
  "Tags": [
    {
      "Key": "string",
      "Value": "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.

[DeliverabilityTestReport](#)

An object that contains the results of the predictive inbox placement test.

Type: [DeliverabilityTestReport](#) object

[IspPlacements](#)

An object that describes how the test email was handled by several email providers, including Gmail, Hotmail, Yahoo, AOL, and others.

Type: Array of [IspPlacement](#) objects

Message

An object that contains the message that you sent when you performed this predictive inbox placement test.

Type: String

OverallPlacement

An object that specifies how many test messages that were sent during the predictive inbox placement test were delivered to recipients' inboxes, how many were sent to recipients' spam folders, and how many weren't delivered.

Type: [PlacementStatistics](#) object

Tags

An array of objects that define the tags (keys and values) that are associated with the predictive inbox placement test.

Type: Array of [Tag](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetDomainDeliverabilityCampaign

Retrieve all the deliverability data for a specific campaign. This data is available for a campaign only if the campaign sent email by using a domain that the Deliverability dashboard is enabled for.

Request Syntax

```
GET /v2/email/deliverability-dashboard/campaigns/CampaignId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

CampaignId

The unique identifier for the campaign. The Deliverability dashboard automatically generates and assigns this identifier to a campaign.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "DomainDeliverabilityCampaign": {
    "CampaignId": "string",
    "DeleteRate": number,
    "Esp": [ "string" ],
    "FirstSeenDateTime": number,
    "FromAddress": "string",
    "ImageUrl": "string",
    "InboxCount": number,
    "LastSeenDateTime": number,
```

```
    "ProjectedVolume": number,
    "ReadDeleteRate": number,
    "ReadRate": number,
    "SendingIps": [ "string" ],
    "SpamCount": number,
    "Subject": "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.

[DomainDeliverabilityCampaign](#)

An object that contains the deliverability data for the campaign.

Type: [DomainDeliverabilityCampaign](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetDomainStatisticsReport

Retrieve inbox placement and engagement rates for the domains that you use to send email.

Request Syntax

```
GET /v2/email/deliverability-dashboard/statistics-report/Domain?  
EndDate=EndDate&StartDate=StartDate HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

Domain

The domain that you want to obtain deliverability metrics for.

Length Constraints: Minimum length of 1.

Required: Yes

EndDate

The last day (in Unix time) that you want to obtain domain deliverability metrics for. The EndDate that you specify has to be less than or equal to 30 days after the StartDate.

Required: Yes

StartDate

The first day (in Unix time) that you want to obtain domain deliverability metrics for.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "DailyVolumes": [
    {
      "DomainIspPlacements": [
        {
          "InboxPercentage": number,
          "InboxRowCount": number,
          "IspName": "string",
          "SpamPercentage": number,
          "SpamRowCount": number
        }
      ],
      "StartDate": number,
      "VolumeStatistics": {
        "InboxRowCount": number,
        "ProjectedInbox": number,
        "ProjectedSpam": number,
        "SpamRowCount": number
      }
    }
  ],
  "OverallVolume": {
    "DomainIspPlacements": [
      {
        "InboxPercentage": number,
        "InboxRowCount": number,
        "IspName": "string",
        "SpamPercentage": number,
        "SpamRowCount": number
      }
    ],
    "ReadRatePercent": number,
    "VolumeStatistics": {
      "InboxRowCount": number,
      "ProjectedInbox": number,
      "ProjectedSpam": number,
      "SpamRowCount": 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.

DailyVolumes

An object that contains deliverability metrics for the domain that you specified. This object contains data for each day, starting on the `StartDate` and ending on the `EndDate`.

Type: Array of [DailyVolume](#) objects

OverallVolume

An object that contains deliverability metrics for the domain that you specified. The data in this object is a summary of all of the data that was collected from the `StartDate` to the `EndDate`.

Type: [OverallVolume](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetEmailAddressInsights

Provides validation insights about a specific email address, including syntax validation, DNS record checks, mailbox existence, and other deliverability factors.

Request Syntax

```
POST /v2/email/email-address-insights/ HTTP/1.1
Content-type: application/json

{
  "EmailAddress": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

EmailAddress

The email address to analyze for validation insights.

Type: String

Required: Yes

Response Syntax

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

{
  "MailboxValidation": {
    "Evaluations": {
      "HasValidDnsRecords": {
        "ConfidenceVerdict": "string"
      }
    }
  }
}
```

```
    },
    "IsValidSyntax": {
      "ConfidenceVerdict": "string"
    },
    "IsDisposable": {
      "ConfidenceVerdict": "string"
    },
    "IsRandomInput": {
      "ConfidenceVerdict": "string"
    },
    "IsRoleAddress": {
      "ConfidenceVerdict": "string"
    },
    "MailboxExists": {
      "ConfidenceVerdict": "string"
    }
  },
  "IsValid": {
    "ConfidenceVerdict": "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.

MailboxValidation

Detailed validation results for the email address.

Type: [MailboxValidation](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetEmailIdentity

Provides information about a specific identity, including the identity's verification status, sending authorization policies, its DKIM authentication status, and its custom Mail-From settings.

Request Syntax

```
GET /v2/email/identities/EmailIdentity HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The email identity.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "ConfigurationSetName": "string",
  "DkimAttributes": {
    "CurrentSigningKeyLength": "string",
    "LastKeyGenerationTimestamp": number,
    "NextSigningKeyLength": "string",
    "SigningAttributesOrigin": "string",
    "SigningEnabled": boolean,
    "SigningHostedZone": "string",
    "Status": "string",
```

```

    "Tokens": [ "string" ]
  },
  "FeedbackForwardingStatus": boolean,
  "IdentityType": "string",
  "MailFromAttributes": {
    "BehaviorOnMxFailure": "string",
    "MailFromDomain": "string",
    "MailFromDomainStatus": "string"
  },
  "Policies": {
    "string" : "string"
  },
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "VerificationInfo": {
    "ErrorType": "string",
    "LastCheckedTimestamp": number,
    "LastSuccessTimestamp": number,
    "SOARecord": {
      "AdminEmail": "string",
      "PrimaryNameServer": "string",
      "SerialNumber": number
    }
  },
  "VerificationStatus": "string",
  "VerifiedForSendingStatus": boolean
}

```

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.

ConfigurationSetName

The configuration set used by default when sending from this identity.

Type: String

DkimAttributes

An object that contains information about the DKIM attributes for the identity.

Type: [DkimAttributes](#) object

FeedbackForwardingStatus

The feedback forwarding configuration for the identity.

If the value is `true`, you receive email notifications when bounce or complaint events occur. These notifications are sent to the address that you specified in the Return-Path header of the original email.

You're required to have a method of tracking bounces and complaints. If you haven't set up another mechanism for receiving bounce or complaint notifications (for example, by setting up an event destination), you receive an email notification when these events occur (even if this setting is disabled).

Type: Boolean

IdentityType

The email identity type. Note: the `MANAGED_DOMAIN` identity type is not supported.

Type: String

Valid Values: `EMAIL_ADDRESS` | `DOMAIN` | `MANAGED_DOMAIN`

MailFromAttributes

An object that contains information about the Mail-From attributes for the email identity.

Type: [MailFromAttributes](#) object

Policies

A map of policy names to policies.

Type: String to string map

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

Value Length Constraints: Minimum length of 1.

Tags

An array of objects that define the tags (keys and values) that are associated with the email identity.

Type: Array of [Tag](#) objects

VerificationInfo

An object that contains additional information about the verification status for the identity.

Type: [VerificationInfo](#) object

VerificationStatus

The verification status of the identity. The status can be one of the following:

- PENDING – The verification process was initiated, but Amazon SES hasn't yet been able to verify the identity.
- SUCCESS – The verification process completed successfully.
- FAILED – The verification process failed.
- TEMPORARY_FAILURE – A temporary issue is preventing Amazon SES from determining the verification status of the identity.
- NOT_STARTED – The verification process hasn't been initiated for the identity.

Type: String

Valid Values: PENDING | SUCCESS | FAILED | TEMPORARY_FAILURE | NOT_STARTED

VerifiedForSendingStatus

Specifies whether or not the identity is verified. You can only send email from verified email addresses or domains. For more information about verifying identities, see the [Amazon Pinpoint User Guide](#).

Type: Boolean

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetEmailIdentityPolicies

Returns the requested sending authorization policies for the given identity (an email address or a domain). The policies are returned as a map of policy names to policy contents. You can retrieve a maximum of 20 policies at a time.

Note

This API is for the identity owner only. If you have not verified the identity, this API will return an error.

Sending authorization is a feature that enables an identity owner to authorize other senders to use its identities. For information about using sending authorization, see the [Amazon SES Developer Guide](#).

You can execute this operation no more than once per second.

Request Syntax

```
GET /v2/email/identities/EmailIdentity/policies HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The email identity.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Policies": {
    "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.

[Policies](#)

A map of policy names to policies.

Type: String to string map

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

Value Length Constraints: Minimum length of 1.

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetEmailTemplate

Displays the template object (which includes the subject line, HTML part and text part) for the template you specify.

You can execute this operation no more than 50 times per second.

Request Syntax

```
GET /v2/email/templates/TemplateName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

TemplateName

The name of the template.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ],
  "TemplateContent": {
```

```
    "Html": "string",
    "Subject": "string",
    "Text": "string"
  },
  "TemplateName": "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](#)

An array of objects that define the tags (keys and values) that are associated with the email template.

Type: Array of [Tag](#) objects

[TemplateContent](#)

The content of the email template, composed of a subject line, an HTML part, and a text-only part.

Type: [EmailTemplateContent](#) object

[TemplateName](#)

The name of the template.

Type: String

Length Constraints: Minimum length of 1.

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetExportJob

Provides information about an export job.

Request Syntax

```
GET /v2/email/export-jobs/JobId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

JobId

The export job ID.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "CompletedTimestamp": number,
  "CreatedTimestamp": number,
  "ExportDataSource": {
    "MessageInsightsDataSource": {
      "EndDate": number,
      "Exclude": {
        "Destination": [ "string" ],
        "FromEmailAddress": [ "string" ],
        "Isp": [ "string" ],
        "LastDeliveryEvent": [ "string" ],
        "LastEngagementEvent": [ "string" ],
```

```

    "Subject": [ "string" ]
  },
  "Include": {
    "Destination": [ "string" ],
    "FromEmailAddress": [ "string" ],
    "Isp": [ "string" ],
    "LastDeliveryEvent": [ "string" ],
    "LastEngagementEvent": [ "string" ],
    "Subject": [ "string" ]
  },
  "MaxResults": number,
  "StartDate": number
},
"MetricsDataSource": {
  "Dimensions": {
    "string" : [ "string" ]
  },
  "EndDate": number,
  "Metrics": [
    {
      "Aggregation": "string",
      "Name": "string"
    }
  ],
  "Namespace": "string",
  "StartDate": number
}
},
"ExportDestination": {
  "DataFormat": "string",
  "S3Url": "string"
},
"ExportSourceType": "string",
"FailureInfo": {
  "ErrorMessage": "string",
  "FailedRecordsS3Url": "string"
},
"JobId": "string",
"JobStatus": "string",
"Statistics": {
  "ExportedRecordsCount": number,
  "ProcessedRecordsCount": 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.

[CompletedTimestamp](#)

The timestamp of when the export job was completed.

Type: Timestamp

[CreatedTimestamp](#)

The timestamp of when the export job was created.

Type: Timestamp

[ExportDataSource](#)

The data source of the export job.

Type: [ExportDataSource](#) object

[ExportDestination](#)

The destination of the export job.

Type: [ExportDestination](#) object

[ExportSourceType](#)

The type of source of the export job.

Type: String

Valid Values: METRICS_DATA | MESSAGE_INSIGHTS

[FailureInfo](#)

The failure details about an export job.

Type: [FailureInfo](#) object

JobId

The export job ID.

Type: String

Length Constraints: Minimum length of 1.

JobStatus

The status of the export job.

Type: String

Valid Values: CREATED | PROCESSING | COMPLETED | FAILED | CANCELLED

Statistics

The statistics about the export job.

Type: [ExportStatistics](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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

Provides information about an import job.

Request Syntax

```
GET /v2/email/import-jobs/JobId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

JobId

The ID of the import job.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "CompletedTimestamp": number,
  "CreatedTimestamp": number,
  "FailedRecordsCount": number,
  "FailureInfo": {
    "ErrorMessage": "string",
    "FailedRecordsS3Url": "string"
  },
  "ImportDataSource": {
    "DataFormat": "string",
    "S3Url": "string"
  }
}
```

```
},
  "ImportDestination": {
    "ContactListDestination": {
      "ContactListImportAction": "string",
      "ContactListName": "string"
    },
    "SuppressionListDestination": {
      "SuppressionListImportAction": "string"
    }
  },
  "JobId": "string",
  "JobStatus": "string",
  "ProcessedRecordsCount": 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.

CompletedTimestamp

The time stamp of when the import job was completed.

Type: Timestamp

CreatedTimestamp

The time stamp of when the import job was created.

Type: Timestamp

FailedRecordsCount

The number of records that failed processing because of invalid input or other reasons.

Type: Integer

FailureInfo

The failure details about an import job.

Type: [FailureInfo](#) object

ImportDataSource

The data source of the import job.

Type: [ImportDataSource](#) object

ImportDestination

The destination of the import job.

Type: [ImportDestination](#) object

JobId

A string that represents the import job ID.

Type: String

Length Constraints: Minimum length of 1.

JobStatus

The status of the import job.

Type: String

Valid Values: CREATED | PROCESSING | COMPLETED | FAILED | CANCELLED

ProcessedRecordsCount

The current number of records processed.

Type: Integer

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetMessageInsights

Provides information about a specific message, including the from address, the subject, the recipient address, email tags, as well as events associated with the message.

You can execute this operation no more than once per second.

Request Syntax

```
GET /v2/email/insights/MessageId/ HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MessageId

A MessageId is a unique identifier for a message, and is returned when sending emails through Amazon SES.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "EmailTags": [
    {
      "Name": "string",
      "Value": "string"
    }
  ],
  "FromEmailAddress": "string",
```

```

    "Insights": [
      {
        "Destination": "string",
        "Events": [
          {
            "Details": {
              "Bounce": {
                "BounceSubType": "string",
                "BounceType": "string",
                "DiagnosticCode": "string"
              },
              "Complaint": {
                "ComplaintFeedbackType": "string",
                "ComplaintSubType": "string"
              }
            },
            "Timestamp": number,
            "Type": "string"
          }
        ],
        "Isp": "string"
      }
    ],
    "MessageId": "string",
    "Subject": "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.

EmailTags

A list of tags, in the form of name/value pairs, that were applied to the email you sent, along with Amazon SES [Auto-Tags](#).

Type: Array of [MessageTag](#) objects

FromEmailAddress

The from address used to send the message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Insights

A set of insights associated with the message.

Type: Array of [EmailInsights](#) objects

MessageId

A unique identifier for the message.

Type: String

Subject

The subject line of the message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 998.

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetMultiRegionEndpoint

Displays the multi-region endpoint (global-endpoint) configuration.

Only multi-region endpoints (global-endpoints) whose primary region is the AWS-Region where operation is executed can be displayed.

Request Syntax

```
GET /v2/email/multi-region-endpoints/EndpointName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

EndpointName

The name of the multi-region endpoint (global-endpoint).

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

Pattern: `^[\\w\\- _]+$`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "CreatedTimestamp": number,
  "EndpointId": "string",
  "EndpointName": "string",
  "LastUpdatedTimestamp": number,
  "Routes": [
```

```
{
  "Region": "string"
},
"Status": "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.

CreatedTimestamp

The time stamp of when the multi-region endpoint (global-endpoint) was created.

Type: Timestamp

EndpointId

The ID of the multi-region endpoint (global-endpoint).

Type: String

EndpointName

The name of the multi-region endpoint (global-endpoint).

Type: String

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

Pattern: `^[\\w\\-_]+$`

LastUpdatedTimestamp

The time stamp of when the multi-region endpoint (global-endpoint) was last updated.

Type: Timestamp

Routes

Contains routes information for the multi-region endpoint (global-endpoint).

Type: Array of [Route](#) objects

Status

The status of the multi-region endpoint (global-endpoint).

- CREATING – The resource is being provisioned.
- READY – The resource is ready to use.
- FAILED – The resource failed to be provisioned.
- DELETING – The resource is being deleted as requested.

Type: String

Valid Values: CREATING | READY | FAILED | DELETING

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetReputationEntity

Retrieve information about a specific reputation entity, including its reputation management policy, customer-managed status, AWS Amazon SES-managed status, and aggregate sending status.

Reputation entities represent resources in your Amazon SES account that have reputation tracking and management capabilities. The reputation impact reflects the highest impact reputation finding for the entity. Reputation findings can be retrieved using the `ListRecommendations` operation.

Request Syntax

```
GET /v2/email/reputation/entities/ReputationEntityType/ReputationEntityReference
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ReputationEntityReference

The unique identifier for the reputation entity. For resource-type entities, this is the Amazon Resource Name (ARN) of the resource.

Length Constraints: Minimum length of 1.

Required: Yes

ReputationEntityType

The type of reputation entity. Currently, only RESOURCE type entities are supported.

Valid Values: RESOURCE

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "ReputationEntity": {
    "AwsSesManagedStatus": {
      "Cause": "string",
      "LastUpdatedTimestamp": number,
      "Status": "string"
    },
    "CustomerManagedStatus": {
      "Cause": "string",
      "LastUpdatedTimestamp": number,
      "Status": "string"
    },
    "ReputationEntityReference": "string",
    "ReputationEntityType": "string",
    "ReputationImpact": "string",
    "ReputationManagementPolicy": "string",
    "SendingStatusAggregate": "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.

ReputationEntity

The reputation entity information, including status records, policy configuration, and reputation impact.

Type: [ReputationEntity](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetSuppressedDestination

Retrieves information about a specific email address that's on the suppression list for your account or for a specific tenant. To target a tenant's suppression list, specify the `TenantName` parameter. If you omit `TenantName`, the operation targets the account-level suppression list.

Request Syntax

```
GET /v2/email/suppression/addresses/EmailAddress?TenantName=TenantName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

EmailAddress

The email address that's on the suppression list for your account or for the specified tenant.

Required: Yes

TenantName

The name of the tenant whose suppression list you want to query. If you omit this parameter, the operation targets the account-level suppression list.

Length Constraints: Minimum length of 1.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "SuppressedDestination": {
    "Attributes": {
```

```
    "FeedbackId": "string",
    "MessageId": "string"
  },
  "EmailAddress": "string",
  "LastUpdateTime": number,
  "Reason": "string",
  "TenantName": "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.

SuppressedDestination

An object containing information about the suppressed email address.

Type: [SuppressedDestination](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

GetTenant

Get information about a specific tenant, including the tenant's name, ID, ARN, creation timestamp, tags, sending status, and suppression attributes.

Request Syntax

```
POST /v2/email/tenants/get HTTP/1.1
Content-type: application/json

{
  "TenantName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

TenantName

The name of the tenant to retrieve information about.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

Response Syntax

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

{
  "Tenant": {
    "CreatedTimestamp": number,
```

```
"SendingStatus": "string",
"SuppressionAttributes": {
  "SuppressedReasons": [ "string" ],
  "SuppressionScope": "string"
},
"Tags": [
  {
    "Key": "string",
    "Value": "string"
  }
],
"TenantArn": "string",
"TenantId": "string",
"TenantName": "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.

Tenant

A structure that contains details about the tenant.

Type: [Tenant](#) object

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListConfigurationSets

List all of the configuration sets associated with your account in the current region.

Configuration sets are groups of rules that you can apply to the emails you send. You apply a configuration set to an email by including a reference to the configuration set in the headers of the email. When you apply a configuration set to an email, all of the rules in that configuration set are applied to the email.

Request Syntax

```
GET /v2/email/configuration-sets?NextToken=NextToken&PageSize=PageSize HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

NextToken

A token returned from a previous call to `ListConfigurationSets` to indicate the position in the list of configuration sets.

PageSize

The number of results to show in a single call to `ListConfigurationSets`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "ConfigurationSets": [ "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.

ConfigurationSets

An array that contains all of the configuration sets in your Amazon SES account in the current AWS Region.

Type: Array of strings

NextToken

A token that indicates that there are additional configuration sets to list. To view additional configuration sets, issue another request to `ListConfigurationSets`, and pass this token in the `NextToken` parameter.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListContactLists

Lists all of the contact lists available.

If your output includes a "NextToken" field with a string value, this indicates there may be additional contacts on the filtered list - regardless of the number of contacts returned.

Request Syntax

```
GET /v2/email/contact-lists?NextToken=NextToken&PageSize=PageSize HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

NextToken

A string token indicating that there might be additional contact lists available to be listed. Use the token provided in the Response to use in the subsequent call to ListContactLists with the same parameters to retrieve the next page of contact lists.

PageSize

Maximum number of contact lists to return at once. Use this parameter to paginate results. If additional contact lists exist beyond the specified limit, the NextToken element is sent in the response. Use the NextToken value in subsequent requests to retrieve additional lists.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "ContactLists": [
    {
```

```
    "ContactListName": "string",  
    "LastUpdatedTimestamp": 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.

ContactLists

The available contact lists.

Type: Array of [ContactList](#) objects

NextToken

A string token indicating that there might be additional contact lists available to be listed. Copy this token to a subsequent call to `ListContactLists` with the same parameters to retrieve the next page of contact lists.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListContacts

Lists the contacts present in a specific contact list.

Request Syntax

```
POST /v2/email/contact-lists/ContactListName/contacts/list HTTP/1.1
Content-type: application/json
```

```
{
  "Filter": {
    "FilteredStatus": "string",
    "TopicFilter": {
      "TopicName": "string",
      "UseDefaultIfPreferenceUnavailable": boolean
    }
  },
  "NextToken": "string",
  "PageSize": number
}
```

URI Request Parameters

The request uses the following URI parameters.

ContactListName

The name of the contact list.

Required: Yes

Request Body

The request accepts the following data in JSON format.

Filter

A filter that can be applied to a list of contacts.

Type: [ListContactsFilter](#) object

Required: No

NextToken

A string token indicating that there might be additional contacts available to be listed. Use the token provided in the Response to use in the subsequent call to ListContacts with the same parameters to retrieve the next page of contacts.

Type: String

Required: No

PageSize

The number of contacts that may be returned at once, which is dependent on if there are more or less contacts than the value of the PageSize. Use this parameter to paginate results. If additional contacts exist beyond the specified limit, the NextToken element is sent in the response. Use the NextToken value in subsequent requests to retrieve additional contacts.

Type: Integer

Required: No

Response Syntax

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

{
  "Contacts": [
    {
      "EmailAddress": "string",
      "LastUpdatedTimestamp": number,
      "TopicDefaultPreferences": [
        {
          "SubscriptionStatus": "string",
          "TopicName": "string"
        }
      ],
      "TopicPreferences": [
        {
          "SubscriptionStatus": "string",
          "TopicName": "string"
        }
      ]
    }
  ]
}
```

```
    }  
  ],  
  "UnsubscribeAll": 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.

[Contacts](#)

The contacts present in a specific contact list.

Type: Array of [Contact](#) objects

[NextToken](#)

A string token indicating that there might be additional contacts available to be listed. Copy this token to a subsequent call to `ListContacts` with the same parameters to retrieve the next page of contacts.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListCustomVerificationEmailTemplates

Lists the existing custom verification email templates for your account in the current AWS Region.

For more information about custom verification email templates, see [Using custom verification email templates](#) in the *Amazon SES Developer Guide*.

You can execute this operation no more than once per second.

Request Syntax

```
GET /v2/email/custom-verification-email-templates?NextToken=NextToken&PageSize=PageSize
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[NextToken](#)

A token returned from a previous call to `ListCustomVerificationEmailTemplates` to indicate the position in the list of custom verification email templates.

[PageSize](#)

The number of results to show in a single call to `ListCustomVerificationEmailTemplates`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

The value you specify has to be at least 1, and can be no more than 50.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "CustomVerificationEmailTemplates": [
    {
      "FailureRedirectionURL": "string",
      "FromEmailAddress": "string",
      "SuccessRedirectionURL": "string",
      "TemplateName": "string",
      "TemplateSubject": "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.

CustomVerificationEmailTemplates

A list of the custom verification email templates that exist in your account.

Type: Array of [CustomVerificationEmailTemplateMetadata](#) objects

NextToken

A token indicating that there are additional custom verification email templates available to be listed. Pass this token to a subsequent call to `ListCustomVerificationEmailTemplates` to retrieve the next 50 custom verification email templates.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListDedicatedIpPools

List all of the dedicated IP pools that exist in your AWS account in the current Region.

Request Syntax

```
GET /v2/email/dedicated-ip-pools?NextToken=NextToken&PageSize=PageSize HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[NextToken](#)

A token returned from a previous call to `ListDedicatedIpPools` to indicate the position in the list of dedicated IP pools.

[PageSize](#)

The number of results to show in a single call to `ListDedicatedIpPools`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "DedicatedIpPools": [ "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.

DedicatedIpPools

A list of all of the dedicated IP pools that are associated with your AWS account in the current Region.

Type: Array of strings

NextToken

A token that indicates that there are additional IP pools to list. To view additional IP pools, issue another request to `ListDedicatedIpPools`, passing this token in the `NextToken` parameter.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListDeliverabilityTestReports

Show a list of the predictive inbox placement tests that you've performed, regardless of their statuses. For predictive inbox placement tests that are complete, you can use the `GetDeliverabilityTestReport` operation to view the results.

Request Syntax

```
GET /v2/email/deliverability-dashboard/test-reports?
NextToken=NextToken&PageSize=PageSize HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

NextToken

A token returned from a previous call to `ListDeliverabilityTestReports` to indicate the position in the list of predictive inbox placement tests.

PageSize

The number of results to show in a single call to `ListDeliverabilityTestReports`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

The value you specify has to be at least 0, and can be no more than 1000.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "DeliverabilityTestReports": [
    {
```

```
    "CreateDate": number,
    "DeliverabilityTestStatus": "string",
    "FromEmailAddress": "string",
    "ReportId": "string",
    "ReportName": "string",
    "Subject": "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.

[DeliverabilityTestReports](#)

An object that contains a lists of predictive inbox placement tests that you've performed.

Type: Array of [DeliverabilityTestReport](#) objects

[NextToken](#)

A token that indicates that there are additional predictive inbox placement tests to list. To view additional predictive inbox placement tests, issue another request to `ListDeliverabilityTestReports`, and pass this token in the `NextToken` parameter.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListDomainDeliverabilityCampaigns

Retrieve deliverability data for all the campaigns that used a specific domain to send email during a specified time range. This data is available for a domain only if you enabled the Deliverability dashboard for the domain.

Request Syntax

```
GET /v2/email/deliverability-dashboard/domains/SubscribedDomain/campaigns?  
EndDate=EndDate&NextToken=NextToken&PageSize=PageSize&StartDate=StartDate HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

EndDate

The last day that you want to obtain deliverability data for. This value has to be less than or equal to 30 days after the value of the `StartDate` parameter.

Required: Yes

NextToken

A token that's returned from a previous call to the `ListDomainDeliverabilityCampaigns` operation. This token indicates the position of a campaign in the list of campaigns.

PageSize

The maximum number of results to include in response to a single call to the `ListDomainDeliverabilityCampaigns` operation. If the number of results is larger than the number that you specify in this parameter, the response includes a `NextToken` element, which you can use to obtain additional results.

StartDate

The first day that you want to obtain deliverability data for.

Required: Yes

SubscribedDomain

The domain to obtain deliverability data for.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "DomainDeliverabilityCampaigns": [
    {
      "CampaignId": "string",
      "DeleteRate": number,
      "Esps": [ "string" ],
      "FirstSeenDateTime": number,
      "FromAddress": "string",
      "ImageUrl": "string",
      "InboxCount": number,
      "LastSeenDateTime": number,
      "ProjectedVolume": number,
      "ReadDeleteRate": number,
      "ReadRate": number,
      "SendingIps": [ "string" ],
      "SpamCount": number,
      "Subject": "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.

DomainDeliverabilityCampaigns

An array of responses, one for each campaign that used the domain to send email during the specified time range.

Type: Array of [DomainDeliverabilityCampaign](#) objects

NextToken

A token that's returned from a previous call to the `ListDomainDeliverabilityCampaigns` operation. This token indicates the position of the campaign in the list of campaigns.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListEmailIdentities

Returns a list of all of the email identities that are associated with your AWS account. An identity can be either an email address or a domain. This operation returns identities that are verified as well as those that aren't. This operation returns identities that are associated with Amazon SES and Amazon Pinpoint.

Request Syntax

```
GET /v2/email/identities?NextToken=NextToken&PageSize=PageSize HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

NextToken

A token returned from a previous call to `ListEmailIdentities` to indicate the position in the list of identities.

PageSize

The number of results to show in a single call to `ListEmailIdentities`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

The value you specify has to be at least 0, and can be no more than 1000.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "EmailIdentities": [
```

```
{
  "IdentityName": "string",
  "IdentityType": "string",
  "SendingEnabled": boolean,
  "VerificationStatus": "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.

EmailIdentities

An array that includes all of the email identities associated with your AWS account.

Type: Array of [IdentityInfo](#) objects

NextToken

A token that indicates that there are additional configuration sets to list. To view additional configuration sets, issue another request to `ListEmailIdentities`, and pass this token in the `NextToken` parameter.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListEmailTemplates

Lists the email templates present in your Amazon SES account in the current AWS Region.

You can execute this operation no more than once per second.

Request Syntax

```
GET /v2/email/templates?NextToken=NextToken&PageSize=PageSize HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[NextToken](#)

A token returned from a previous call to `ListEmailTemplates` to indicate the position in the list of email templates.

[PageSize](#)

The number of results to show in a single call to `ListEmailTemplates`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

The value you specify has to be at least 1, and can be no more than 100.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "NextToken": "string",
  "TemplatesMetadata": [
```

```
{
  "CreatedTimestamp": number,
  "TemplateName": "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

A token indicating that there are additional email templates available to be listed. Pass this token to a subsequent `ListEmailTemplates` call to retrieve the next 10 email templates.

Type: String

TemplatesMetadata

An array that contains the name and creation time stamp for each template in your Amazon SES account.

Type: Array of [EmailTemplateMetadata](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListExportJobs

Lists all of the export jobs.

Request Syntax

```
POST /v2/email/list-export-jobs HTTP/1.1
Content-type: application/json
```

```
{
  "ExportSourceType": "string",
  "JobStatus": "string",
  "NextToken": "string",
  "PageSize": number
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ExportSourceType

A value used to list export jobs that have a certain ExportSourceType.

Type: String

Valid Values: METRICS_DATA | MESSAGE_INSIGHTS

Required: No

JobStatus

A value used to list export jobs that have a certain JobStatus.

Type: String

Valid Values: CREATED | PROCESSING | COMPLETED | FAILED | CANCELLED

Required: No

NextToken

The pagination token returned from a previous call to `ListExportJobs` to indicate the position in the list of export jobs.

Type: String

Required: No

PageSize

Maximum number of export jobs to return at once. Use this parameter to paginate results. If additional export jobs exist beyond the specified limit, the `NextToken` element is sent in the response. Use the `NextToken` value in subsequent calls to `ListExportJobs` to retrieve additional export jobs.

Type: Integer

Required: No

Response Syntax

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

{
  "ExportJobs": [
    {
      "CompletedTimestamp": number,
      "CreatedTimestamp": number,
      "ExportSourceType": "string",
      "JobId": "string",
      "JobStatus": "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.

ExportJobs

A list of the export job summaries.

Type: Array of [ExportJobSummary](#) objects

NextToken

A string token indicating that there might be additional export jobs available to be listed. Use this token to a subsequent call to `ListExportJobs` with the same parameters to retrieve the next page of export jobs.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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 all of the import jobs.

Request Syntax

```
POST /v2/email/import-jobs/list HTTP/1.1
Content-type: application/json
```

```
{
  "ImportDestinationType": "string",
  "NextToken": "string",
  "PageSize": number
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ImportDestinationType

The destination of the import job, which can be used to list import jobs that have a certain ImportDestinationType.

Type: String

Valid Values: SUPPRESSION_LIST | CONTACT_LIST

Required: No

NextToken

A string token indicating that there might be additional import jobs available to be listed. Copy this token to a subsequent call to ListImportJobs with the same parameters to retrieve the next page of import jobs.

Type: String

Required: No

PageSize

Maximum number of import jobs to return at once. Use this parameter to paginate results. If additional import jobs exist beyond the specified limit, the `NextToken` element is sent in the response. Use the `NextToken` value in subsequent requests to retrieve additional addresses.

Type: Integer

Required: No

Response Syntax

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

{
  "ImportJobs": [
    {
      "CreatedTimestamp": number,
      "FailedRecordsCount": number,
      "ImportDestination": {
        "ContactListDestination": {
          "ContactListImportAction": "string",
          "ContactListName": "string"
        },
        "SuppressionListDestination": {
          "SuppressionListImportAction": "string"
        }
      },
      "JobId": "string",
      "JobStatus": "string",
      "ProcessedRecordsCount": 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.

ImportJobs

A list of the import job summaries.

Type: Array of [ImportJobSummary](#) objects

NextToken

A string token indicating that there might be additional import jobs available to be listed. Copy this token to a subsequent call to `ListImportJobs` with the same parameters to retrieve the next page of import jobs.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListMultiRegionEndpoints

List the multi-region endpoints (global-endpoints).

Only multi-region endpoints (global-endpoints) whose primary region is the AWS-Region where operation is executed will be listed.

Request Syntax

```
GET /v2/email/multi-region-endpoints?NextToken=NextToken&PageSize=PageSize HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

NextToken

A token returned from a previous call to `ListMultiRegionEndpoints` to indicate the position in the list of multi-region endpoints (global-endpoints).

Length Constraints: Minimum length of 1. Maximum length of 5000.

Pattern: `^[^([A-Za-z0-9+/\]{4})*([A-Za-z0-9+/\]{2}==|[A-Za-z0-9+/\]{3}=)?$`

PageSize

The number of results to show in a single call to `ListMultiRegionEndpoints`. If the number of results is larger than the number you specified in this parameter, the response includes a `NextToken` element that you can use to retrieve the next page of results.

Valid Range: Minimum value of 1. Maximum value of 1000.

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "MultiRegionEndpoints": [
    {
      "CreatedTimestamp": number,
      "EndpointId": "string",
      "EndpointName": "string",
      "LastUpdatedTimestamp": number,
      "Regions": [ "string" ],
      "Status": "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.

MultiRegionEndpoints

An array that contains key multi-region endpoint (global-endpoint) properties.

Type: Array of [MultiRegionEndpoint](#) objects

NextToken

A token indicating that there are additional multi-region endpoints (global-endpoints) available to be listed. Pass this token to a subsequent `ListMultiRegionEndpoints` call to retrieve the next page.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 5000.

Pattern: `^[^([A-Za-z0-9+/]{4})*([A-Za-z0-9+/]{2}=|[A-Za-z0-9+/]{3}=)?$`

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListRecommendations

Lists the recommendations present in your Amazon SES account in the current AWS Region.

You can execute this operation no more than once per second.

Request Syntax

```
POST /v2/email/vdm/recommendations HTTP/1.1
Content-type: application/json
```

```
{
  "Filter": {
    "string" : "string"
  },
  "NextToken": "string",
  "PageSize": number
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Filter

Filters applied when retrieving recommendations. Can either be an individual filter, or combinations of STATUS and IMPACT or STATUS and TYPE

Type: String to string map

Map Entries: Maximum number of 2 items.

Valid Keys: TYPE | IMPACT | STATUS | RESOURCE_ARN

Value Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

NextToken

A token returned from a previous call to `ListRecommendations` to indicate the position in the list of recommendations.

Type: String

Required: No

PageSize

The number of results to show in a single call to `ListRecommendations`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

The value you specify has to be at least 1, and can be no more than 100.

Type: Integer

Required: No

Response Syntax

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

{
  "NextToken": "string",
  "Recommendations": [
    {
      "CreatedTimestamp": number,
      "Description": "string",
      "Impact": "string",
      "LastUpdatedTimestamp": number,
      "ResourceArn": "string",
      "Status": "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](#)

A string token indicating that there might be additional recommendations available to be listed. Use the token provided in the `ListRecommendationsResponse` to use in the subsequent call to `ListRecommendations` with the same parameters to retrieve the next page of recommendations.

Type: String

[Recommendations](#)

The recommendations applicable to your account.

Type: Array of [Recommendation](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListReputationEntities

List reputation entities in your Amazon SES account in the current AWS Region. You can filter the results by entity type, reputation impact, sending status, or entity reference prefix.

Reputation entities represent resources in your account that have reputation tracking and management capabilities. Use this operation to get an overview of all entities and their current reputation status.

Request Syntax

```
POST /v2/email/reputation/entities HTTP/1.1
Content-type: application/json
```

```
{
  "Filter": {
    "string" : "string"
  },
  "NextToken": "string",
  "PageSize": number
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Filter

An object that contains filters to apply when listing reputation entities. You can filter by entity type, reputation impact, sending status, or entity reference prefix.

Type: String to string map

Valid Keys: ENTITY_TYPE | REPUTATION_IMPACT | SENDING_STATUS | ENTITY_REFERENCE_PREFIX

Value Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

NextToken

A token returned from a previous call to `ListReputationEntities` to indicate the position in the list of reputation entities.

Type: String

Required: No

PageSize

The number of results to show in a single call to `ListReputationEntities`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

Type: Integer

Required: No

Response Syntax

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

{
  "NextToken": "string",
  "ReputationEntities": [
    {
      "AwsSesManagedStatus": {
        "Cause": "string",
        "LastUpdatedTimestamp": number,
        "Status": "string"
      },
      "CustomerManagedStatus": {
        "Cause": "string",
        "LastUpdatedTimestamp": number,
        "Status": "string"
      },
      "ReputationEntityReference": "string",
      "ReputationEntityType": "string",
      "ReputationImpact": "string",
```

```
    "ReputationManagementPolicy": "string",  
    "SendingStatusAggregate": "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

A token that indicates that there are additional reputation entities to list. To view additional reputation entities, issue another request to `ListReputationEntities`, and pass this token in the `NextToken` parameter.

Type: String

ReputationEntities

An array that contains information about the reputation entities in your account.

Type: Array of [ReputationEntity](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListResourceTenants

List all tenants associated with a specific resource.

This operation returns a list of tenants that are associated with the specified resource. This is useful for understanding which tenants are currently using a particular resource such as an email identity, configuration set, or email template.

Request Syntax

```
POST /v2/email/resources/tenants/list HTTP/1.1
Content-type: application/json
```

```
{
  "NextToken": "string",
  "PageSize": number,
  "ResourceArn": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

NextToken

A token returned from a previous call to `ListResourceTenants` to indicate the position in the list of resource tenants.

Type: String

Required: No

PageSize

The number of results to show in a single call to `ListResourceTenants`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

Type: Integer

Required: No

ResourceArn

The Amazon Resource Name (ARN) of the resource to list associated tenants for.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

Response Syntax

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

{
  "NextToken": "string",
  "ResourceTenants": [
    {
      "AssociatedTimestamp": number,
      "ResourceArn": "string",
      "TenantId": "string",
      "TenantName": "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

A token that indicates that there are additional tenants to list. To view additional tenants, issue another request to `ListResourceTenants`, and pass this token in the `NextToken` parameter.

Type: String

[ResourceTenants](#)

An array that contains information about each tenant associated with the resource.

Type: Array of [ResourceTenantMetadata](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListSuppressedDestinations

Retrieves a list of email addresses that are on the suppression list for your account or for a specific tenant. To target a tenant's suppression list, specify the `TenantName` parameter. If you omit `TenantName`, the operation targets the account-level suppression list.

Request Syntax

```
GET /v2/email/suppression/addresses?  
EndDate=EndDate&NextToken=NextToken&PageSize=PageSize&Reason=Reasons&StartDate=StartDate&TenantName=TenantName  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

EndDate

Used to filter the list of suppressed email destinations so that it only includes addresses that were added to the list before a specific date.

NextToken

A token returned from a previous call to `ListSuppressedDestinations` to indicate the position in the list of suppressed email addresses.

PageSize

The number of results to show in a single call to `ListSuppressedDestinations`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

Reasons

The factors that caused the email address to be added to the suppression list for your account or for a specific tenant.

Valid Values: BOUNCE | COMPLAINT

StartDate

Used to filter the list of suppressed email destinations so that it only includes addresses that were added to the list after a specific date.

TenantName

The name of the tenant whose suppression list you want to retrieve. If you omit this parameter, the operation targets the account-level suppression list.

Length Constraints: Minimum length of 1.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "NextToken": "string",
  "SuppressedDestinationSummaries": [
    {
      "EmailAddress": "string",
      "LastUpdateTime": number,
      "Reason": "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

A token that indicates that there are additional email addresses on the suppression list for your account or for the specified tenant. To view additional suppressed addresses, issue another request to `ListSuppressedDestinations`, and pass this token in the `NextToken` parameter.

Type: String

[SuppressedDestinationSummaries](#)

A list of summaries, each containing a summary for a suppressed email destination.

Type: Array of [SuppressedDestinationSummary](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

InvalidNextTokenException

The specified request includes an invalid or expired token.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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

Retrieve a list of the tags (keys and values) that are associated with a specified resource. A *tag* is a label that you optionally define and associate with a resource. Each tag consists of a required *tag key* and an optional associated *tag value*. A tag key is a general label that acts as a category for more specific tag values. A tag value acts as a descriptor within a tag key.

Request Syntax

```
GET /v2/email/tags?ResourceArn=ResourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ResourceArn

The Amazon Resource Name (ARN) of the resource that you want to retrieve tag information for.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "Tags": [
    {
      "Key": "string",
      "Value": "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](#)

An array that lists all the tags that are associated with the resource. Each tag consists of a required tag key (Key) and an associated tag value (Value)

Type: Array of [Tag](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListTenantResources

List all resources associated with a specific tenant.

This operation returns a list of resources (email identities, configuration sets, or email templates) that are associated with the specified tenant. You can optionally filter the results by resource type.

Request Syntax

```
POST /v2/email/tenants/resources/list HTTP/1.1
Content-type: application/json

{
  "Filter": {
    "string" : "string"
  },
  "NextToken": "string",
  "PageSize": number,
  "TenantName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Filter

A map of filter keys and values for filtering the list of tenant resources. Currently, the only supported filter key is RESOURCE_TYPE.

Type: String to string map

Valid Keys: RESOURCE_TYPE

Value Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

NextToken

A token returned from a previous call to `ListTenantResources` to indicate the position in the list of tenant resources.

Type: String

Required: No

PageSize

The number of results to show in a single call to `ListTenantResources`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

Type: Integer

Required: No

TenantName

The name of the tenant to list resources for.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

Response Syntax

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

{
  "NextToken": "string",
  "TenantResources": [
    {
      "ResourceArn": "string",
      "ResourceType": "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

A token that indicates that there are additional resources to list. To view additional resources, issue another request to `ListTenantResources`, and pass this token in the `NextToken` parameter.

Type: String

TenantResources

An array that contains information about each resource associated with the tenant.

Type: Array of [TenantResource](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

ListTenants

List all tenants associated with your account in the current AWS Region.

This operation returns basic information about each tenant, such as tenant name, ID, ARN, and creation timestamp.

Request Syntax

```
POST /v2/email/tenants/list HTTP/1.1
Content-type: application/json

{
  "NextToken": "string",
  "PageSize": number
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

NextToken

A token returned from a previous call to `ListTenants` to indicate the position in the list of tenants.

Type: String

Required: No

PageSize

The number of results to show in a single call to `ListTenants`. If the number of results is larger than the number you specified in this parameter, then the response includes a `NextToken` element, which you can use to obtain additional results.

Type: Integer

Required: No

Response Syntax

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

{
  "NextToken": "string",
  "Tenants": [
    {
      "CreatedTimestamp": number,
      "TenantArn": "string",
      "TenantId": "string",
      "TenantName": "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](#)

A token that indicates that there are additional tenants to list. To view additional tenants, issue another request to `ListTenants`, and pass this token in the `NextToken` parameter.

Type: String

[Tenants](#)

An array that contains basic information about each tenant.

Type: Array of [TenantInfo](#) objects

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutAccountDedicatedIpWarmupAttributes

Enable or disable the automatic warm-up feature for dedicated IP addresses.

Request Syntax

```
PUT /v2/email/account/dedicated-ips/warmup HTTP/1.1
Content-type: application/json

{
  "AutoWarmupEnabled": boolean
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[AutoWarmupEnabled](#)

Enables or disables the automatic warm-up feature for dedicated IP addresses that are associated with your Amazon SES account in the current AWS Region. Set to `true` to enable the automatic warm-up feature, or set to `false` to disable it.

Type: Boolean

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutAccountDetails

Update your Amazon SES account details.

Request Syntax

```
POST /v2/email/account/details HTTP/1.1
Content-type: application/json

{
  "AdditionalContactEmailAddresses": [ "string" ],
  "ContactLanguage": "string",
  "MailType": "string",
  "ProductionAccessEnabled": boolean,
  "UseCaseDescription": "string",
  "WebsiteURL": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

AdditionalContactEmailAddresses

Additional email addresses that you would like to be notified regarding Amazon SES matters.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Length Constraints: Minimum length of 6. Maximum length of 254.

Pattern: `^(.+ )@(.+ )$`

Required: No

ContactLanguage

The language you would prefer to be contacted with.

Type: String

Valid Values: EN | JA

Required: No

MailType

The type of email your account will send.

Type: String

Valid Values: MARKETING | TRANSACTIONAL

Required: Yes

ProductionAccessEnabled

Indicates whether or not your account should have production access in the current AWS Region.

If the value is `false`, then your account is in the *sandbox*. When your account is in the sandbox, you can only send email to verified identities.

If the value is `true`, then your account has production access. When your account has production access, you can send email to any address. The sending quota and maximum sending rate for your account vary based on your specific use case.

Type: Boolean

Required: No

UseCaseDescription

This parameter has been deprecated.

A description of the types of email that you plan to send.

Type: String

Length Constraints: Maximum length of 5000.

Required: No

WebsiteURL

The URL of your website. This information helps us better understand the type of content that you plan to send.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

Pattern: `^(( [^:/?#]+):)?(//([^/?#]*))?([^\?#]*)(\?([^\#]*))?(#(.*))?`

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConflictException

If there is already an ongoing account details update under review.

HTTP Status Code: 409

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutAccountSendingAttributes

Enable or disable the ability of your account to send email.

Request Syntax

```
PUT /v2/email/account/sending HTTP/1.1
Content-type: application/json

{
  "SendingEnabled": boolean
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

SendingEnabled

Enables or disables your account's ability to send email. Set to `true` to enable email sending, or set to `false` to disable email sending.

Note

If AWS paused your account's ability to send email, you can't use this operation to resume your account's ability to send email.

Type: Boolean

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutAccountSuppressionAttributes

Change the settings for the account-level suppression list.

Request Syntax

```
PUT /v2/email/account/suppression HTTP/1.1
Content-type: application/json

{
  "SuppressedReasons": [ "string" ],
  "ValidationAttributes": {
    "ConditionThreshold": {
      "ConditionThresholdEnabled": "string",
      "OverallConfidenceThreshold": {
        "ConfidenceVerdictThreshold": "string"
      }
    }
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

SuppressedReasons

A list that contains the reasons that email addresses will be automatically added to the suppression list for your account. This list can contain any or all of the following:

- COMPLAINT – Amazon SES adds an email address to the suppression list for your account when a message sent to that address results in a complaint.
- BOUNCE – Amazon SES adds an email address to the suppression list for your account when a message sent to that address results in a hard bounce.

Type: Array of strings

Valid Values: BOUNCE | COMPLAINT

Required: No

ValidationAttributes

An object that contains additional suppression attributes for your account.

Type: [SuppressionValidationAttributes](#) object

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutAccountVdmAttributes

Update your Amazon SES account VDM attributes.

You can execute this operation no more than once per second.

Request Syntax

```
PUT /v2/email/account/vdm HTTP/1.1
Content-type: application/json

{
  "VdmAttributes": {
    "DashboardAttributes": {
      "EngagementMetrics": "string"
    },
    "GuardianAttributes": {
      "OptimizedSharedDelivery": "string"
    },
    "VdmEnabled": "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

VdmAttributes

The VDM attributes that you wish to apply to your Amazon SES account.

Type: [VdmAttributes](#) object

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutConfigurationSetArchivingOptions

Associate the configuration set with a MailManager archive. When you send email using the `SendEmail` or `SendBulkEmail` operations the message as it will be given to the receiving SMTP server will be archived, along with the recipient information.

Request Syntax

```
PUT /v2/email/configuration-sets/ConfigurationSetName/archiving-options HTTP/1.1
Content-type: application/json
```

```
{
  "ArchiveArn": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set to associate with a MailManager archive.

Required: Yes

Request Body

The request accepts the following data in JSON format.

ArchiveArn

The Amazon Resource Name (ARN) of the MailManager archive that the Amazon SES API v2 sends email to.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 1011.

Pattern: `arn:(aws|aws-[a-z-]+):ses:[a-z]{2,4}-[a-z-]+-[0-9]:[0-9]{1,20}:mailmanager-archive/a-[a-z0-9]{24,62}`

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutConfigurationSetDeliveryOptions

Associate a configuration set with a dedicated IP pool. You can use dedicated IP pools to create groups of dedicated IP addresses for sending specific types of email.

Request Syntax

```
PUT /v2/email/configuration-sets/ConfigurationSetName/delivery-options HTTP/1.1
Content-type: application/json
```

```
{
  "MaxDeliverySeconds": number,
  "SendingPoolName": "string",
  "TlsPolicy": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set to associate with a dedicated IP pool.

Required: Yes

Request Body

The request accepts the following data in JSON format.

MaxDeliverySeconds

The maximum amount of time, in seconds, that Amazon SES API v2 will attempt delivery of email. If specified, the value must be greater than or equal to 300 seconds (5 minutes) and less than or equal to 50400 seconds (840 minutes).

Type: Long

Valid Range: Minimum value of 300. Maximum value of 50400.

Required: No

SendingPoolName

The name of the dedicated IP pool to associate with the configuration set.

Type: String

Required: No

TlsPolicy

Specifies whether messages that use the configuration set are required to use Transport Layer Security (TLS). If the value is `Require`, messages are only delivered if a TLS connection can be established. If the value is `Optional`, messages can be delivered in plain text if a TLS connection can't be established.

Type: String

Valid Values: `REQUIRE` | `OPTIONAL`

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutConfigurationSetReputationOptions

Enable or disable collection of reputation metrics for emails that you send using a particular configuration set in a specific AWS Region.

Request Syntax

```
PUT /v2/email/configuration-sets/ConfigurationSetName/reputation-options HTTP/1.1
Content-type: application/json
```

```
{
  "ReputationMetricsEnabled": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set.

Required: Yes

Request Body

The request accepts the following data in JSON format.

ReputationMetricsEnabled

If `true`, tracking of reputation metrics is enabled for the configuration set. If `false`, tracking of reputation metrics is disabled for the configuration set.

Type: Boolean

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutConfigurationSetSendingOptions

Enable or disable email sending for messages that use a particular configuration set in a specific AWS Region.

Request Syntax

```
PUT /v2/email/configuration-sets/ConfigurationSetName/sending HTTP/1.1
Content-type: application/json

{
  "SendingEnabled": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set to enable or disable email sending for.

Required: Yes

Request Body

The request accepts the following data in JSON format.

SendingEnabled

If `true`, email sending is enabled for the configuration set. If `false`, email sending is disabled for the configuration set.

Type: Boolean

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutConfigurationSetSuppressionOptions

Specify the suppression list preferences for a configuration set. You can also use this operation to specify a `SuppressionScope` to override the suppression scope of the tenant or account for emails sent using this configuration set.

Request Syntax

```
PUT /v2/email/configuration-sets/ConfigurationSetName/suppression-options HTTP/1.1
Content-type: application/json
```

```
{
  "SuppressedReasons": [ "string" ],
  "SuppressionScope": "string",
  "ValidationOptions": {
    "ConditionThreshold": {
      "ConditionThresholdEnabled": "string",
      "OverallConfidenceThreshold": {
        "ConfidenceVerdictThreshold": "string"
      }
    }
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set to change the suppression list preferences for.

Required: Yes

Request Body

The request accepts the following data in JSON format.

SuppressedReasons

A list that contains the reasons that email addresses are automatically added to the suppression list for your account or for a specific tenant. This list can contain any or all of the following:

- COMPLAINT – Amazon SES adds an email address to the suppression list for your account or for a specific tenant when a message sent to that address results in a complaint.
- BOUNCE – Amazon SES adds an email address to the suppression list for your account or for a specific tenant when a message sent to that address results in a hard bounce.

Type: Array of strings

Valid Values: BOUNCE | COMPLAINT

Required: No

SuppressionScope

The suppression scope for the configuration set. This overrides the tenant or account suppression scope for emails sent using this configuration set. Can be one of the following:

- TENANT – Use the tenant's suppression list.
- ACCOUNT – Use the account-level suppression list.

Type: String

Valid Values: ACCOUNT | TENANT

Required: No

ValidationOptions

An object that contains information about the email address suppression preferences for the configuration set in the current AWS Region.

Type: [SuppressionValidationOptions](#) object

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutConfigurationSetTrackingOptions

Specify a custom domain to use for open and click tracking elements in email that you send.

Request Syntax

```
PUT /v2/email/configuration-sets/ConfigurationSetName/tracking-options HTTP/1.1
Content-type: application/json

{
  "CustomRedirectDomain": "string",
  "HttpsPolicy": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set.

Required: Yes

Request Body

The request accepts the following data in JSON format.

CustomRedirectDomain

The domain to use to track open and click events.

Type: String

Required: No

HttpsPolicy

The https policy to use for tracking open and click events. If the value is OPTIONAL or HttpsPolicy is not specified, the open trackers use HTTP and click tracker use the original protocol of the link. If the value is REQUIRE, both open and click tracker uses HTTPS and if the

value is `REQUIRE_OPEN_ONLY` open tracker uses HTTPS and link tracker is same as original protocol of the link.

Type: String

Valid Values: `REQUIRE` | `REQUIRE_OPEN_ONLY` | `OPTIONAL`

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutConfigurationSetVdmOptions

Specify VDM preferences for email that you send using the configuration set.

You can execute this operation no more than once per second.

Request Syntax

```
PUT /v2/email/configuration-sets/ConfigurationSetName/vdm-options HTTP/1.1
Content-type: application/json
```

```
{
  "VdmOptions": {
    "DashboardOptions": {
      "EngagementMetrics": "string"
    },
    "GuardianOptions": {
      "OptimizedSharedDelivery": "string"
    }
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

ConfigurationSetName

The name of the configuration set.

Required: Yes

Request Body

The request accepts the following data in JSON format.

VdmOptions

The VDM options to apply to the configuration set.

Type: VdmOptions object

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutDedicatedIpInPool

Move a dedicated IP address to an existing dedicated IP pool.

Note

The dedicated IP address that you specify must already exist, and must be associated with your AWS account.

The dedicated IP pool you specify must already exist. You can create a new pool by using the `CreateDedicatedIpPool` operation.

Request Syntax

```
PUT /v2/email/dedicated-ips/IP/pool HTTP/1.1
Content-type: application/json

{
  "DestinationPoolName": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

IP

The IP address that you want to move to the dedicated IP pool. The value you specify has to be a dedicated IP address that's associated with your AWS account.

Required: Yes

Request Body

The request accepts the following data in JSON format.

DestinationPoolName

The name of the IP pool that you want to add the dedicated IP address to. You have to specify an IP pool that already exists.

Type: String

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutDedicatedIpPoolScalingAttributes

Used to convert a dedicated IP pool to a different scaling mode.

Note

MANAGED pools cannot be converted to STANDARD scaling mode.

Request Syntax

```
PUT /v2/email/dedicated-ip-pools/PoolName/scaling HTTP/1.1
Content-type: application/json
```

```
{
  "ScalingMode": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

PoolName

The name of the dedicated IP pool.

Required: Yes

Request Body

The request accepts the following data in JSON format.

ScalingMode

The scaling mode to apply to the dedicated IP pool.

Note

Changing the scaling mode from MANAGED to STANDARD is not supported.

Type: String

Valid Values: STANDARD | MANAGED

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutDedicatedIpWarmupAttributes

Request Syntax

```
PUT /v2/email/dedicated-ips/IP/warmup HTTP/1.1
Content-type: application/json

{
  "WarmupPercentage": number
}
```

URI Request Parameters

The request uses the following URI parameters.

IP

The dedicated IP address that you want to update the warm-up attributes for.

Required: Yes

Request Body

The request accepts the following data in JSON format.

WarmupPercentage

The warm-up percentage that you want to associate with the dedicated IP address.

Type: Integer

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutDeliverabilityDashboardOption

Enable or disable the Deliverability dashboard. When you enable the Deliverability dashboard, you gain access to reputation, deliverability, and other metrics for the domains that you use to send email. You also gain the ability to perform predictive inbox placement tests.

When you use the Deliverability dashboard, you pay a monthly subscription charge, in addition to any other fees that you accrue by using Amazon SES and other AWS services. For more information about the features and cost of a Deliverability dashboard subscription, see [Amazon SES Pricing](#).

Request Syntax

```
PUT /v2/email/deliverability-dashboard HTTP/1.1
Content-type: application/json
```

```
{
  "DashboardEnabled": boolean,
  "SubscribedDomains": [
    {
      "Domain": "string",
      "InboxPlacementTrackingOption": {
        "Global": boolean,
        "TrackedIps": [ "string" ]
      },
      "SubscriptionStartDate": number
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

DashboardEnabled

Specifies whether to enable the Deliverability dashboard. To enable the dashboard, set this value to `true`.

Type: Boolean

Required: Yes

SubscribedDomains

An array of objects, one for each verified domain that you use to send email and enabled the Deliverability dashboard for.

Type: Array of [DomainDeliverabilityTrackingOption](#) objects

Required: No

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](#).

AlreadyExistsException

The resource specified in your request already exists.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutEmailIdentityConfigurationSetAttributes

Used to associate a configuration set with an email identity.

Request Syntax

```
PUT /v2/email/identities/EmailIdentity/configuration-set HTTP/1.1
Content-type: application/json
```

```
{
  "ConfigurationSetName": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The email address or domain to associate with a configuration set.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request accepts the following data in JSON format.

ConfigurationSetName

The configuration set to associate with an email identity.

Type: String

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutEmailIdentityDkimAttributes

Used to enable or disable DKIM authentication for an email identity.

Request Syntax

```
PUT /v2/email/identities/EmailIdentity/dkim HTTP/1.1
Content-type: application/json

{
  "SigningEnabled": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The email identity.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request accepts the following data in JSON format.

SigningEnabled

Sets the DKIM signing configuration for the identity.

When you set this value `true`, then the messages that are sent from the identity are signed using DKIM. If you set this value to `false`, your messages are sent without DKIM signing.

Type: Boolean

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutEmailIdentityDkimSigningAttributes

Used to configure or change the DKIM authentication settings for an email domain identity. You can use this operation to do any of the following:

- Update the signing attributes for an identity that uses Bring Your Own DKIM (BYODKIM).
- Update the key length that should be used for Easy DKIM.
- Change from using no DKIM authentication to using Easy DKIM.
- Change from using no DKIM authentication to using BYODKIM.
- Change from using Easy DKIM to using BYODKIM.
- Change from using BYODKIM to using Easy DKIM.

Request Syntax

```
PUT /v2/email/identities/EmailIdentity/dkim/signing HTTP/1.1
Content-type: application/json
```

```
{
  "SigningAttributes": {
    "DomainSigningAttributesOrigin": "string",
    "DomainSigningPrivateKey": "string",
    "DomainSigningSelector": "string",
    "NextSigningKeyLength": "string"
  },
  "SigningAttributesOrigin": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The email identity.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request accepts the following data in JSON format.

SigningAttributes

An object that contains information about the private key and selector that you want to use to configure DKIM for the identity for Bring Your Own DKIM (BYODKIM) for the identity, or, configures the key length to be used for [Easy DKIM](#).

Type: [DkimSigningAttributes](#) object

Required: No

SigningAttributesOrigin

The method to use to configure DKIM for the identity. There are the following possible values:

- AWS_SES – Configure DKIM for the identity by using [Easy DKIM](#).
- EXTERNAL – Configure DKIM for the identity by using Bring Your Own DKIM (BYODKIM).

Type: String

Valid Values: AWS_SES | EXTERNAL | AWS_SES_AF_SOUTH_1 | AWS_SES_EU_NORTH_1 | AWS_SES_AP_SOUTH_1 | AWS_SES_EU_WEST_3 | AWS_SES_EU_WEST_2 | AWS_SES_EU_SOUTH_1 | AWS_SES_EU_WEST_1 | AWS_SES_AP_NORTHEAST_3 | AWS_SES_AP_NORTHEAST_2 | AWS_SES_ME_SOUTH_1 | AWS_SES_AP_NORTHEAST_1 | AWS_SES_IL_CENTRAL_1 | AWS_SES_SA_EAST_1 | AWS_SES_CA_CENTRAL_1 | AWS_SES_AP_SOUTHEAST_1 | AWS_SES_AP_SOUTHEAST_2 | AWS_SES_AP_SOUTHEAST_3 | AWS_SES_EU_CENTRAL_1 | AWS_SES_US_EAST_1 | AWS_SES_US_EAST_2 | AWS_SES_US_WEST_1 | AWS_SES_US_WEST_2 | AWS_SES_ME_CENTRAL_1 | AWS_SES_AP_SOUTH_2 | AWS_SES_EU_CENTRAL_2 | AWS_SES_AP_SOUTHEAST_5 | AWS_SES_CA_WEST_1

Required: Yes

Response Syntax

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

```
{
  "DkimStatus": "string",
  "DkimTokens": [ "string" ],
  "SigningHostedZone": "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.

DkimStatus

The DKIM authentication status of the identity. Amazon SES determines the authentication status by searching for specific records in the DNS configuration for your domain. If you used [Easy DKIM](#) to set up DKIM authentication, Amazon SES tries to find three unique CNAME records in the DNS configuration for your domain.

If you provided a public key to perform DKIM authentication, Amazon SES tries to find a TXT record that uses the selector that you specified. The value of the TXT record must be a public key that's paired with the private key that you specified in the process of creating the identity.

The status can be one of the following:

- PENDING – The verification process was initiated, but Amazon SES hasn't yet detected the DKIM records in the DNS configuration for the domain.
- SUCCESS – The verification process completed successfully.
- FAILED – The verification process failed. This typically occurs when Amazon SES fails to find the DKIM records in the DNS configuration of the domain.
- TEMPORARY_FAILURE – A temporary issue is preventing Amazon SES from determining the DKIM authentication status of the domain.
- NOT_STARTED – The DKIM verification process hasn't been initiated for the domain.

Type: String

Valid Values: PENDING | SUCCESS | FAILED | TEMPORARY_FAILURE | NOT_STARTED

DkimTokens

If you used [Easy DKIM](#) to configure DKIM authentication for the domain, then this object contains a set of unique strings that you use to create a set of CNAME records that you add to

the DNS configuration for your domain. When Amazon SES detects these records in the DNS configuration for your domain, the DKIM authentication process is complete.

If you configured DKIM authentication for the domain by providing your own public-private key pair, then this object contains the selector that's associated with your public key.

Regardless of the DKIM authentication method you use, Amazon SES searches for the appropriate records in the DNS configuration of the domain for up to 72 hours.

Type: Array of strings

SigningHostedZone

The hosted zone where Amazon SES publishes the DKIM public key TXT records for this email identity. This value indicates the DNS zone that customers must reference when configuring their CNAME records for DKIM authentication.

When configuring DKIM for your domain, create CNAME records in your DNS that point to the selectors in this hosted zone. For example:

```
selector1._domainkey.yourdomain.com CNAME selector1.<SigningHostedZone>
selector2._domainkey.yourdomain.com CNAME selector2.<SigningHostedZone>
selector3._domainkey.yourdomain.com CNAME selector3.<SigningHostedZone>
```

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutEmailIdentityFeedbackAttributes

Used to enable or disable feedback forwarding for an identity. This setting determines what happens when an identity is used to send an email that results in a bounce or complaint event.

If the value is `true`, you receive email notifications when bounce or complaint events occur. These notifications are sent to the address that you specified in the `Return-Path` header of the original email.

You're required to have a method of tracking bounces and complaints. If you haven't set up another mechanism for receiving bounce or complaint notifications (for example, by setting up an event destination), you receive an email notification when these events occur (even if this setting is disabled).

Request Syntax

```
PUT /v2/email/identities/EmailIdentity/feedback HTTP/1.1
Content-type: application/json

{
  "EmailForwardingEnabled": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The email identity.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request accepts the following data in JSON format.

EmailForwardingEnabled

Sets the feedback forwarding configuration for the identity.

If the value is `true`, you receive email notifications when bounce or complaint events occur. These notifications are sent to the address that you specified in the `Return-Path` header of the original email.

You're required to have a method of tracking bounces and complaints. If you haven't set up another mechanism for receiving bounce or complaint notifications (for example, by setting up an event destination), you receive an email notification when these events occur (even if this setting is disabled).

Type: Boolean

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutEmailIdentityMailFromAttributes

Used to enable or disable the custom Mail-From domain configuration for an email identity.

Request Syntax

```
PUT /v2/email/identities/EmailIdentity/mail-from HTTP/1.1
Content-type: application/json
```

```
{
  "BehaviorOnMxFailure": "string",
  "MailFromDomain": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The verified email identity.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request accepts the following data in JSON format.

BehaviorOnMxFailure

The action to take if the required MX record isn't found when you send an email. When you set this value to `UseDefaultValue`, the mail is sent using *amazonses.com* as the MAIL FROM domain. When you set this value to `RejectMessage`, the Amazon SES API v2 returns a `MailFromDomainNotVerified` error, and doesn't attempt to deliver the email.

These behaviors are taken when the custom MAIL FROM domain configuration is in the `Pending`, `Failed`, and `TemporaryFailure` states.

Type: String

Valid Values: USE_DEFAULT_VALUE | REJECT_MESSAGE

Required: No

MailFromDomain

The custom MAIL FROM domain that you want the verified identity to use. The MAIL FROM domain must meet the following criteria:

- It has to be a subdomain of the verified identity.
- It can't be used to receive email.
- It can't be used in a "From" address if the MAIL FROM domain is a destination for feedback forwarding emails.

Type: String

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutSuppressedDestination

Adds an email address to the suppression list for your account or for a specific tenant. To target a tenant's suppression list, specify the `TenantName` parameter. If you omit `TenantName`, the address is added to the account-level suppression list.

Request Syntax

```
PUT /v2/email/suppression/addresses HTTP/1.1
Content-type: application/json
```

```
{
  "EmailAddress": "string",
  "Reason": "string",
  "TenantName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

EmailAddress

The email address that should be added to the suppression list for your account or for the specified tenant.

Type: String

Required: Yes

Reason

The factors that should cause the email address to be added to the suppression list for your account or for the specified tenant.

Type: String

Valid Values: BOUNCE | COMPLAINT

Required: Yes

TenantName

The name of the tenant whose suppression list you want to add the address to. If you omit this parameter, the address is added to the account-level suppression list.

Type: String

Length Constraints: Minimum length of 1.

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

PutTenantSuppressionAttributes

Configure the suppression list preferences for a tenant. Use this operation to enable or disable tenant-level suppression, or to change the suppressed reasons for a tenant.

When you set the suppression scope to TENANT, Amazon SES maintains a separate suppression list for the tenant. When you set the scope to ACCOUNT, the tenant uses the account-level suppression list.

Request Syntax

```
POST /v2/email/tenant/suppression HTTP/1.1
Content-type: application/json
```

```
{
  "SuppressedReasons": [ "string" ],
  "SuppressionScope": "string",
  "TenantName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

SuppressedReasons

A list that contains the reasons that email addresses are automatically added to the suppression list for the tenant. This list can contain any or all of the following:

- COMPLAINT – Amazon SES adds an email address to the suppression list when a message sent to that address results in a complaint.
- BOUNCE – Amazon SES adds an email address to the suppression list when a message sent to that address results in a hard bounce.

Type: Array of strings

Valid Values: BOUNCE | COMPLAINT

Required: No

SuppressionScope

The suppression scope for the tenant. Specify TENANT to use the tenant's own suppression list, or ACCOUNT to use the account-level suppression list.

Note

If you don't specify a suppression scope, the tenant defaults to ACCOUNT scope and uses the account-level suppression list.

Type: String

Valid Values: ACCOUNT | TENANT

Required: No

TenantName

The name of the tenant to configure suppression list preferences for.

Type: String

Length Constraints: Minimum length of 1.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

SendBulkEmail

Composes an email message to multiple destinations.

Request Syntax

POST /v2/email/outbound-bulk-emails HTTP/1.1

Content-type: application/json

```
{
  "BulkEmailEntries": [
    {
      "Destination": {
        "BccAddresses": [ "string" ],
        "CcAddresses": [ "string" ],
        "ToAddresses": [ "string" ]
      },
      "ReplacementEmailContent": {
        "ReplacementTemplate": {
          "ReplacementTemplateData": "string"
        }
      },
      "ReplacementHeaders": [
        {
          "Name": "string",
          "Value": "string"
        }
      ],
      "ReplacementTags": [
        {
          "Name": "string",
          "Value": "string"
        }
      ]
    }
  ],
  "ConfigurationSetName": "string",
  "DefaultContent": {
    "Template": {
      "Attachments": [
        {
          "ContentDescription": "string",
          "ContentDisposition": "string",
```

```
        "ContentId": "string",
        "ContentTransferEncoding": "string",
        "ContentType": "string",
        "FileName": "string",
        "RawContent": blob
    }
],
"Headers": [
    {
        "Name": "string",
        "Value": "string"
    }
],
"TemplateArn": "string",
"TemplateContent": {
    "Html": "string",
    "Subject": "string",
    "Text": "string"
},
"TemplateData": "string",
"TemplateName": "string"
}
},
"DefaultEmailTags": [
    {
        "Name": "string",
        "Value": "string"
    }
],
"EndpointId": "string",
"FeedbackForwardingEmailAddress": "string",
"FeedbackForwardingEmailAddressIdentityArn": "string",
"FromEmailAddress": "string",
"FromEmailAddressIdentityArn": "string",
"ReplyToAddresses": [ "string" ],
"TenantName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

BulkEmailEntries

The list of bulk email entry objects.

Type: Array of [BulkEmailEntry](#) objects

Required: Yes

ConfigurationSetName

The name of the configuration set to use when sending the email.

Type: String

Required: No

DefaultContent

An object that contains the body of the message. You can specify a template message.

Type: [BulkEmailContent](#) object

Required: Yes

DefaultEmailTags

A list of tags, in the form of name/value pairs, to apply to an email that you send using the `SendEmail` operation. Tags correspond to characteristics of the email that you define, so that you can publish email sending events.

Type: Array of [MessageTag](#) objects

Required: No

EndpointId

The ID of the multi-region endpoint (global-endpoint).

Type: String

Required: No

FeedbackForwardingEmailAddress

The address that you want bounce and complaint notifications to be sent to.

Type: String

Required: No

FeedbackForwardingEmailAddressIdentityArn

This parameter is used only for sending authorization. It is the ARN of the identity that is associated with the sending authorization policy that permits you to use the email address specified in the `FeedbackForwardingEmailAddress` parameter.

For example, if the owner of `example.com` (which has ARN `arn:aws:ses:us-east-1:123456789012:identity/example.com`) attaches a policy to it that authorizes you to use `feedback@example.com`, then you would specify the `FeedbackForwardingEmailAddressIdentityArn` to be `arn:aws:ses:us-east-1:123456789012:identity/example.com`, and the `FeedbackForwardingEmailAddress` to be `feedback@example.com`.

For more information about sending authorization, see the [Amazon SES Developer Guide](#).

Type: String

Length Constraints: Minimum length of 1.

Required: No

FromEmailAddress

The email address to use as the "From" address for the email. The address that you specify has to be verified.

Type: String

Required: No

FromEmailAddressIdentityArn

This parameter is used only for sending authorization. It is the ARN of the identity that is associated with the sending authorization policy that permits you to use the email address specified in the `FromEmailAddress` parameter.

For example, if the owner of example.com (which has ARN `arn:aws:ses:us-east-1:123456789012:identity/example.com`) attaches a policy to it that authorizes you to use `sender@example.com`, then you would specify the `FromEmailAddressIdentityArn` to be `arn:aws:ses:us-east-1:123456789012:identity/example.com`, and the `FromEmailAddress` to be `sender@example.com`.

For more information about sending authorization, see the [Amazon SES Developer Guide](#).

Type: String

Length Constraints: Minimum length of 1.

Required: No

ReplyToAddresses

The "Reply-to" email addresses for the message. When the recipient replies to the message, each Reply-to address receives the reply.

Type: Array of strings

Required: No

TenantName

The name of the tenant through which this bulk email will be sent.

Note

The email sending operation will only succeed if all referenced resources (identities, configuration sets, and templates) are associated with this tenant.

Type: String

Length Constraints: Minimum length of 1.

Required: No

Response Syntax

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

```
{
  "BulkEmailEntryResults": [
    {
      "Error": "string",
      "MessageId": "string",
      "Status": "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.

[BulkEmailEntryResults](#)

One object per intended recipient. Check each response object and retry any messages with a failure status.

Type: Array of [BulkEmailEntryResult](#) objects

Errors

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

AccountSuspendedException

The message can't be sent because the account's ability to send email has been permanently restricted.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

MailFromDomainNotVerifiedException

The message can't be sent because the sending domain isn't verified.

HTTP Status Code: 400

MessageRejected

The message can't be sent because it contains invalid content.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

SendingPausedException

The message can't be sent because the account's ability to send email is currently paused.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

SendCustomVerificationEmail

Adds an email address to the list of identities for your Amazon SES account in the current AWS Region and attempts to verify it. As a result of executing this operation, a customized verification email is sent to the specified address.

To use this operation, you must first create a custom verification email template. For more information about creating and using custom verification email templates, see [Using custom verification email templates](#) in the *Amazon SES Developer Guide*.

You can execute this operation no more than once per second.

Request Syntax

```
POST /v2/email/outbound-custom-verification-emails HTTP/1.1
Content-type: application/json

{
  "ConfigurationSetName": "string",
  "EmailAddress": "string",
  "TemplateName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ConfigurationSetName

Name of a configuration set to use when sending the verification email.

Type: String

Required: No

EmailAddress

The email address to verify.

Type: String

Required: Yes

TemplateName

The name of the custom verification email template to use when sending the verification email.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

Response Syntax

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

{
  "MessageId": "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.

MessageId

The unique message identifier returned from the SendCustomVerificationEmail operation.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

MailFromDomainNotVerifiedException

The message can't be sent because the sending domain isn't verified.

HTTP Status Code: 400

MessageRejected

The message can't be sent because it contains invalid content.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

SendingPausedException

The message can't be sent because the account's ability to send email is currently paused.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

SendEmail

Sends an email message. You can use the Amazon SES API v2 to send the following types of messages:

- **Simple** – A standard email message. When you create this type of message, you specify the sender, the recipient, and the message body, and Amazon SES assembles the message for you.
- **Raw** – A raw, MIME-formatted email message. When you send this type of email, you have to specify all of the message headers, as well as the message body. You can use this message type to send messages that contain attachments. The message that you specify has to be a valid MIME message.
- **Templated** – A message that contains personalization tags. When you send this type of email, Amazon SES API v2 automatically replaces the tags with values that you specify.

Request Syntax

```
POST /v2/email/outbound-emails HTTP/1.1
Content-type: application/json

{
  "ConfigurationSetName": "string",
  "Content": {
    "Raw": {
      "Data": blob
    },
    "Simple": {
      "Attachments": [
        {
          "ContentDescription": "string",
          "ContentDisposition": "string",
          "ContentId": "string",
          "ContentTransferEncoding": "string",
          "ContentType": "string",
          "FileName": "string",
          "RawContent": blob
        }
      ],
      "Body": {
        "Html": {
          "Charset": "string",
```

```
    "Data": "string"
  },
  "Text": {
    "Charset": "string",
    "Data": "string"
  }
},
"Headers": [
  {
    "Name": "string",
    "Value": "string"
  }
],
"Subject": {
  "Charset": "string",
  "Data": "string"
}
},
"Template": {
  "Attachments": [
    {
      "ContentDescription": "string",
      "ContentDisposition": "string",
      "ContentId": "string",
      "ContentTransferEncoding": "string",
      "ContentType": "string",
      "FileName": "string",
      "RawContent": blob
    }
  ],
  "Headers": [
    {
      "Name": "string",
      "Value": "string"
    }
  ],
  "TemplateArn": "string",
  "TemplateContent": {
    "Html": "string",
    "Subject": "string",
    "Text": "string"
  },
  "TemplateData": "string",
  "TemplateName": "string"
```

```
    }
  },
  "Destination": {
    "BccAddresses": [ "string" ],
    "CcAddresses": [ "string" ],
    "ToAddresses": [ "string" ]
  },
  "EmailTags": [
    {
      "Name": "string",
      "Value": "string"
    }
  ],
  "EndpointId": "string",
  "FeedbackForwardingEmailAddress": "string",
  "FeedbackForwardingEmailAddressIdentityArn": "string",
  "FromEmailAddress": "string",
  "FromEmailAddressIdentityArn": "string",
  "ListManagementOptions": {
    "ContactListName": "string",
    "TopicName": "string"
  },
  "ReplyToAddresses": [ "string" ],
  "TenantName": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set to use when sending the email.

Type: String

Required: No

Content

An object that contains the body of the message. You can send either a Simple message, Raw message, or a Templated message.

Type: [EmailContent](#) object

Required: Yes

Destination

An object that contains the recipients of the email message.

Type: [Destination](#) object

Required: No

EmailTags

A list of tags, in the form of name/value pairs, to apply to an email that you send using the `SendEmail` operation. Tags correspond to characteristics of the email that you define, so that you can publish email sending events.

Type: Array of [MessageTag](#) objects

Required: No

EndpointId

The ID of the multi-region endpoint (global-endpoint).

Type: String

Required: No

FeedbackForwardingEmailAddress

The address that you want bounce and complaint notifications to be sent to.

Type: String

Required: No

FeedbackForwardingEmailAddressIdentityArn

This parameter is used only for sending authorization. It is the ARN of the identity that is associated with the sending authorization policy that permits you to use the email address specified in the `FeedbackForwardingEmailAddress` parameter.

For example, if the owner of example.com (which has ARN `arn:aws:ses:us-east-1:123456789012:identity/example.com`) attaches a policy to it that authorizes you to use `feedback@example.com`, then you would specify the `FeedbackForwardingEmailAddressIdentityArn` to be `arn:aws:ses:us-east-1:123456789012:identity/example.com`, and the `FeedbackForwardingEmailAddress` to be `feedback@example.com`.

For more information about sending authorization, see the [Amazon SES Developer Guide](#).

Type: String

Length Constraints: Minimum length of 1.

Required: No

FromEmailAddress

The email address to use as the "From" address for the email. The address that you specify has to be verified.

Type: String

Required: No

FromEmailAddressIdentityArn

This parameter is used only for sending authorization. It is the ARN of the identity that is associated with the sending authorization policy that permits you to use the email address specified in the `FromEmailAddress` parameter.

For example, if the owner of example.com (which has ARN `arn:aws:ses:us-east-1:123456789012:identity/example.com`) attaches a policy to it that authorizes you to use `sender@example.com`, then you would specify the `FromEmailAddressIdentityArn` to be `arn:aws:ses:us-east-1:123456789012:identity/example.com`, and the `FromEmailAddress` to be `sender@example.com`.

For more information about sending authorization, see the [Amazon SES Developer Guide](#).

For Raw emails, the `FromEmailAddressIdentityArn` value overrides the `X-SES-SOURCE-ARN` and `X-SES-FROM-ARN` headers specified in raw email message content.

Type: String

Length Constraints: Minimum length of 1.

Required: No

ListManagementOptions

An object used to specify a list or topic to which an email belongs, which will be used when a contact chooses to unsubscribe.

Type: [ListManagementOptions](#) object

Required: No

ReplyToAddresses

The "Reply-to" email addresses for the message. When the recipient replies to the message, each Reply-to address receives the reply.

Type: Array of strings

Required: No

TenantName

The name of the tenant through which this email will be sent.

Note

The email sending operation will only succeed if all referenced resources (identities, configuration sets, and templates) are associated with this tenant.

Type: String

Length Constraints: Minimum length of 1.

Required: No

Response Syntax

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

```
{  
  "MessageId": "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.

[MessageId](#)

A unique identifier for the message that is generated when the message is accepted.

Note

It's possible for Amazon SES to accept a message without sending it. For example, this can happen when the message that you're trying to send has an attachment that contains a virus, or when you send a templated email that contains invalid personalization content.

Type: String

Errors

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

AccountSuspendedException

The message can't be sent because the account's ability to send email has been permanently restricted.

HTTP Status Code: 400

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

LimitExceededException

There are too many instances of the specified resource type.

HTTP Status Code: 400

MailFromDomainNotVerifiedException

The message can't be sent because the sending domain isn't verified.

HTTP Status Code: 400

MessageRejected

The message can't be sent because it contains invalid content.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

SendingPausedException

The message can't be sent because the account's ability to send email is currently paused.

HTTP Status Code: 400

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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

Add one or more tags (keys and values) to a specified resource. A *tag* is a label that you optionally define and associate with a resource. Tags can help you categorize and manage resources in different ways, such as by purpose, owner, environment, or other criteria. A resource can have as many as 50 tags.

Each tag consists of a required *tag key* and an associated *tag value*, both of which you define. A tag key is a general label that acts as a category for more specific tag values. A tag value acts as a descriptor within a tag key.

Request Syntax

```
POST /v2/email/tags HTTP/1.1
Content-type: application/json
```

```
{
  "ResourceArn": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

ResourceArn

The Amazon Resource Name (ARN) of the resource that you want to add one or more tags to.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

Tags

A list of the tags that you want to add to the resource. A tag consists of a required tag key (Key) and an associated tag value (Value). The maximum length of a tag key is 128 characters. The maximum length of a tag value is 256 characters.

Type: Array of [Tag](#) objects

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

TestRenderEmailTemplate

Creates a preview of the MIME content of an email when provided with a template and a set of replacement data.

You can execute this operation no more than once per second.

Request Syntax

```
POST /v2/email/templates/TemplateName/render HTTP/1.1
Content-type: application/json

{
  "TemplateData": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

TemplateName

The name of the template.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request accepts the following data in JSON format.

TemplateData

A list of replacement values to apply to the template. This parameter is a JSON object, typically consisting of key-value pairs in which the keys correspond to replacement tags in the email template.

Type: String

Length Constraints: Maximum length of 262144.

Required: Yes

Response Syntax

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

{
  "RenderedTemplate": "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.

[RenderedTemplate](#)

The complete MIME message rendered by applying the data in the `TemplateData` parameter to the template specified in the `TemplateName` parameter.

Type: String

Errors

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

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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

Remove one or more tags (keys and values) from a specified resource.

Request Syntax

```
DELETE /v2/email/tags?ResourceArn=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 that you want to remove one or more tags from.

Length Constraints: Minimum length of 1.

Required: Yes

TagKeys

The tags (tag keys) that you want to remove from the resource. When you specify a tag key, the action removes both that key and its associated tag value.

To remove more than one tag from the resource, append the TagKeys parameter and argument for each additional tag to remove, separated by an ampersand. For example: `/v2/email/tags?ResourceArn=ResourceArn&TagKeys=Key1&TagKeys=Key2`

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

UpdateConfigurationSetEventDestination

Update the configuration of an event destination for a configuration set.

Events include message sends, deliveries, opens, clicks, bounces, and complaints. *Event destinations* are places that you can send information about these events to. For example, you can send event data to Amazon EventBridge and associate a rule to send the event to the specified target.

Request Syntax

```
PUT /v2/email/configuration-sets/ConfigurationSetName/event-destinations/EventDestinationName HTTP/1.1
Content-type: application/json
```

```
{
  "EventDestination": {
    "CloudWatchDestination": {
      "DimensionConfigurations": [
        {
          "DefaultDimensionValue": "string",
          "DimensionName": "string",
          "DimensionValueSource": "string"
        }
      ]
    },
    "Enabled": boolean,
    "EventBridgeDestination": {
      "EventBusArn": "string"
    },
    "KinesisFirehoseDestination": {
      "DeliveryStreamArn": "string",
      "IamRoleArn": "string"
    },
    "MatchingEventTypes": [ "string" ],
    "PinpointDestination": {
      "ApplicationArn": "string"
    },
    "SnsDestination": {
      "TopicArn": "string"
    }
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

[ConfigurationSetName](#)

The name of the configuration set that contains the event destination to modify.

Required: Yes

[EventDestinationName](#)

The name of the event destination.

Required: Yes

Request Body

The request accepts the following data in JSON format.

[EventDestination](#)

An object that defines the event destination.

Type: [EventDestinationDefinition](#) object

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

UpdateContact

Updates a contact's preferences for a list.

Note

You must specify all existing topic preferences in the TopicPreferences object, not just the ones that need updating; otherwise, all your existing preferences will be removed.

Request Syntax

```
PUT /v2/email/contact-lists/ContactListName/contacts/EmailAddress HTTP/1.1
Content-type: application/json
```

```
{
  "AttributesData": "string",
  "TopicPreferences": [
    {
      "SubscriptionStatus": "string",
      "TopicName": "string"
    }
  ],
  "UnsubscribeAll": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

ContactListName

The name of the contact list.

Required: Yes

EmailAddress

The contact's email address.

Required: Yes

Request Body

The request accepts the following data in JSON format.

AttributesData

The attribute data attached to a contact.

Type: String

Required: No

TopicPreferences

The contact's preference for being opted-in to or opted-out of a topic.

Type: Array of [TopicPreference](#) objects

Required: No

UnsubscribeAll

A boolean value status noting if the contact is unsubscribed from all contact list topics.

Type: Boolean

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

UpdateContactList

Updates contact list metadata. This operation does a complete replacement.

Request Syntax

```
PUT /v2/email/contact-lists/ContactListName HTTP/1.1
Content-type: application/json
```

```
{
  "Description": "string",
  "Topics": [
    {
      "DefaultSubscriptionStatus": "string",
      "Description": "string",
      "DisplayName": "string",
      "TopicName": "string"
    }
  ]
}
```

URI Request Parameters

The request uses the following URI parameters.

ContactListName

The name of the contact list.

Required: Yes

Request Body

The request accepts the following data in JSON format.

Description

A description of what the contact list is about.

Type: String

Required: No

Topics

An interest group, theme, or label within a list. A contact list can have multiple topics.

Type: Array of [Topic](#) objects

Required: No

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConcurrentModificationException

The resource is being modified by another operation or thread.

HTTP Status Code: 500

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

UpdateCustomVerificationEmailTemplate

Updates an existing custom verification email template.

For more information about custom verification email templates, see [Using custom verification email templates](#) in the *Amazon SES Developer Guide*.

You can execute this operation no more than once per second.

Request Syntax

```
PUT /v2/email/custom-verification-email-templates/TemplateName HTTP/1.1
Content-type: application/json
```

```
{
  "FailureRedirectionURL": "string",
  "FromEmailAddress": "string",
  "SuccessRedirectionURL": "string",
  "TemplateContent": "string",
  "TemplateSubject": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

[TemplateName](#)

The name of the custom verification email template that you want to update.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request accepts the following data in JSON format.

[FailureRedirectionURL](#)

The URL that the recipient of the verification email is sent to if his or her address is not successfully verified.

Type: String

Required: Yes

FromEmailAddress

The email address that the custom verification email is sent from.

Type: String

Required: Yes

SuccessRedirectionURL

The URL that the recipient of the verification email is sent to if his or her address is successfully verified.

Type: String

Required: Yes

TemplateContent

The content of the custom verification email. The total size of the email must be less than 10 MB. The message body may contain HTML, with some limitations. For more information, see [Custom verification email frequently asked questions](#) in the *Amazon SES Developer Guide*.

Type: String

Required: Yes

TemplateSubject

The subject line of the custom verification email.

Type: String

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

UpdateEmailIdentityPolicy

Updates the specified sending authorization policy for the given identity (an email address or a domain). This API returns successfully even if a policy with the specified name does not exist.

Note

This API is for the identity owner only. If you have not verified the identity, this API will return an error.

Sending authorization is a feature that enables an identity owner to authorize other senders to use its identities. For information about using sending authorization, see the [Amazon SES Developer Guide](#).

You can execute this operation no more than once per second.

Request Syntax

```
PUT /v2/email/identities/EmailIdentity/policies/PolicyName HTTP/1.1
Content-type: application/json

{
  "Policy": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

EmailIdentity

The email identity.

Length Constraints: Minimum length of 1.

Required: Yes

PolicyName

The name of the policy.

The policy name cannot exceed 64 characters and can only include alphanumeric characters, dashes, and underscores.

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

Required: Yes

Request Body

The request accepts the following data in JSON format.

Policy

The text of the policy in JSON format. The policy cannot exceed 4 KB.

For information about the syntax of sending authorization policies, see the [Amazon SES Developer Guide](#).

Type: String

Length Constraints: Minimum length of 1.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

UpdateEmailTemplate

Updates an email template. Email templates enable you to send personalized email to one or more destinations in a single API operation. For more information, see the [Amazon SES Developer Guide](#).

You can execute this operation no more than once per second.

Request Syntax

```
PUT /v2/email/templates/TemplateName HTTP/1.1
Content-type: application/json

{
  "TemplateContent": {
    "Html": "string",
    "Subject": "string",
    "Text": "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

[TemplateName](#)

The name of the template.

Length Constraints: Minimum length of 1.

Required: Yes

Request Body

The request accepts the following data in JSON format.

[TemplateContent](#)

The content of the email template, composed of a subject line, an HTML part, and a text-only part.

Type: [EmailTemplateContent](#) object

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

NotFoundException

The resource you attempted to access doesn't exist.

HTTP Status Code: 404

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

UpdateReputationEntityCustomerManagedStatus

Update the customer-managed sending status for a reputation entity. This allows you to enable, disable, or reinstate sending for the entity.

The customer-managed status works in conjunction with the AWS Amazon SES-managed status to determine the overall sending capability. When you update the customer-managed status, the AWS Amazon SES-managed status remains unchanged. If AWS Amazon SES has disabled the entity, it will not be allowed to send regardless of the customer-managed status setting. When you reinstate an entity through the customer-managed status, it can continue sending only if the AWS Amazon SES-managed status also permits sending, even if there are active reputation findings, until the findings are resolved or new violations occur.

Request Syntax

```
PUT /v2/email/reputation/entities/ReputationEntityType/ReputationEntityReference/
customer-managed-status HTTP/1.1
Content-type: application/json

{
  "SendingStatus": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

ReputationEntityReference

The unique identifier for the reputation entity. For resource-type entities, this is the Amazon Resource Name (ARN) of the resource.

Length Constraints: Minimum length of 1.

Required: Yes

ReputationEntityType

The type of reputation entity. Currently, only RESOURCE type entities are supported.

Valid Values: RESOURCE

Required: Yes

Request Body

The request accepts the following data in JSON format.

SendingStatus

The new customer-managed sending status for the reputation entity. This can be one of the following:

- **ENABLED** – Allow sending for this entity.
- **DISABLED** – Prevent sending for this entity.
- **REINSTATED** – Allow sending even if there are active reputation findings.

Type: String

Valid Values: **ENABLED** | **REINSTATED** | **DISABLED**

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConflictException

If there is already an ongoing account details update under review.

HTTP Status Code: 409

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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](#)

UpdateReputationEntityPolicy

Update the reputation management policy for a reputation entity. The policy determines how the entity responds to reputation findings, such as automatically pausing sending when certain thresholds are exceeded.

Reputation management policies are AWS Amazon SES-managed (predefined policies). You can select from none, standard, and strict policies.

Request Syntax

```
PUT /v2/email/reputation/entities/ReputationEntityType/ReputationEntityReference/policy
HTTP/1.1
Content-type: application/json

{
  "ReputationEntityPolicy": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

ReputationEntityReference

The unique identifier for the reputation entity. For resource-type entities, this is the Amazon Resource Name (ARN) of the resource.

Length Constraints: Minimum length of 1.

Required: Yes

ReputationEntityType

The type of reputation entity. Currently, only RESOURCE type entities are supported.

Valid Values: RESOURCE

Required: Yes

Request Body

The request accepts the following data in JSON format.

ReputationEntityPolicy

The Amazon Resource Name (ARN) of the reputation management policy to apply to this entity. This is an AWS Amazon SES-managed policy.

Type: String

Length Constraints: Minimum length of 1.

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](#).

BadRequestException

The input you provided is invalid.

HTTP Status Code: 400

ConflictException

If there is already an ongoing account details update under review.

HTTP Status Code: 409

TooManyRequestsException

Too many requests have been made to the operation.

HTTP Status Code: 429

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 Simple Email Service 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:

- [AccountDetails](#)
- [ArchivingOptions](#)
- [Attachment](#)
- [BatchGetMetricDataQuery](#)
- [BlacklistEntry](#)
- [Body](#)
- [Bounce](#)
- [BulkEmailContent](#)
- [BulkEmailEntry](#)
- [BulkEmailEntryResult](#)
- [CloudWatchDestination](#)
- [CloudWatchDimensionConfiguration](#)
- [Complaint](#)
- [Contact](#)
- [ContactList](#)
- [ContactListDestination](#)
- [Content](#)
- [CustomVerificationEmailTemplateMetadata](#)
- [DailyVolume](#)
- [DashboardAttributes](#)

- [DashboardOptions](#)
- [DedicatedIp](#)
- [DedicatedIpPool](#)
- [DeliverabilityTestReport](#)
- [DeliveryOptions](#)
- [Destination](#)
- [Details](#)
- [DkimAttributes](#)
- [DkimSigningAttributes](#)
- [DomainDeliverabilityCampaign](#)
- [DomainDeliverabilityTrackingOption](#)
- [DomainIspPlacement](#)
- [EmailAddressInsightsMailboxEvaluations](#)
- [EmailAddressInsightsVerdict](#)
- [EmailContent](#)
- [EmailInsights](#)
- [EmailTemplateContent](#)
- [EmailTemplateMetadata](#)
- [EventBridgeDestination](#)
- [EventDestination](#)
- [EventDestinationDefinition](#)
- [EventDetails](#)
- [ExportDataSource](#)
- [ExportDestination](#)
- [ExportJobSummary](#)
- [ExportMetric](#)
- [ExportStatistics](#)
- [FailureInfo](#)
- [GuardianAttributes](#)
- [GuardianOptions](#)

- [IdentityInfo](#)
- [ImportDataSource](#)
- [ImportDestination](#)
- [ImportJobSummary](#)
- [InboxPlacementTrackingOption](#)
- [InsightsEvent](#)
- [IspPlacement](#)
- [KinesisFirehoseDestination](#)
- [ListContactsFilter](#)
- [ListManagementOptions](#)
- [MailboxValidation](#)
- [MailFromAttributes](#)
- [Message](#)
- [MessageHeader](#)
- [MessageInsightsDataSource](#)
- [MessageInsightsFilters](#)
- [MessageTag](#)
- [MetricDataError](#)
- [MetricDataResult](#)
- [MetricsDataSource](#)
- [MultiRegionEndpoint](#)
- [OverallVolume](#)
- [PinpointDestination](#)
- [PlacementStatistics](#)
- [RawMessage](#)
- [Recommendation](#)
- [ReplacementEmailContent](#)
- [ReplacementTemplate](#)
- [ReputationEntity](#)
- [ReputationOptions](#)

- [ResourceTenantMetadata](#)
- [ReviewDetails](#)
- [Route](#)
- [RouteDetails](#)
- [SendingOptions](#)
- [SendQuota](#)
- [SnsDestination](#)
- [SOARecord](#)
- [StatusRecord](#)
- [SuppressedDestination](#)
- [SuppressedDestinationAttributes](#)
- [SuppressedDestinationSummary](#)
- [SuppressionAttributes](#)
- [SuppressionConditionThreshold](#)
- [SuppressionConfidenceThreshold](#)
- [SuppressionListDestination](#)
- [SuppressionOptions](#)
- [SuppressionValidationAttributes](#)
- [SuppressionValidationOptions](#)
- [Tag](#)
- [Template](#)
- [Tenant](#)
- [TenantInfo](#)
- [TenantResource](#)
- [TenantSuppressionAttributes](#)
- [Topic](#)
- [TopicFilter](#)
- [TopicPreference](#)
- [TrackingOptions](#)
- [VdmAttributes](#)

- [VdmOptions](#)
- [VerificationInfo](#)
- [VolumeStatistics](#)

AccountDetails

An object that contains information about your account details.

Contents

AdditionalContactEmailAddresses

Additional email addresses where updates are sent about your account review process.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 4 items.

Length Constraints: Minimum length of 6. Maximum length of 254.

Pattern: `^(.+ )@(.+ )$`

Required: No

ContactLanguage

The language you would prefer for the case. The contact language can be one of ENGLISH or JAPANESE.

Type: String

Valid Values: EN | JA

Required: No

MailType

The type of email your account is sending. The mail type can be one of the following:

- **MARKETING** – Most of your sending traffic is to keep your customers informed of your latest offering.
- **TRANSACTIONAL** – Most of your sending traffic is to communicate during a transaction with a customer.

Type: String

Valid Values: **MARKETING** | **TRANSACTIONAL**

Required: No

ReviewDetails

Information about the review of the latest details you submitted.

Type: [ReviewDetails](#) object

Required: No

UseCaseDescription

This member has been deprecated.

A description of the types of email that you plan to send.

Type: String

Length Constraints: Maximum length of 5000.

Required: No

WebsiteURL

The URL of your website. This information helps us better understand the type of content that you plan to send.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1000.

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](#)

ArchivingOptions

Used to associate a configuration set with a MailManager archive.

Contents

ArchiveArn

The Amazon Resource Name (ARN) of the MailManager archive where the Amazon SES API v2 will archive sent emails.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 1011.

Pattern: `arn:(aws|aws-[a-z-]+):ses:[a-z]{2,4}-[a-z-]+-[0-9]:[0-9]{1,20}:mailmanager-archive/a-[a-z0-9]{24,62}`

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](#)

Attachment

Contains metadata and attachment raw content.

Contents

FileName

The file name for the attachment as it will appear in the email. Amazon SES restricts certain file extensions. To ensure attachments are accepted, check the [Unsupported attachment types](#) in the Amazon SES Developer Guide.

Type: String

Length Constraints: Maximum length of 255.

Required: Yes

RawContent

The raw data of the attachment. It needs to be base64-encoded if you are accessing Amazon SES directly through the HTTPS interface. If you are accessing Amazon SES using an AWS SDK, the SDK takes care of the base 64-encoding for you.

Type: Base64-encoded binary data object

Required: Yes

ContentDescription

A brief description of the attachment content.

Type: String

Length Constraints: Maximum length of 1000.

Required: No

ContentDisposition

A standard descriptor indicating how the attachment should be rendered in the email.
Supported values: ATTACHMENT or INLINE.

Type: String

Valid Values: ATTACHMENT | INLINE

Required: No

ContentId

Unique identifier for the attachment, used for referencing attachments with INLINE disposition in HTML content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 78.

Required: No

ContentTransferEncoding

Specifies how the attachment is encoded. Supported values: BASE64, QUOTED_PRINTABLE, SEVEN_BIT.

Type: String

Valid Values: BASE64 | QUOTED_PRINTABLE | SEVEN_BIT

Required: No

ContentType

The MIME type of the attachment.

Note

Example: application/pdf, image/jpeg

Type: String

Length Constraints: Minimum length of 1. Maximum length of 78.

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](#)

BatchGetMetricDataQuery

Represents a single metric data query to include in a batch.

Contents

EndDate

Represents the end date for the query interval.

Type: Timestamp

Required: Yes

Id

The query identifier.

Type: String

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

Required: Yes

Metric

The queried metric. This can be one of the following:

- **SEND** – Emails sent eligible for tracking in the VDM dashboard. This excludes emails sent to the mailbox simulator and emails addressed to more than one recipient.
- **COMPLAINT** – Complaints received for your account. This excludes complaints from the mailbox simulator, those originating from your account-level suppression list (if enabled), and those for emails addressed to more than one recipient
- **PERMANENT_BOUNCE** – Permanent bounces - i.e. feedback received for emails sent to non-existent mailboxes. Excludes bounces from the mailbox simulator, those originating from your account-level suppression list (if enabled), and those for emails addressed to more than one recipient.
- **TRANSIENT_BOUNCE** – Transient bounces - i.e. feedback received for delivery failures excluding issues with non-existent mailboxes. Excludes bounces from the mailbox simulator, and those for emails addressed to more than one recipient.

- **OPEN** – Unique open events for emails including open trackers. Excludes opens for emails addressed to more than one recipient.
- **CLICK** – Unique click events for emails including wrapped links. Excludes clicks for emails addressed to more than one recipient.
- **DELIVERY** – Successful deliveries for email sending attempts. Excludes deliveries to the mailbox simulator and for emails addressed to more than one recipient.
- **DELIVERY_OPEN** – Successful deliveries for email sending attempts. Excludes deliveries to the mailbox simulator, for emails addressed to more than one recipient, and emails without open trackers.
- **DELIVERY_CLICK** – Successful deliveries for email sending attempts. Excludes deliveries to the mailbox simulator, for emails addressed to more than one recipient, and emails without click trackers.
- **DELIVERY_COMPLAINT** – Successful deliveries for email sending attempts. Excludes deliveries to the mailbox simulator, for emails addressed to more than one recipient, and emails addressed to recipients hosted by ISPs with which Amazon SES does not have a feedback loop agreement.

Type: String

Valid Values: SEND | COMPLAINT | PERMANENT_BOUNCE | TRANSIENT_BOUNCE | OPEN | CLICK | DELIVERY | DELIVERY_OPEN | DELIVERY_CLICK | DELIVERY_COMPLAINT

Required: Yes

Namespace

The query namespace - e.g. VDM

Type: String

Valid Values: VDM

Required: Yes

StartDate

Represents the start date for the query interval.

Type: Timestamp

Required: Yes

Dimensions

An object that contains mapping between `MetricDimensionName` and `MetricDimensionValue` to filter metrics by.

Type: String to string map

Map Entries: Maximum number of 3 items.

Valid Keys: EMAIL_IDENTITY | CONFIGURATION_SET | ISP

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](#)

BlacklistEntry

An object that contains information about a blacklisting event that impacts one of the dedicated IP addresses that is associated with your account.

Contents

Description

Additional information about the blacklisting event, as provided by the blacklist maintainer.

Type: String

Required: No

ListingTime

The time when the blacklisting event occurred.

Type: Timestamp

Required: No

RblName

The name of the blacklist that the IP address appears on.

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](#)

Body

Represents the body of the email message.

Contents

Html

An object that represents the version of the message that is displayed in email clients that support HTML. HTML messages can include formatted text, hyperlinks, images, and more.

Type: [Content](#) object

Required: No

Text

An object that represents the version of the message that is displayed in email clients that don't support HTML, or clients where the recipient has disabled HTML rendering.

Type: [Content](#) 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](#)

Bounce

Information about a Bounce event.

Contents

BounceSubType

The subtype of the bounce, as determined by SES.

Type: String

Required: No

BounceType

The type of the bounce, as determined by SES. Can be one of UNDETERMINED, TRANSIENT, or PERMANENT

Type: String

Valid Values: UNDETERMINED | TRANSIENT | PERMANENT

Required: No

DiagnosticCode

The status code issued by the reporting Message Transfer Authority (MTA). This field only appears if a delivery status notification (DSN) was attached to the bounce and the Diagnostic-Code was provided in the DSN.

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](#)

BulkEmailContent

An object that contains the body of the message. You can specify a template message.

Contents

Template

The template to use for the bulk email message.

Type: [Template](#) 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](#)

BulkEmailEntry

Contents

Destination

Represents the destination of the message, consisting of To:, CC:, and BCC: fields.

Note

Amazon SES does not support the SMTPUTF8 extension, as described in [RFC6531](#). For this reason, the local part of a destination email address (the part of the email address that precedes the @ sign) may only contain [7-bit ASCII characters](#). If the domain part of an address (the part after the @ sign) contains non-ASCII characters, they must be encoded using Punycode, as described in [RFC3492](#).

Type: [Destination](#) object

Required: Yes

ReplacementEmailContent

The ReplacementEmailContent associated with a BulkEmailEntry.

Type: [ReplacementEmailContent](#) object

Required: No

ReplacementHeaders

The list of message headers associated with the BulkEmailEntry data type.

- Headers Not Present in BulkEmailEntry: If a header is specified in [Template](#) but not in BulkEmailEntry, the header from Template will be added to the outgoing email.
- Headers Present in BulkEmailEntry: If a header is specified in BulkEmailEntry, it takes precedence over any header of the same name specified in [Template](#):
 - If the header is also defined within Template, the value from BulkEmailEntry will replace the header's value in the email.
 - If the header is not defined within Template, it will simply be added to the email as specified in BulkEmailEntry.

Type: Array of [MessageHeader](#) objects

Array Members: Minimum number of 0 items. Maximum number of 15 items.

Required: No

ReplacementTags

A list of tags, in the form of name/value pairs, to apply to an email that you send using the `SendBulkTemplatedEmail` operation. Tags correspond to characteristics of the email that you define, so that you can publish email sending events.

Type: Array of [MessageTag](#) 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](#)

BulkEmailEntryResult

The result of the `SendBulkEmail` operation of each specified `BulkEmailEntry`.

Contents

Error

A description of an error that prevented a message being sent using the `SendBulkTemplatedEmail` operation.

Type: String

Required: No

MessageId

The unique message identifier returned from the `SendBulkTemplatedEmail` operation.

Type: String

Required: No

Status

The status of a message sent using the `SendBulkTemplatedEmail` operation.

Possible values for this parameter include:

- **SUCCESS**: Amazon SES accepted the message, and will attempt to deliver it to the recipients.
- **MESSAGE_REJECTED**: The message was rejected because it contained a virus.
- **MAIL_FROM_DOMAIN_NOT_VERIFIED**: The sender's email address or domain was not verified.
- **CONFIGURATION_SET_DOES_NOT_EXIST**: The configuration set you specified does not exist.
- **TEMPLATE_DOES_NOT_EXIST**: The template you specified does not exist.
- **ACCOUNT_SUSPENDED**: Your account has been shut down because of issues related to your email sending practices.
- **ACCOUNT_THROTTLED**: The number of emails you can send has been reduced because your account has exceeded its allocated sending limit.
- **ACCOUNT_DAILY_QUOTA_EXCEEDED**: You have reached or exceeded the maximum number of emails you can send from your account in a 24-hour period.

- **INVALID_SENDING_POOL_NAME:** The configuration set you specified refers to an IP pool that does not exist.
- **ACCOUNT_SENDING_PAUSED:** Email sending for the Amazon SES account was disabled using the [UpdateAccountSendingEnabled](#) operation.
- **CONFIGURATION_SET_SENDING_PAUSED:** Email sending for this configuration set was disabled using the [UpdateConfigurationSetSendingEnabled](#) operation.
- **INVALID_PARAMETER_VALUE:** One or more of the parameters you specified when calling this operation was invalid. See the error message for additional information.
- **TRANSIENT_FAILURE:** Amazon SES was unable to process your request because of a temporary issue.
- **FAILED:** Amazon SES was unable to process your request. See the error message for additional information.

Type: String

Valid Values: SUCCESS | MESSAGE_REJECTED | MAIL_FROM_DOMAIN_NOT_VERIFIED
| CONFIGURATION_SET_NOT_FOUND | TEMPLATE_NOT_FOUND |
ACCOUNT_SUSPENDED | ACCOUNT_THROTTLED | ACCOUNT_DAILY_QUOTA_EXCEEDED
| INVALID_SENDING_POOL_NAME | ACCOUNT_SENDING_PAUSED |
CONFIGURATION_SET_SENDING_PAUSED | INVALID_PARAMETER | TRANSIENT_FAILURE
| FAILED

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](#)

CloudWatchDestination

An object that defines an Amazon CloudWatch destination for email events. You can use Amazon CloudWatch to monitor and gain insights on your email sending metrics.

Contents

DimensionConfigurations

An array of objects that define the dimensions to use when you send email events to Amazon CloudWatch.

Type: Array of [CloudWatchDimensionConfiguration](#) 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](#)

CloudWatchDimensionConfiguration

An object that defines the dimension configuration to use when you send email events to Amazon CloudWatch.

Contents

DefaultDimensionValue

The default value of the dimension that is published to Amazon CloudWatch if you don't provide the value of the dimension when you send an email. This value has to meet the following criteria:

- Can only contain ASCII letters (a–z, A–Z), numbers (0–9), underscores (_), or dashes (-), at signs (@), and periods (.).
- It can contain no more than 255 characters.

Type: String

Required: Yes

DimensionName

The name of an Amazon CloudWatch dimension associated with an email sending metric. The name has to meet the following criteria:

- It can only contain ASCII letters (a–z, A–Z), numbers (0–9), underscores (_), or dashes (-).
- It can contain no more than 255 characters.

Type: String

Required: Yes

DimensionValueSource

The location where the Amazon SES API v2 finds the value of a dimension to publish to Amazon CloudWatch. To use the message tags that you specify using an X-SES-MESSAGE-TAGS header or a parameter to the `SendEmail` or `SendRawEmail` API, choose `messageTag`. To use your own email headers, choose `emailHeader`. To use link tags, choose `linkTags`.

Type: String

Valid Values: MESSAGE_TAG | EMAIL_HEADER | LINK_TAG

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](#)

Complaint

Information about a Complaint event.

Contents

ComplaintFeedbackType

The value of the Feedback-Type field from the feedback report received from the ISP.

Type: String

Required: No

ComplaintSubType

Can either be null or OnAccountSuppressionList. If the value is OnAccountSuppressionList, SES accepted the message, but didn't attempt to send it because it was on the account-level suppression list.

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](#)

Contact

A contact is the end-user who is receiving the email.

Contents

EmailAddress

The contact's email address.

Type: String

Required: No

LastUpdatedTimestamp

A timestamp noting the last time the contact's information was updated.

Type: Timestamp

Required: No

TopicDefaultPreferences

The default topic preferences applied to the contact.

Type: Array of [TopicPreference](#) objects

Required: No

TopicPreferences

The contact's preference for being opted-in to or opted-out of a topic.

Type: Array of [TopicPreference](#) objects

Required: No

UnsubscribeAll

A boolean value status noting if the contact is unsubscribed from all contact list topics.

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](#)

ContactList

A list that contains contacts that have subscribed to a particular topic or topics.

Contents

ContactListName

The name of the contact list.

Type: String

Required: No

LastUpdatedTimestamp

A timestamp noting the last time the contact list was updated.

Type: Timestamp

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](#)

ContactListDestination

An object that contains details about the action of a contact list.

Contents

ContactListImportAction

>The type of action to perform on the addresses. The following are the possible values:

- PUT: add the addresses to the contact list. If the record already exists, it will override it with the new value.
- DELETE: remove the addresses from the contact list.

Type: String

Valid Values: DELETE | PUT

Required: Yes

ContactListName

The name of the contact list.

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](#)

Content

An object that represents the content of the email, and optionally a character set specification.

Contents

Data

The content of the message itself.

Type: String

Required: Yes

Charset

The character set for the content. Because of the constraints of the SMTP protocol, Amazon SES uses 7-bit ASCII by default. If the text includes characters outside of the ASCII range, you have to specify a character set. For example, you could specify UTF-8, ISO-8859-1, or Shift_JIS.

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](#)

CustomVerificationEmailTemplateMetadata

Contains information about a custom verification email template.

Contents

FailureRedirectionURL

The URL that the recipient of the verification email is sent to if his or her address is not successfully verified.

Type: String

Required: No

FromEmailAddress

The email address that the custom verification email is sent from.

Type: String

Required: No

SuccessRedirectionURL

The URL that the recipient of the verification email is sent to if his or her address is successfully verified.

Type: String

Required: No

TemplateName

The name of the custom verification email template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

TemplateSubject

The subject line of the custom verification email.

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](#)

DailyVolume

An object that contains information about the volume of email sent on each day of the analysis period.

Contents

DomainIspPlacements

An object that contains inbox placement metrics for a specified day in the analysis period, broken out by the recipient's email provider.

Type: Array of [DomainIspPlacement](#) objects

Required: No

StartDate

The date that the DailyVolume metrics apply to, in Unix time.

Type: Timestamp

Required: No

VolumeStatistics

An object that contains inbox placement metrics for a specific day in the analysis period.

Type: [VolumeStatistics](#) 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](#)

DashboardAttributes

An object containing additional settings for your VDM configuration as applicable to the Dashboard.

Contents

EngagementMetrics

Specifies the status of your VDM engagement metrics collection. Can be one of the following:

- **ENABLED** – Amazon SES enables engagement metrics for your account.
- **DISABLED** – Amazon SES disables engagement metrics for your account.

Type: String

Valid Values: **ENABLED** | **DISABLED**

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](#)

DashboardOptions

An object containing additional settings for your VDM configuration as applicable to the Dashboard.

Contents

EngagementMetrics

Specifies the status of your VDM engagement metrics collection. Can be one of the following:

- **ENABLED** – Amazon SES enables engagement metrics for the configuration set.
- **DISABLED** – Amazon SES disables engagement metrics for the configuration set.

Type: String

Valid Values: **ENABLED** | **DISABLED**

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](#)

DedicatedIp

Contains information about a dedicated IP address that is associated with your Amazon SES account.

To learn more about requesting dedicated IP addresses, see [Requesting and Relinquishing Dedicated IP Addresses](#) in the *Amazon SES Developer Guide*.

Contents

Ip

An IPv4 address.

Type: String

Required: Yes

WarmupPercentage

Indicates the progress of your dedicated IP warm-up:

- 0-100 – For standard dedicated IP addresses, this shows the warm-up completion percentage. A value of 100 means the IP address is fully warmed up and ready for use.
- -1 – Appears for IP addresses in managed dedicated pools where Amazon SES automatically handles the warm-up process, making the percentage not applicable.

Type: Integer

Required: Yes

WarmupStatus

The warm-up status of a dedicated IP address. The status can have one of the following values:

- IN_PROGRESS – The IP address isn't ready to use because the dedicated IP warm-up process is ongoing.
- DONE – The dedicated IP warm-up process is complete, and the IP address is ready to use.
- NOT_APPLICABLE – The warm-up status doesn't apply to this IP address. This status is used for IP addresses in managed dedicated IP pools, where Amazon SES automatically handles the warm-up process.

Type: String

Valid Values: IN_PROGRESS | DONE | NOT_APPLICABLE

Required: Yes

PoolName

The name of the dedicated IP pool that the IP address is associated with.

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](#)

DedicatedIpPool

Contains information about a dedicated IP pool.

Contents

PoolName

The name of the dedicated IP pool.

Type: String

Required: Yes

ScalingMode

The type of the dedicated IP pool.

- STANDARD – A dedicated IP pool where you can control which IPs are part of the pool.
- MANAGED – A dedicated IP pool where the reputation and number of IPs are automatically managed by Amazon SES.

Type: String

Valid Values: STANDARD | MANAGED

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](#)

DeliverabilityTestReport

An object that contains metadata related to a predictive inbox placement test.

Contents

CreateDate

The date and time when the predictive inbox placement test was created.

Type: Timestamp

Required: No

DeliverabilityTestStatus

The status of the predictive inbox placement test. If the status is `IN_PROGRESS`, then the predictive inbox placement test is currently running. Predictive inbox placement tests are usually complete within 24 hours of creating the test. If the status is `COMPLETE`, then the test is finished, and you can use the `GetDeliverabilityTestReport` to view the results of the test.

Type: String

Valid Values: `IN_PROGRESS` | `COMPLETED`

Required: No

FromEmailAddress

The sender address that you specified for the predictive inbox placement test.

Type: String

Required: No

ReportId

A unique string that identifies the predictive inbox placement test.

Type: String

Required: No

ReportName

A name that helps you identify a predictive inbox placement test report.

Type: String

Required: No

Subject

The subject line for an email that you submitted in a predictive inbox placement test.

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](#)

DeliveryOptions

Used to associate a configuration set with a dedicated IP pool.

Contents

MaxDeliverySeconds

The maximum amount of time, in seconds, that Amazon SES API v2 will attempt delivery of email. If specified, the value must greater than or equal to 300 seconds (5 minutes) and less than or equal to 50400 seconds (840 minutes).

Type: Long

Valid Range: Minimum value of 300. Maximum value of 50400.

Required: No

SendingPoolName

The name of the dedicated IP pool to associate with the configuration set.

Type: String

Required: No

TlsPolicy

Specifies whether messages that use the configuration set are required to use Transport Layer Security (TLS). If the value is `Require`, messages are only delivered if a TLS connection can be established. If the value is `Optional`, messages can be delivered in plain text if a TLS connection can't be established.

Type: String

Valid Values: `REQUIRE` | `OPTIONAL`

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](#)

Destination

An object that describes the recipients for an email.

Note

Amazon SES does not support the SMTPUTF8 extension, as described in [RFC6531](#). For this reason, the *local part* of a destination email address (the part of the email address that precedes the @ sign) may only contain [7-bit ASCII characters](#). If the *domain part* of an address (the part after the @ sign) contains non-ASCII characters, they must be encoded using Punycode, as described in [RFC3492](#).

Contents

BccAddresses

An array that contains the email addresses of the "BCC" (blind carbon copy) recipients for the email.

Type: Array of strings

Required: No

CcAddresses

An array that contains the email addresses of the "CC" (carbon copy) recipients for the email.

Type: Array of strings

Required: No

ToAddresses

An array that contains the email addresses of the "To" recipients for the email.

Type: Array of strings

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](#)

Details

An object that contains configuration details of multi-region endpoint (global-endpoint).

Contents

RoutesDetails

A list of route configuration details. Must contain exactly one route configuration.

Type: Array of [RouteDetails](#) 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](#)

DkimAttributes

An object that contains information about the DKIM authentication status for an email identity.

Amazon SES determines the authentication status by searching for specific records in the DNS configuration for the domain. If you used [Easy DKIM](#) to set up DKIM authentication, Amazon SES tries to find three unique CNAME records in the DNS configuration for your domain. If you provided a public key to perform DKIM authentication, Amazon SES tries to find a TXT record that uses the selector that you specified. The value of the TXT record must be a public key that's paired with the private key that you specified in the process of creating the identity

Contents

CurrentSigningKeyLength

[Easy DKIM] The key length of the DKIM key pair in use.

Type: String

Valid Values: RSA_1024_BIT | RSA_2048_BIT

Required: No

LastKeyGenerationTimestamp

[Easy DKIM] The last time a key pair was generated for this identity.

Type: Timestamp

Required: No

NextSigningKeyLength

[Easy DKIM] The key length of the future DKIM key pair to be generated. This can be changed at most once per day.

Type: String

Valid Values: RSA_1024_BIT | RSA_2048_BIT

Required: No

SigningAttributesOrigin

A string that indicates how DKIM was configured for the identity. These are the possible values:

- **AWS_SES** – Indicates that DKIM was configured for the identity by using [Easy DKIM](#).
- **EXTERNAL** – Indicates that DKIM was configured for the identity by using Bring Your Own DKIM (BYODKIM).
- **AWS_SES_AF_SOUTH_1** – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Africa (Cape Town) region using Deterministic Easy-DKIM (DEED).
- **AWS_SES_EU_NORTH_1** – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Europe (Stockholm) region using Deterministic Easy-DKIM (DEED).
- **AWS_SES_AP_SOUTH_1** – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Asia Pacific (Mumbai) region using Deterministic Easy-DKIM (DEED).
- **AWS_SES_AP_SOUTH_2** – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Asia Pacific (Hyderabad) region using Deterministic Easy-DKIM (DEED).
- **AWS_SES_EU_WEST_3** – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Europe (Paris) region using Deterministic Easy-DKIM (DEED).
- **AWS_SES_EU_WEST_2** – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Europe (London) region using Deterministic Easy-DKIM (DEED).
- **AWS_SES_EU_SOUTH_1** – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Europe (Milan) region using Deterministic Easy-DKIM (DEED).
- **AWS_SES_EU_WEST_1** – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Europe (Ireland) region using Deterministic Easy-DKIM (DEED).
- **AWS_SES_AP_NORTHEAST_3** – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Asia Pacific (Osaka) region using Deterministic Easy-DKIM (DEED).
- **AWS_SES_AP_NORTHEAST_2** – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Asia Pacific (Seoul) region using Deterministic Easy-DKIM (DEED).

- `AWS_SES_ME_CENTRAL_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Middle East (UAE) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_ME_SOUTH_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Middle East (Bahrain) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_NORTHEAST_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Asia Pacific (Tokyo) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_IL_CENTRAL_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Israel (Tel Aviv) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_SA_EAST_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in South America (São Paulo) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_CA_CENTRAL_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Canada (Central) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_CA_WEST_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Canada (Calgary) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_SOUTHEAST_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Asia Pacific (Singapore) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_SOUTHEAST_2` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Asia Pacific (Sydney) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_SOUTHEAST_3` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Asia Pacific (Jakarta) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_SOUTHEAST_5` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Asia Pacific (Malaysia) region using Deterministic Easy-DKIM (DEED).

- `AWS_SES_EU_CENTRAL_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Europe (Frankfurt) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_EU_CENTRAL_2` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in Europe (Zurich) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_US_EAST_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in US East (N. Virginia) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_US_EAST_2` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in US East (Ohio) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_US_WEST_1` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in US West (N. California) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_US_WEST_2` – Indicates that DKIM was configured for the identity by replicating signing attributes from a parent identity in US West (Oregon) region using Deterministic Easy-DKIM (DEED).

Type: String

Valid Values: `AWS_SES` | `EXTERNAL` | `AWS_SES_AF_SOUTH_1` | `AWS_SES_EU_NORTH_1` | `AWS_SES_AP_SOUTH_1` | `AWS_SES_EU_WEST_3` | `AWS_SES_EU_WEST_2` | `AWS_SES_EU_SOUTH_1` | `AWS_SES_EU_WEST_1` | `AWS_SES_AP_NORTHEAST_3` | `AWS_SES_AP_NORTHEAST_2` | `AWS_SES_ME_SOUTH_1` | `AWS_SES_AP_NORTHEAST_1` | `AWS_SES_IL_CENTRAL_1` | `AWS_SES_SA_EAST_1` | `AWS_SES_CA_CENTRAL_1` | `AWS_SES_AP_SOUTHEAST_1` | `AWS_SES_AP_SOUTHEAST_2` | `AWS_SES_AP_SOUTHEAST_3` | `AWS_SES_EU_CENTRAL_1` | `AWS_SES_US_EAST_1` | `AWS_SES_US_EAST_2` | `AWS_SES_US_WEST_1` | `AWS_SES_US_WEST_2` | `AWS_SES_ME_CENTRAL_1` | `AWS_SES_AP_SOUTH_2` | `AWS_SES_EU_CENTRAL_2` | `AWS_SES_AP_SOUTHEAST_5` | `AWS_SES_CA_WEST_1`

Required: No

SigningEnabled

If the value is `true`, then the messages that you send from the identity are signed using DKIM. If the value is `false`, then the messages that you send from the identity aren't DKIM-signed.

Type: Boolean

Required: No

SigningHostedZone

The hosted zone where Amazon SES publishes the DKIM public key TXT records for this email identity. This value indicates the DNS zone that customers must reference when configuring their CNAME records for DKIM authentication.

When configuring DKIM for your domain, create CNAME records in your DNS that point to the selectors in this hosted zone. For example:

```
selector1._domainkey.yourdomain.com CNAME selector1.<SigningHostedZone>
```

```
selector2._domainkey.yourdomain.com CNAME selector2.<SigningHostedZone>
```

```
selector3._domainkey.yourdomain.com CNAME selector3.<SigningHostedZone>
```

Type: String

Required: No

Status

Describes whether or not Amazon SES has successfully located the DKIM records in the DNS records for the domain. The status can be one of the following:

- **PENDING** – The verification process was initiated, but Amazon SES hasn't yet detected the DKIM records in the DNS configuration for the domain.
- **SUCCESS** – The verification process completed successfully.
- **FAILED** – The verification process failed. This typically occurs when Amazon SES fails to find the DKIM records in the DNS configuration of the domain.
- **TEMPORARY_FAILURE** – A temporary issue is preventing Amazon SES from determining the DKIM authentication status of the domain.
- **NOT_STARTED** – The DKIM verification process hasn't been initiated for the domain.

Type: String

Valid Values: PENDING | SUCCESS | FAILED | TEMPORARY_FAILURE | NOT_STARTED

Required: No

Tokens

If you used [Easy DKIM](#) to configure DKIM authentication for the domain, then this object contains a set of unique strings that you use to create a set of CNAME records that you add to the DNS configuration for your domain. When Amazon SES detects these records in the DNS configuration for your domain, the DKIM authentication process is complete.

If you configured DKIM authentication for the domain by providing your own public-private key pair, then this object contains the selector for the public key.

Regardless of the DKIM authentication method you use, Amazon SES searches for the appropriate records in the DNS configuration of the domain for up to 72 hours.

Type: Array of strings

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](#)

DkimSigningAttributes

An object that contains configuration for Bring Your Own DKIM (BYODKIM), or, for Easy DKIM

Contents

DomainSigningAttributesOrigin

The attribute to use for configuring DKIM for the identity depends on the operation:

1. For `PutEmailIdentityDkimSigningAttributes`:

- None of the values are allowed - use the [SigningAttributesOrigin](#) parameter instead

2. For `CreateEmailIdentity` when replicating a parent identity's DKIM configuration:

- Allowed values: All values except `AWS_SES` and `EXTERNAL`
- `AWS_SES` – Configure DKIM for the identity by using Easy DKIM.
- `EXTERNAL` – Configure DKIM for the identity by using Bring Your Own DKIM (BYODKIM).
- `AWS_SES_AF_SOUTH_1` – Configure DKIM for the identity by replicating from a parent identity in Africa (Cape Town) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_EU_NORTH_1` – Configure DKIM for the identity by replicating from a parent identity in Europe (Stockholm) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_SOUTH_1` – Configure DKIM for the identity by replicating from a parent identity in Asia Pacific (Mumbai) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_SOUTH_2` – Configure DKIM for the identity by replicating from a parent identity in Asia Pacific (Hyderabad) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_EU_WEST_3` – Configure DKIM for the identity by replicating from a parent identity in Europe (Paris) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_EU_WEST_2` – Configure DKIM for the identity by replicating from a parent identity in Europe (London) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_EU_SOUTH_1` – Configure DKIM for the identity by replicating from a parent identity in Europe (Milan) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_EU_WEST_1` – Configure DKIM for the identity by replicating from a parent identity in Europe (Ireland) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_NORTHEAST_3` – Configure DKIM for the identity by replicating from a parent identity in Asia Pacific (Osaka) region using Deterministic Easy-DKIM (DEED).

- `AWS_SES_AP_NORTHEAST_2` – Configure DKIM for the identity by replicating from a parent identity in Asia Pacific (Seoul) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_ME_CENTRAL_1` – Configure DKIM for the identity by replicating from a parent identity in Middle East (UAE) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_ME_SOUTH_1` – Configure DKIM for the identity by replicating from a parent identity in Middle East (Bahrain) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_NORTHEAST_1` – Configure DKIM for the identity by replicating from a parent identity in Asia Pacific (Tokyo) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_IL_CENTRAL_1` – Configure DKIM for the identity by replicating from a parent identity in Israel (Tel Aviv) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_SA_EAST_1` – Configure DKIM for the identity by replicating from a parent identity in South America (São Paulo) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_CA_CENTRAL_1` – Configure DKIM for the identity by replicating from a parent identity in Canada (Central) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_CA_WEST_1` – Configure DKIM for the identity by replicating from a parent identity in Canada (Calgary) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_SOUTHEAST_1` – Configure DKIM for the identity by replicating from a parent identity in Asia Pacific (Singapore) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_SOUTHEAST_2` – Configure DKIM for the identity by replicating from a parent identity in Asia Pacific (Sydney) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_SOUTHEAST_3` – Configure DKIM for the identity by replicating from a parent identity in Asia Pacific (Jakarta) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_AP_SOUTHEAST_5` – Configure DKIM for the identity by replicating from a parent identity in Asia Pacific (Malaysia) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_EU_CENTRAL_1` – Configure DKIM for the identity by replicating from a parent identity in Europe (Frankfurt) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_EU_CENTRAL_2` – Configure DKIM for the identity by replicating from a parent identity in Europe (Zurich) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_US_EAST_1` – Configure DKIM for the identity by replicating from a parent identity in US East (N. Virginia) region using Deterministic Easy-DKIM (DEED).
- `AWS_SES_US_EAST_2` – Configure DKIM for the identity by replicating from a parent identity in US East (Ohio) region using Deterministic Easy-DKIM (DEED).

- **AWS_SES_US_WEST_1** – Configure DKIM for the identity by replicating from a parent identity in US West (N. California) region using Deterministic Easy-DKIM (DEED).
- **AWS_SES_US_WEST_2** – Configure DKIM for the identity by replicating from a parent identity in US West (Oregon) region using Deterministic Easy-DKIM (DEED).

Type: String

Valid Values: **AWS_SES** | **EXTERNAL** | **AWS_SES_AF_SOUTH_1** | **AWS_SES_EU_NORTH_1** | **AWS_SES_AP_SOUTH_1** | **AWS_SES_EU_WEST_3** | **AWS_SES_EU_WEST_2** | **AWS_SES_EU_SOUTH_1** | **AWS_SES_EU_WEST_1** | **AWS_SES_AP_NORTHEAST_3** | **AWS_SES_AP_NORTHEAST_2** | **AWS_SES_ME_SOUTH_1** | **AWS_SES_AP_NORTHEAST_1** | **AWS_SES_IL_CENTRAL_1** | **AWS_SES_SA_EAST_1** | **AWS_SES_CA_CENTRAL_1** | **AWS_SES_AP_SOUTHEAST_1** | **AWS_SES_AP_SOUTHEAST_2** | **AWS_SES_AP_SOUTHEAST_3** | **AWS_SES_EU_CENTRAL_1** | **AWS_SES_US_EAST_1** | **AWS_SES_US_EAST_2** | **AWS_SES_US_WEST_1** | **AWS_SES_US_WEST_2** | **AWS_SES_ME_CENTRAL_1** | **AWS_SES_AP_SOUTH_2** | **AWS_SES_EU_CENTRAL_2** | **AWS_SES_AP_SOUTHEAST_5** | **AWS_SES_CA_WEST_1**

Required: No

DomainSigningPrivateKey

[Bring Your Own DKIM] A private key that's used to generate a DKIM signature.

The private key must use 1024 or 2048-bit RSA encryption, and must be encoded using base64 encoding.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20480.

Pattern: `^[a-zA-Z0-9+\\/_]+=\\{0,2\\}$`

Required: No

DomainSigningSelector

[Bring Your Own DKIM] A string that's used to identify a public key in the DNS configuration for a domain.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `^([a-zA-Z0-9]|[a-zA-Z0-9][a-zA-Z0-9\-\]*[a-zA-Z0-9]))$`

Required: No

NextSigningKeyLength

[Easy DKIM] The key length of the future DKIM key pair to be generated. This can be changed at most once per day.

Type: String

Valid Values: `RSA_1024_BIT` | `RSA_2048_BIT`

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](#)

DomainDeliverabilityCampaign

An object that contains the deliverability data for a specific campaign. This data is available for a campaign only if the campaign sent email by using a domain that the Deliverability dashboard is enabled for (PutDeliverabilityDashboardOption operation).

Contents

CampaignId

The unique identifier for the campaign. The Deliverability dashboard automatically generates and assigns this identifier to a campaign.

Type: String

Required: No

DeleteRate

The percentage of email messages that were deleted by recipients, without being opened first. Due to technical limitations, this value only includes recipients who opened the message by using an email client that supports images.

Type: Double

Required: No

Esp

The major email providers who handled the email message.

Type: Array of strings

Required: No

FirstSeenDateTime

The first time when the email message was delivered to any recipient's inbox. This value can help you determine how long it took for a campaign to deliver an email message.

Type: Timestamp

Required: No

FromAddress

The verified email address that the email message was sent from.

Type: String

Length Constraints: Minimum length of 1.

Required: No

ImageUrl

The URL of an image that contains a snapshot of the email message that was sent.

Type: String

Required: No

InboxCount

The number of email messages that were delivered to recipients' inboxes.

Type: Long

Required: No

LastSeenDateTime

The last time when the email message was delivered to any recipient's inbox. This value can help you determine how long it took for a campaign to deliver an email message.

Type: Timestamp

Required: No

ProjectedVolume

The projected number of recipients that the email message was sent to.

Type: Long

Required: No

ReadDeleteRate

The percentage of email messages that were opened and then deleted by recipients. Due to technical limitations, this value only includes recipients who opened the message by using an email client that supports images.

Type: Double

Required: No

ReadRate

The percentage of email messages that were opened by recipients. Due to technical limitations, this value only includes recipients who opened the message by using an email client that supports images.

Type: Double

Required: No

SendingIps

The IP addresses that were used to send the email message.

Type: Array of strings

Required: No

SpamCount

The number of email messages that were delivered to recipients' spam or junk mail folders.

Type: Long

Required: No

Subject

The subject line, or title, of the email message.

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](#)

DomainDeliverabilityTrackingOption

An object that contains information about the Deliverability dashboard subscription for a verified domain that you use to send email and currently has an active Deliverability dashboard subscription. If a Deliverability dashboard subscription is active for a domain, you gain access to reputation, inbox placement, and other metrics for the domain.

Contents

Domain

A verified domain that's associated with your AWS account and currently has an active Deliverability dashboard subscription.

Type: String

Required: No

InboxPlacementTrackingOption

An object that contains information about the inbox placement data settings for the domain.

Type: [InboxPlacementTrackingOption](#) object

Required: No

SubscriptionStartDate

The date when you enabled the Deliverability dashboard for the domain.

Type: Timestamp

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](#)

DomainIspPlacement

An object that contains inbox placement data for email sent from one of your email domains to a specific email provider.

Contents

InboxPercentage

The percentage of messages that were sent from the selected domain to the specified email provider that arrived in recipients' inboxes.

Type: Double

Required: No

InboxRawCount

The total number of messages that were sent from the selected domain to the specified email provider that arrived in recipients' inboxes.

Type: Long

Required: No

IspName

The name of the email provider that the inbox placement data applies to.

Type: String

Required: No

SpamPercentage

The percentage of messages that were sent from the selected domain to the specified email provider that arrived in recipients' spam or junk mail folders.

Type: Double

Required: No

SpamRawCount

The total number of messages that were sent from the selected domain to the specified email provider that arrived in recipients' spam or junk mail folders.

Type: Long

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](#)

EmailAddressInsightsMailboxEvaluations

Contains individual validation checks performed on an email address.

Contents

HasValidDnsRecords

Checks that the domain exists, has valid DNS records, and is configured to receive email.

Type: [EmailAddressInsightsVerdict](#) object

Required: No

HasValidSyntax

Checks that the email address follows proper RFC standards and contains valid characters in the correct format.

Type: [EmailAddressInsightsVerdict](#) object

Required: No

IsDisposable

Checks disposable or temporary email addresses that could negatively impact your sender reputation.

Type: [EmailAddressInsightsVerdict](#) object

Required: No

IsRandomInput

Checks if the input appears to be random text.

Type: [EmailAddressInsightsVerdict](#) object

Required: No

IsRoleAddress

Identifies role-based addresses (such as admin@, support@, or info@) that may have lower engagement rates.

Type: [EmailAddressInsightsVerdict](#) object

Required: No

MailboxExists

Checks that the mailbox exists and can receive messages without actually sending an email.

Type: [EmailAddressInsightsVerdict](#) 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](#)

EmailAddressInsightsVerdict

Contains the overall validation verdict for an email address.

Contents

ConfidenceVerdict

The confidence level of the validation verdict.

Type: String

Valid Values: LOW | MEDIUM | HIGH

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](#)

EmailContent

An object that defines the entire content of the email, including the message headers, body content, and attachments. For a simple email message, you specify the subject and provide both text and HTML versions of the message body. You can also add attachments to simple and templated messages. For a raw message, you provide a complete MIME-formatted message, which can include custom headers and attachments.

Contents

Raw

The raw email message. The message has to meet the following criteria:

- The message has to contain a header and a body, separated by one blank line.
- All of the required header fields must be present in the message.
- Each part of a multipart MIME message must be formatted properly.
- If you include attachments, they must be in a file format that the Amazon SES API v2 supports.
- The raw data of the message needs to be base64-encoded if you are accessing Amazon SES directly through the HTTPS interface. If you are accessing Amazon SES using an AWS SDK, the SDK takes care of the base 64-encoding for you.
- If any of the MIME parts in your message contain content that is outside of the 7-bit ASCII character range, you should encode that content to ensure that recipients' email clients render the message properly.
- The length of any single line of text in the message can't exceed 1,000 characters. This restriction is defined in [RFC 5321](#).

Type: [RawMessage](#) object

Required: No

Simple

The simple email message. The message consists of a subject, message body and attachments list.

Type: [Message](#) object

Required: No

Template

The template to use for the email message.

Type: [Template](#) 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](#)

EmailInsights

An email's insights contain metadata and delivery information about a specific email.

Contents

Destination

The recipient of the email.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 320.

Required: No

Events

A list of events associated with the sent email.

Type: Array of [InsightsEvent](#) objects

Required: No

Isp

The recipient's ISP (e.g., Gmail, Yahoo, etc.).

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](#)

EmailTemplateContent

The content of the email, composed of a subject line, an HTML part, and a text-only part.

Contents

Html

The HTML body of the email.

Type: String

Required: No

Subject

The subject line of the email.

Type: String

Required: No

Text

The email body that will be visible to recipients whose email clients do not display HTML.

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](#)

EmailTemplateMetadata

Contains information about an email template.

Contents

CreatedTimestamp

The time and date the template was created.

Type: Timestamp

Required: No

TemplateName

The name of the 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](#)

EventBridgeDestination

An object that defines an Amazon EventBridge destination for email events. You can use Amazon EventBridge to send notifications when certain email events occur.

Contents

EventBusArn

The Amazon Resource Name (ARN) of the Amazon EventBridge bus to publish email events to. Only the default bus is supported.

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](#)

EventDestination

In the Amazon SES API v2, *events* include message sends, deliveries, opens, clicks, bounces, complaints and delivery delays. *Event destinations* are places that you can send information about these events to. For example, you can send event data to Amazon SNS to receive notifications when you receive bounces or complaints, or you can use Amazon Kinesis Data Firehose to stream data to Amazon S3 for long-term storage.

Contents

MatchingEventTypes

The types of events that Amazon SES sends to the specified event destinations.

- **SEND** - The send request was successful and SES will attempt to deliver the message to the recipient's mail server. (If account-level or global suppression is being used, SES will still count it as a send, but delivery is suppressed.)
- **REJECT** - SES accepted the email, but determined that it contained a virus and didn't attempt to deliver it to the recipient's mail server.
- **BOUNCE** - (*Hard bounce*) The recipient's mail server permanently rejected the email. (*Soft bounces* are only included when SES fails to deliver the email after retrying for a period of time.)
- **COMPLAINT** - The email was successfully delivered to the recipient's mail server, but the recipient marked it as spam.
- **DELIVERY** - SES successfully delivered the email to the recipient's mail server.
- **OPEN** - The recipient received the message and opened it in their email client.
- **CLICK** - The recipient clicked one or more links in the email.
- **RENDERING_FAILURE** - The email wasn't sent because of a template rendering issue. This event type can occur when template data is missing, or when there is a mismatch between template parameters and data. (This event type only occurs when you send email using the [SendEmail](#) or [SendBulkEmail](#) API operations.)
- **DELIVERY_DELAY** - The email couldn't be delivered to the recipient's mail server because a temporary issue occurred. Delivery delays can occur, for example, when the recipient's inbox is full, or when the receiving email server experiences a transient issue.

- SUBSCRIPTION - The email was successfully delivered, but the recipient updated their subscription preferences by clicking on an *unsubscribe* link as part of your [subscription management](#).

Type: Array of strings

Valid Values: SEND | REJECT | BOUNCE | COMPLAINT | DELIVERY | OPEN | CLICK | RENDERING_FAILURE | DELIVERY_DELAY | SUBSCRIPTION

Required: Yes

Name

A name that identifies the event destination.

Type: String

Required: Yes

CloudWatchDestination

An object that defines an Amazon CloudWatch destination for email events. You can use Amazon CloudWatch to monitor and gain insights on your email sending metrics.

Type: [CloudWatchDestination](#) object

Required: No

Enabled

If `true`, the event destination is enabled. When the event destination is enabled, the specified event types are sent to the destinations in this `EventDestinationDefinition`.

If `false`, the event destination is disabled. When the event destination is disabled, events aren't sent to the specified destinations.

Type: Boolean

Required: No

EventBridgeDestination

An object that defines an Amazon EventBridge destination for email events. You can use Amazon EventBridge to send notifications when certain email events occur.

Type: [EventBridgeDestination](#) object

Required: No

KinesisFirehoseDestination

An object that defines an Amazon Kinesis Data Firehose destination for email events. You can use Amazon Kinesis Data Firehose to stream data to other services, such as Amazon S3 and Amazon Redshift.

Type: [KinesisFirehoseDestination](#) object

Required: No

PinpointDestination

An object that defines an Amazon Pinpoint project destination for email events. You can send email event data to a Amazon Pinpoint project to view metrics using the Transactional Messaging dashboards that are built in to Amazon Pinpoint. For more information, see [Transactional Messaging Charts](#) in the *Amazon Pinpoint User Guide*.

Type: [PinpointDestination](#) object

Required: No

SnsDestination

An object that defines an Amazon SNS destination for email events. You can use Amazon SNS to send notifications when certain email events occur.

Type: [SnsDestination](#) 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](#)

EventDestinationDefinition

An object that defines the event destination. Specifically, it defines which services receive events from emails sent using the configuration set that the event destination is associated with. Also defines the types of events that are sent to the event destination.

Contents

CloudWatchDestination

An object that defines an Amazon CloudWatch destination for email events. You can use Amazon CloudWatch to monitor and gain insights on your email sending metrics.

Type: [CloudWatchDestination](#) object

Required: No

Enabled

If `true`, the event destination is enabled. When the event destination is enabled, the specified event types are sent to the destinations in this `EventDestinationDefinition`.

If `false`, the event destination is disabled. When the event destination is disabled, events aren't sent to the specified destinations.

Type: Boolean

Required: No

EventBridgeDestination

An object that defines an Amazon EventBridge destination for email events. You can use Amazon EventBridge to send notifications when certain email events occur.

Type: [EventBridgeDestination](#) object

Required: No

KinesisFirehoseDestination

An object that defines an Amazon Kinesis Data Firehose destination for email events. You can use Amazon Kinesis Data Firehose to stream data to other services, such as Amazon S3 and Amazon Redshift.

Type: [KinesisFirehoseDestination](#) object

Required: No

MatchingEventTypes

An array that specifies which events the Amazon SES API v2 should send to the destinations in this EventDestinationDefinition.

Type: Array of strings

Valid Values: SEND | REJECT | BOUNCE | COMPLAINT | DELIVERY | OPEN | CLICK | RENDERING_FAILURE | DELIVERY_DELAY | SUBSCRIPTION

Required: No

PinpointDestination

An object that defines an Amazon Pinpoint project destination for email events. You can send email event data to a Amazon Pinpoint project to view metrics using the Transactional Messaging dashboards that are built in to Amazon Pinpoint. For more information, see [Transactional Messaging Charts](#) in the *Amazon Pinpoint User Guide*.

Type: [PinpointDestination](#) object

Required: No

SnsDestination

An object that defines an Amazon SNS destination for email events. You can use Amazon SNS to send notifications when certain email events occur.

Type: [SnsDestination](#) 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](#)

EventDetails

Contains a Bounce object if the event type is BOUNCE. Contains a Complaint object if the event type is COMPLAINT.

Contents

Bounce

Information about a Bounce event.

Type: [Bounce](#) object

Required: No

Complaint

Information about a Complaint event.

Type: [Complaint](#) 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](#)

ExportDataSource

An object that contains details about the data source of the export job. It can only contain one of `MetricsDataSource` or `MessageInsightsDataSource` object.

Contents

MessageInsightsDataSource

An object that contains filters applied when performing the Message Insights export.

Type: [MessageInsightsDataSource](#) object

Required: No

MetricsDataSource

An object that contains details about the data source for the metrics export.

Type: [MetricsDataSource](#) 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](#)

ExportDestination

An object that contains details about the destination of the export job.

Contents

DataFormat

The data format of the final export job file, can be one of the following:

- CSV - A comma-separated values file.
- JSON - A Json file.

Type: String

Valid Values: CSV | JSON

Required: Yes

S3Url

An Amazon S3 pre-signed URL that points to the generated export file.

Type: String

Pattern: `^s3:\V\([^\V]+\)\V(.*?([^\V]+\)\V?)$`

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](#)

ExportJobSummary

A summary of the export job.

Contents

CompletedTimestamp

The timestamp of when the export job was completed.

Type: Timestamp

Required: No

CreatedTimestamp

The timestamp of when the export job was created.

Type: Timestamp

Required: No

ExportSourceType

The source type of the export job.

Type: String

Valid Values: METRICS_DATA | MESSAGE_INSIGHTS

Required: No

JobId

The export job ID.

Type: String

Length Constraints: Minimum length of 1.

Required: No

JobStatus

The status of the export job.

Type: String

Valid Values: CREATED | PROCESSING | COMPLETED | FAILED | CANCELLED

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](#)

ExportMetric

An object that contains a mapping between a `Metric` and `MetricAggregation`.

Contents

Aggregation

The aggregation to apply to a metric, can be one of the following:

- `VOLUME` - The volume of events for this metric.
- `RATE` - The rate for this metric relative to the `SEND` metric volume.

Type: String

Valid Values: `RATE` | `VOLUME`

Required: No

Name

The metric to export, can be one of the following:

- `SEND` - Emails sent eligible for tracking in the VDM dashboard. This excludes emails sent to the mailbox simulator and emails addressed to more than one recipient.
- `COMPLAINT` - Complaints received for your account. This excludes complaints from the mailbox simulator, those originating from your account-level suppression list (if enabled), and those for emails addressed to more than one recipient
- `PERMANENT_BOUNCE` - Permanent bounces - i.e., feedback received for emails sent to non-existent mailboxes. Excludes bounces from the mailbox simulator, those originating from your account-level suppression list (if enabled), and those for emails addressed to more than one recipient.
- `TRANSIENT_BOUNCE` - Transient bounces - i.e., feedback received for delivery failures excluding issues with non-existent mailboxes. Excludes bounces from the mailbox simulator, and those for emails addressed to more than one recipient.
- `OPEN` - Unique open events for emails including open trackers. Excludes opens for emails addressed to more than one recipient.
- `CLICK` - Unique click events for emails including wrapped links. Excludes clicks for emails addressed to more than one recipient.

- **DELIVERY** - Successful deliveries for email sending attempts. Excludes deliveries to the mailbox simulator and for emails addressed to more than one recipient.
- **DELIVERY_OPEN** - Successful deliveries for email sending attempts. Excludes deliveries to the mailbox simulator, for emails addressed to more than one recipient, and emails without open trackers.
- **DELIVERY_CLICK** - Successful deliveries for email sending attempts. Excludes deliveries to the mailbox simulator, for emails addressed to more than one recipient, and emails without click trackers.
- **DELIVERY_COMPLAINT** - Successful deliveries for email sending attempts. Excludes deliveries to the mailbox simulator, for emails addressed to more than one recipient, and emails addressed to recipients hosted by ISPs with which Amazon SES does not have a feedback loop agreement.

Type: String

Valid Values: SEND | COMPLAINT | PERMANENT_BOUNCE | TRANSIENT_BOUNCE | OPEN
| CLICK | DELIVERY | DELIVERY_OPEN | DELIVERY_CLICK | DELIVERY_COMPLAINT

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](#)

ExportStatistics

Statistics about the execution of an export job.

Contents

ExportedRecordsCount

The number of records that were exported to the final export file.

This value might not be available for all export source types

Type: Integer

Required: No

ProcessedRecordsCount

The number of records that were processed to generate the final export file.

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](#)

FailureInfo

An object that contains the failure details about a job.

Contents

ErrorMessage

A message about why the job failed.

Type: String

Required: No

FailedRecordsS3Url

An Amazon S3 pre-signed URL that contains all the failed records and related information.

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](#)

GuardianAttributes

An object containing additional settings for your VDM configuration as applicable to the Guardian.

Contents

OptimizedSharedDelivery

Specifies the status of your VDM optimized shared delivery. Can be one of the following:

- **ENABLED** – Amazon SES enables optimized shared delivery for your account.
- **DISABLED** – Amazon SES disables optimized shared delivery for your account.

Type: String

Valid Values: **ENABLED** | **DISABLED**

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](#)

GuardianOptions

An object containing additional settings for your VDM configuration as applicable to the Guardian.

Contents

OptimizedSharedDelivery

Specifies the status of your VDM optimized shared delivery. Can be one of the following:

- **ENABLED** – Amazon SES enables optimized shared delivery for the configuration set.
- **DISABLED** – Amazon SES disables optimized shared delivery for the configuration set.

Type: String

Valid Values: **ENABLED** | **DISABLED**

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](#)

IdentityInfo

Information about an email identity.

Contents

IdentityName

The address or domain of the identity.

Type: String

Length Constraints: Minimum length of 1.

Required: No

IdentityType

The email identity type. Note: the `MANAGED_DOMAIN` type is not supported for email identity types.

Type: String

Valid Values: `EMAIL_ADDRESS` | `DOMAIN` | `MANAGED_DOMAIN`

Required: No

SendingEnabled

Indicates whether or not you can send email from the identity.

An *identity* is an email address or domain that you send email from. Before you can send email from an identity, you have to demonstrate that you own the identity, and that you authorize Amazon SES to send email from that identity.

Type: Boolean

Required: No

VerificationStatus

The verification status of the identity. The status can be one of the following:

- `PENDING` – The verification process was initiated, but Amazon SES hasn't yet been able to verify the identity.

- **SUCCESS** – The verification process completed successfully.
- **FAILED** – The verification process failed.
- **TEMPORARY_FAILURE** – A temporary issue is preventing Amazon SES from determining the verification status of the identity.
- **NOT_STARTED** – The verification process hasn't been initiated for the identity.

Type: String

Valid Values: PENDING | SUCCESS | FAILED | TEMPORARY_FAILURE | NOT_STARTED

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](#)

ImportDataSource

An object that contains details about the data source of the import job.

Contents

DataFormat

The data format of the import job's data source.

Type: String

Valid Values: CSV | JSON

Required: Yes

S3Url

An Amazon S3 URL in the format `s3://<bucket_name>/<object>`.

Type: String

Pattern: `^s3:\V\V([\^V]+)\V(. *?([\^V]+)\V?)$`

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](#)

ImportDestination

An object that contains details about the resource destination the import job is going to target.

Contents

ContactListDestination

An object that contains the action of the import job towards a contact list.

Type: [ContactListDestination](#) object

Required: No

SuppressionListDestination

An object that contains the action of the import job towards suppression list.

Type: [SuppressionListDestination](#) 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](#)

ImportJobSummary

A summary of the import job.

Contents

CreatedTimestamp

The date and time when the import job was created.

Type: Timestamp

Required: No

FailedRecordsCount

The number of records that failed processing because of invalid input or other reasons.

Type: Integer

Required: No

ImportDestination

An object that contains details about the resource destination the import job is going to target.

Type: [ImportDestination](#) object

Required: No

JobId

A string that represents a job ID.

Type: String

Length Constraints: Minimum length of 1.

Required: No

JobStatus

The status of a job.

- **CREATED** – Job has just been created.
- **PROCESSING** – Job is processing.

- **ERROR** – An error occurred during processing.
- **COMPLETED** – Job has completed processing successfully.

Type: String

Valid Values: **CREATED** | **PROCESSING** | **COMPLETED** | **FAILED** | **CANCELLED**

Required: No

ProcessedRecordsCount

The current number of records processed.

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](#)

InboxPlacementTrackingOption

An object that contains information about the inbox placement data settings for a verified domain that's associated with your AWS account. This data is available only if you enabled the Deliverability dashboard for the domain.

Contents

Global

Specifies whether inbox placement data is being tracked for the domain.

Type: Boolean

Required: No

TrackedIsps

An array of strings, one for each major email provider that the inbox placement data applies to.

Type: Array of strings

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](#)

InsightsEvent

An object containing details about a specific event.

Contents

Details

Details about bounce or complaint events.

Type: [EventDetails](#) object

Required: No

Timestamp

The timestamp of the event.

Type: Timestamp

Required: No

Type

The type of event:

- **SEND** - The send request was successful and SES will attempt to deliver the message to the recipient's mail server. (If account-level or global suppression is being used, SES will still count it as a send, but delivery is suppressed.)
- **DELIVERY** - SES successfully delivered the email to the recipient's mail server. Excludes deliveries to the mailbox simulator, and those from emails addressed to more than one recipient.
- **BOUNCE** - Feedback received for delivery failures. Additional details about the bounce are provided in the `Details` object. Excludes bounces from the mailbox simulator, and those from emails addressed to more than one recipient.
- **COMPLAINT** - Complaint received for the email. Additional details about the complaint are provided in the `Details` object. This excludes complaints from the mailbox simulator, those originating from your account-level suppression list (if enabled), and those from emails addressed to more than one recipient.
- **OPEN** - Open event for emails including open trackers. Excludes opens for emails addressed to more than one recipient.

- **CLICK** - Click event for emails including wrapped links. Excludes clicks for emails addressed to more than one recipient.

Type: String

Valid Values: SEND | REJECT | BOUNCE | COMPLAINT | DELIVERY | OPEN | CLICK | RENDERING_FAILURE | DELIVERY_DELAY | SUBSCRIPTION

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](#)

IspPlacement

An object that describes how email sent during the predictive inbox placement test was handled by a certain email provider.

Contents

IspName

The name of the email provider that the inbox placement data applies to.

Type: String

Required: No

PlacementStatistics

An object that contains inbox placement metrics for a specific email provider.

Type: [PlacementStatistics](#) 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](#)

KinesisFirehoseDestination

An object that defines an Amazon Kinesis Data Firehose destination for email events. You can use Amazon Kinesis Data Firehose to stream data to other services, such as Amazon S3 and Amazon Redshift.

Contents

DeliveryStreamArn

The Amazon Resource Name (ARN) of the Amazon Kinesis Data Firehose stream that the Amazon SES API v2 sends email events to.

Type: String

Length Constraints: Minimum length of 1.

Required: Yes

IamRoleArn

The Amazon Resource Name (ARN) of the IAM role that the Amazon SES API v2 uses to send email events to the Amazon Kinesis Data Firehose stream.

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](#)

ListContactsFilter

A filter that can be applied to a list of contacts.

Contents

FilteredStatus

The status by which you are filtering: OPT_IN or OPT_OUT.

Type: String

Valid Values: OPT_IN | OPT_OUT

Required: No

TopicFilter

Used for filtering by a specific topic preference.

Type: [TopicFilter](#) 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](#)

ListManagementOptions

An object used to specify a list or topic to which an email belongs, which will be used when a contact chooses to unsubscribe.

Contents

ContactListName

The name of the contact list.

Type: String

Required: Yes

TopicName

The name of the topic.

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](#)

MailboxValidation

Contains detailed validation information about an email address.

Contents

Evaluations

Specific validation checks performed on the email address.

Type: [EmailAddressInsightsMailboxEvaluations](#) object

Required: No

IsValid

Overall validity assessment with a confidence verdict.

Type: [EmailAddressInsightsVerdict](#) 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](#)

MailFromAttributes

A list of attributes that are associated with a MAIL FROM domain.

Contents

BehaviorOnMxFailure

The action to take if the required MX record can't be found when you send an email. When you set this value to `USE_DEFAULT_VALUE`, the mail is sent using *amazonses.com* as the MAIL FROM domain. When you set this value to `REJECT_MESSAGE`, the Amazon SES API v2 returns a `MailFromDomainNotVerified` error, and doesn't attempt to deliver the email.

These behaviors are taken when the custom MAIL FROM domain configuration is in the `Pending`, `Failed`, and `TemporaryFailure` states.

Type: String

Valid Values: `USE_DEFAULT_VALUE` | `REJECT_MESSAGE`

Required: Yes

MailFromDomain

The name of a domain that an email identity uses as a custom MAIL FROM domain.

Type: String

Required: Yes

MailFromDomainStatus

The status of the MAIL FROM domain. This status can have the following values:

- `PENDING` – Amazon SES hasn't started searching for the MX record yet.
- `SUCCESS` – Amazon SES detected the required MX record for the MAIL FROM domain.
- `FAILED` – Amazon SES can't find the required MX record, or the record no longer exists.
- `TEMPORARY_FAILURE` – A temporary issue occurred, which prevented Amazon SES from determining the status of the MAIL FROM domain.

Type: String

Valid Values: `PENDING` | `SUCCESS` | `FAILED` | `TEMPORARY_FAILURE`

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](#)

Message

Represents the email message that you're sending. The Message object consists of a subject line and a message body.

Contents

Body

The body of the message. You can specify an HTML version of the message, a text-only version of the message, or both.

Type: [Body](#) object

Required: Yes

Subject

The subject line of the email. The subject line can only contain 7-bit ASCII characters. However, you can specify non-ASCII characters in the subject line by using encoded-word syntax, as described in [RFC 2047](#).

Type: [Content](#) object

Required: Yes

Attachments

The List of attachments to include in your email. All recipients will receive the same attachments.

Type: Array of [Attachment](#) objects

Required: No

Headers

The list of message headers that will be added to the email message.

Type: Array of [MessageHeader](#) objects

Array Members: Minimum number of 0 items. Maximum number of 15 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](#)

MessageHeader

Contains the name and value of a message header that you add to an email.

Contents

Name

The name of the message header. The message header name has to meet the following criteria:

- Can contain any printable ASCII character (33 - 126) except for colon (:).
- Can contain no more than 126 characters.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 126.

Pattern: `^[!-9; -@A-~]+$`

Required: Yes

Value

The value of the message header. The message header value has to meet the following criteria:

- Can contain any printable ASCII character.
- Can contain no more than 995 characters.
- The combined length of the header name and value must not exceed 996 characters.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 995.

Pattern: `[ -~]*`

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](#)

MessageInsightsDataSource

An object that contains filters applied when performing the Message Insights export.

Contents

EndDate

Represents the end date for the export interval as a timestamp. The end date is inclusive.

Type: Timestamp

Required: Yes

StartDate

Represents the start date for the export interval as a timestamp. The start date is inclusive.

Type: Timestamp

Required: Yes

Exclude

Filters for results to be excluded from the export file.

Type: [MessageInsightsFilters](#) object

Required: No

Include

Filters for results to be included in the export file.

Type: [MessageInsightsFilters](#) object

Required: No

MaxResults

The maximum number of results.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 10000.

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](#)

MessageInsightsFilters

An object containing Message Insights filters.

If you specify multiple filters, the filters are joined by AND.

If you specify multiple values for a filter, the values are joined by OR. Filter values are case-sensitive.

FromEmailAddress, Destination, and Subject filters support partial match. A partial match is performed by using the * wildcard character placed at the beginning (suffix match), the end (prefix match) or both ends of the string (contains match). In order to match the literal characters * or \, they must be escaped using the \ character. If no wildcard character is present, an exact match is performed.

Contents

Destination

The recipient's email address.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 320.

Required: No

FromEmailAddress

The from address used to send the message.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 320.

Required: No

Isp

The recipient's ISP (e.g., Gmail, Yahoo, etc.).

Type: Array of strings

Array Members: Maximum number of 5 items.

Required: No

LastDeliveryEvent

The last delivery-related event for the email, where the ordering is as follows: SEND < BOUNCE < DELIVERY < COMPLAINT.

Type: Array of strings

Array Members: Maximum number of 5 items.

Valid Values: SEND | DELIVERY | TRANSIENT_BOUNCE | PERMANENT_BOUNCE | UNDETERMINED_BOUNCE | COMPLAINT

Required: No

LastEngagementEvent

The last engagement-related event for the email, where the ordering is as follows: OPEN < CLICK.

Engagement events are only available if [Engagement tracking](#) is enabled.

Type: Array of strings

Array Members: Maximum number of 2 items.

Valid Values: OPEN | CLICK

Required: No

Subject

The subject line of the message.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Minimum length of 1. Maximum length of 998.

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](#)

MessageTag

Contains the name and value of a tag that you apply to an email. You can use message tags when you publish email sending events.

Contents

Name

The name of the message tag. The message tag name has to meet the following criteria:

- It can only contain ASCII letters (a–z, A–Z), numbers (0–9), underscores (_), or dashes (-).
- It can contain no more than 256 characters.

Type: String

Required: Yes

Value

The value of the message tag. The message tag value has to meet the following criteria:

- It can only contain ASCII letters (a–z, A–Z), numbers (0–9), underscores (_), or dashes (-).
- It can contain no more than 256 characters.

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](#)

MetricDataError

An error corresponding to the unsuccessful processing of a single metric data query.

Contents

Code

The query error code. Can be one of:

- `INTERNAL_FAILURE` – Amazon SES has failed to process one of the queries.
- `ACCESS_DENIED` – You have insufficient access to retrieve metrics based on the given query.

Type: String

Valid Values: `INTERNAL_FAILURE` | `ACCESS_DENIED`

Required: No

Id

The query identifier.

Type: String

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

Required: No

Message

The error message associated with the current query error.

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](#)

MetricDataResult

The result of a single metric data query.

Contents

Id

The query identifier.

Type: String

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

Required: No

Timestamps

A list of timestamps for the metric data results.

Type: Array of timestamps

Required: No

Values

A list of values (cumulative / sum) for the metric data results.

Type: Array of longs

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](#)

MetricsDataSource

An object that contains details about the data source for the metrics export.

Contents

Dimensions

An object that contains a mapping between a `MetricDimensionName` and `MetricDimensionValue` to filter metrics by. Must contain a least 1 dimension but no more than 3 unique ones.

Type: String to array of strings map

Map Entries: Maximum number of 3 items.

Valid Keys: EMAIL_IDENTITY | CONFIGURATION_SET | ISP

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: Yes

EndDate

Represents the end date for the export interval as a timestamp.

Type: Timestamp

Required: Yes

Metrics

A list of `ExportMetric` objects to export.

Type: Array of [ExportMetric](#) objects

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Required: Yes

Namespace

The metrics namespace - e.g., VDM.

Type: String

Valid Values: VDM

Required: Yes

StartDate

Represents the start date for the export interval as a timestamp.

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](#)

MultiRegionEndpoint

An object that contains multi-region endpoint (global-endpoint) properties.

Contents

CreatedTimestamp

The time stamp of when the multi-region endpoint (global-endpoint) was created.

Type: Timestamp

Required: No

EndpointId

The ID of the multi-region endpoint (global-endpoint).

Type: String

Required: No

EndpointName

The name of the multi-region endpoint (global-endpoint).

Type: String

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

Pattern: `^[w\-\_]+$`

Required: No

LastUpdatedTimestamp

The time stamp of when the multi-region endpoint (global-endpoint) was last updated.

Type: Timestamp

Required: No

Regions

Primary and secondary regions between which multi-region endpoint splits sending traffic.

Type: Array of strings

Required: No

Status

The status of the multi-region endpoint (global-endpoint).

- CREATING – The resource is being provisioned.
- READY – The resource is ready to use.
- FAILED – The resource failed to be provisioned.
- DELETING – The resource is being deleted as requested.

Type: String

Valid Values: CREATING | READY | FAILED | DELETING

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](#)

OverallVolume

An object that contains information about email that was sent from the selected domain.

Contents

DomainIspPlacements

An object that contains inbox and junk mail placement metrics for individual email providers.

Type: Array of [DomainIspPlacement](#) objects

Required: No

ReadRatePercent

The percentage of emails that were sent from the domain that were read by their recipients.

Type: Double

Required: No

VolumeStatistics

An object that contains information about the numbers of messages that arrived in recipients' inboxes and junk mail folders.

Type: [VolumeStatistics](#) 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](#)

PinpointDestination

An object that defines an Amazon Pinpoint project destination for email events. You can send email event data to a Amazon Pinpoint project to view metrics using the Transactional Messaging dashboards that are built in to Amazon Pinpoint. For more information, see [Transactional Messaging Charts](#) in the *Amazon Pinpoint User Guide*.

Contents

ApplicationArn

The Amazon Resource Name (ARN) of the Amazon Pinpoint project to send email events to.

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](#)

PlacementStatistics

An object that contains inbox placement data for an email provider.

Contents

DkimPercentage

The percentage of emails that were authenticated by using DomainKeys Identified Mail (DKIM) during the predictive inbox placement test.

Type: Double

Required: No

InboxPercentage

The percentage of emails that arrived in recipients' inboxes during the predictive inbox placement test.

Type: Double

Required: No

MissingPercentage

The percentage of emails that didn't arrive in recipients' inboxes at all during the predictive inbox placement test.

Type: Double

Required: No

SpamPercentage

The percentage of emails that arrived in recipients' spam or junk mail folders during the predictive inbox placement test.

Type: Double

Required: No

SpfPercentage

The percentage of emails that were authenticated by using Sender Policy Framework (SPF) during the predictive inbox placement test.

Type: Double

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](#)

RawMessage

Represents the raw content of an email message.

Contents

Data

The raw email message. The message has to meet the following criteria:

- The message has to contain a header and a body, separated by one blank line.
- All of the required header fields must be present in the message.
- Each part of a multipart MIME message must be formatted properly.
- Attachments must be in a file format that the Amazon SES supports.
- The raw data of the message needs to be base64-encoded if you are accessing Amazon SES directly through the HTTPS interface. If you are accessing Amazon SES using an AWS SDK, the SDK takes care of the base 64-encoding for you.
- If any of the MIME parts in your message contain content that is outside of the 7-bit ASCII character range, you should encode that content to ensure that recipients' email clients render the message properly.
- The length of any single line of text in the message can't exceed 1,000 characters. This restriction is defined in [RFC 5321](#).

Type: Base64-encoded binary data 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](#)

Recommendation

A recommendation generated for your account.

Contents

CreatedTimestamp

The first time this issue was encountered and the recommendation was generated.

Type: Timestamp

Required: No

Description

The recommendation description / disambiguator - e.g. DKIM1 and DKIM2 are different recommendations about your DKIM setup.

Type: String

Required: No

Impact

The recommendation impact, with values like HIGH or LOW.

Type: String

Valid Values: LOW | HIGH

Required: No

LastUpdatedTimestamp

The last time the recommendation was updated.

Type: Timestamp

Required: No

ResourceArn

The resource affected by the recommendation, with values like `arn:aws:ses:us-east-1:123456789012:identity/example.com`.

Type: String

Length Constraints: Minimum length of 1.

Required: No

Status

The recommendation status, with values like OPEN or FIXED.

Type: String

Valid Values: OPEN | FIXED

Required: No

Type

The recommendation type, with values like DKIM, SPF, DMARC, BIMI, or COMPLAINT.

Type: String

Valid Values: DKIM | DMARC | SPF | BIMI | COMPLAINT | BOUNCE | FEEDBACK_3P | IP_LISTING

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](#)

ReplacementEmailContent

The ReplaceEmailContent object to be used for a specific BulkEmailEntry. The ReplacementTemplate can be specified within this object.

Contents

ReplacementTemplate

The ReplacementTemplate associated with ReplacementEmailContent.

Type: [ReplacementTemplate](#) 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](#)

ReplacementTemplate

An object which contains ReplacementTemplateData to be used for a specific BulkEmailEntry.

Contents

ReplacementTemplateData

A list of replacement values to apply to the template. This parameter is a JSON object, typically consisting of key-value pairs in which the keys correspond to replacement tags in the email template.

Type: String

Length Constraints: Maximum length of 262144.

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](#)

ReputationEntity

An object that contains information about a reputation entity, including its reference, type, policy, status records, and reputation impact.

Contents

AwsSesManagedStatus

The AWS Amazon SES-managed status record for this reputation entity, including the current status, cause description, and last updated timestamp.

Type: [StatusRecord](#) object

Required: No

CustomerManagedStatus

The customer-managed status record for this reputation entity, including the current status, cause description, and last updated timestamp.

Type: [StatusRecord](#) object

Required: No

ReputationEntityReference

The unique identifier for the reputation entity. For resource-type entities, this is the Amazon Resource Name (ARN) of the resource.

Type: String

Length Constraints: Minimum length of 1.

Required: No

ReputationEntityType

The type of reputation entity. Currently, only RESOURCE type entities are supported.

Type: String

Valid Values: RESOURCE

Required: No

ReputationImpact

The reputation impact level for this entity, representing the highest impact reputation finding currently active. Reputation findings can be retrieved using the `ListRecommendations` operation.

Type: String

Valid Values: LOW | HIGH

Required: No

ReputationManagementPolicy

The Amazon Resource Name (ARN) of the reputation management policy applied to this entity. This is an AWS Amazon SES-managed policy.

Type: String

Length Constraints: Minimum length of 1.

Required: No

SendingStatusAggregate

The aggregate sending status that determines whether the entity is allowed to send emails. This status is derived from both the customer-managed and AWS Amazon SES-managed statuses. If either the customer-managed status or the AWS Amazon SES-managed status is `DISABLED`, the aggregate status will be `DISABLED` and the entity will not be allowed to send emails. When the customer-managed status is set to `REINSTATED`, the entity can continue sending even if there are active reputation findings, provided the AWS Amazon SES-managed status also permits sending. The entity can only send emails when both statuses permit sending.

Type: String

Valid Values: ENABLED | REINSTATED | DISABLED

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](#)

ReputationOptions

Enable or disable collection of reputation metrics for emails that you send using this configuration set in the current AWS Region.

Contents

LastFreshStart

The date and time (in Unix time) when the reputation metrics were last given a fresh start. When your account is given a fresh start, your reputation metrics are calculated starting from the date of the fresh start.

Type: Timestamp

Required: No

ReputationMetricsEnabled

If `true`, tracking of reputation metrics is enabled for the configuration set. If `false`, tracking of reputation metrics is disabled for the configuration set.

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](#)

ResourceTenantMetadata

A structure that contains information about a tenant associated with a resource.

Contents

AssociatedTimestamp

The date and time when the resource was associated with the tenant.

Type: Timestamp

Required: No

ResourceArn

The Amazon Resource Name (ARN) of the resource.

Type: String

Length Constraints: Minimum length of 1.

Required: No

TenantId

A unique identifier for the tenant associated with the resource.

Type: String

Required: No

TenantName

The name of the tenant associated with the resource.

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](#)

ReviewDetails

An object that contains information about your account details review.

Contents

Caseld

The associated support center case ID (if any).

Type: String

Required: No

Status

The status of the latest review of your account. The status can be one of the following:

- PENDING – We have received your appeal and are in the process of reviewing it.
- GRANTED – Your appeal has been reviewed and your production access has been granted.
- DENIED – Your appeal has been reviewed and your production access has been denied.
- FAILED – An internal error occurred and we didn't receive your appeal. You can submit your appeal again.

Type: String

Valid Values: PENDING | FAILED | GRANTED | DENIED

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](#)

Route

An object which contains an AWS-Region and routing status.

Contents

Region

The name of an AWS-Region.

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](#)

RouteDetails

An object that contains route configuration. Includes secondary region name.

Contents

Region

The name of an AWS-Region to be a secondary region for the multi-region endpoint (global-endpoint).

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](#)

SendingOptions

Used to enable or disable email sending for messages that use this configuration set in the current AWS Region.

Contents

SendingEnabled

If `true`, email sending is enabled for the configuration set. If `false`, email sending is disabled for the configuration set.

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](#)

SendQuota

An object that contains information about the per-day and per-second sending limits for your Amazon SES account in the current AWS Region.

Contents

Max24HourSend

The maximum number of emails that you can send in the current AWS Region over a 24-hour period. A value of -1 signifies an unlimited quota. (This value is also referred to as your *sending quota*.)

Type: Double

Required: No

MaxSendRate

The maximum number of emails that you can send per second in the current AWS Region. This value is also called your *maximum sending rate* or your *maximum TPS (transactions per second) rate*.

Type: Double

Required: No

SentLast24Hours

The number of emails sent from your Amazon SES account in the current AWS Region over the past 24 hours.

Type: Double

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](#)

SnsDestination

An object that defines an Amazon SNS destination for email events. You can use Amazon SNS to send notifications when certain email events occur.

Contents

TopicArn

The Amazon Resource Name (ARN) of the Amazon SNS topic to publish email events to. For more information about Amazon SNS topics, see the [Amazon SNS Developer Guide](#).

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](#)

SOARecord

An object that contains information about the start of authority (SOA) record associated with the identity.

Contents

AdminEmail

Administrative contact email from the SOA record.

Type: String

Required: No

PrimaryNameServer

Primary name server specified in the SOA record.

Type: String

Required: No

SerialNumber

Serial number from the SOA record.

Type: Long

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](#)

StatusRecord

An object that contains status information for a reputation entity, including the current status, cause description, and timestamp.

Contents

Cause

A description of the reason for the current status, or null if no specific cause is available.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

LastUpdatedTimestamp

The timestamp when this status was last updated.

Type: Timestamp

Required: No

Status

The current sending status. This can be one of the following:

- ENABLED – Sending is allowed.
- DISABLED – Sending is prevented.
- REINSTATED – Sending is allowed even with active reputation findings.

Type: String

Valid Values: ENABLED | REINSTATED | DISABLED

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](#)

SuppressedDestination

An object that contains information about an email address that is on the suppression list for your account or for a specific tenant.

Contents

EmailAddress

The email address that is on the suppression list for your account or for a specific tenant.

Type: String

Required: Yes

LastUpdateTime

The date and time when the suppressed destination was last updated, shown in Unix time format.

Type: Timestamp

Required: Yes

Reason

The reason that the address was added to the suppression list for your account or for a specific tenant.

Type: String

Valid Values: BOUNCE | COMPLAINT

Required: Yes

Attributes

An optional value that can contain additional information about the reasons that the address was added to the suppression list for your account or for a specific tenant.

Type: [SuppressedDestinationAttributes](#) object

Required: No

TenantName

The name of the tenant that the suppressed destination belongs to. This field is present only when the suppressed destination is on a tenant's suppression list.

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](#)

SuppressedDestinationAttributes

An object that contains additional attributes that are related an email address that is on the suppression list for your account or for a specific tenant.

Contents

FeedbackId

A unique identifier that's generated when an email address is added to the suppression list for your account or for a specific tenant.

Type: String

Required: No

MessageId

The unique identifier of the email message that caused the email address to be added to the suppression list for your account or for a specific tenant.

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](#)

SuppressedDestinationSummary

A summary that describes the suppressed email address.

Contents

EmailAddress

The email address that's on the suppression list for your account or for a specific tenant.

Type: String

Required: Yes

LastUpdateTime

The date and time when the suppressed destination was last updated, shown in Unix time format.

Type: Timestamp

Required: Yes

Reason

The reason that the address was added to the suppression list for your account or for a specific tenant.

Type: String

Valid Values: BOUNCE | COMPLAINT

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](#)

SuppressionAttributes

An object that contains information about the email address suppression preferences for your account in the current AWS Region.

Contents

SuppressedReasons

A list that contains the reasons that email addresses will be automatically added to the suppression list for your account. This list can contain any or all of the following:

- COMPLAINT – Amazon SES adds an email address to the suppression list for your account when a message sent to that address results in a complaint.
- BOUNCE – Amazon SES adds an email address to the suppression list for your account when a message sent to that address results in a hard bounce.

Type: Array of strings

Valid Values: BOUNCE | COMPLAINT

Required: No

ValidationAttributes

Structure containing validation attributes used for suppressing sending to specific destination on account level.

Type: [SuppressionValidationAttributes](#) 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](#)

SuppressionConditionThreshold

Contains Auto Validation settings, allowing you to suppress sending to specific destination(s) if they do not meet required threshold. For details on Auto Validation, see [Auto Validation](#).

Contents

ConditionThresholdEnabled

Indicates whether Auto Validation is enabled for suppression. Set to ENABLED to enable the Auto Validation feature, or set to DISABLED to disable it.

Type: String

Valid Values: ENABLED | DISABLED

Required: Yes

OverallConfidenceThreshold

The overall confidence threshold used to determine suppression decisions.

Type: [SuppressionConfidenceThreshold](#) 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](#)

SuppressionConfidenceThreshold

Contains the confidence threshold settings for Auto Validation.

Contents

ConfidenceVerdictThreshold

The confidence level threshold for suppression decisions.

Type: String

Valid Values: MEDIUM | HIGH | MANAGED

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](#)

SuppressionListDestination

An object that contains details about the action of suppression list.

Contents

SuppressionListImportAction

The type of action to perform on the address. The following are possible values:

- PUT: add the addresses to the suppression list. If the record already exists, it will override it with the new value.
- DELETE: remove the addresses from the suppression list.

Type: String

Valid Values: DELETE | PUT

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](#)

SuppressionOptions

An object that contains information about the suppression list preferences for your account or for a specific tenant.

Contents

SuppressedReasons

A list that contains the reasons that email addresses are automatically added to the suppression list for your account or for a specific tenant. This list can contain any or all of the following:

- COMPLAINT – Amazon SES adds an email address to the suppression list for your account or for a specific tenant when a message sent to that address results in a complaint.
- BOUNCE – Amazon SES adds an email address to the suppression list for your account or for a specific tenant when a message sent to that address results in a hard bounce.

Type: Array of strings

Valid Values: BOUNCE | COMPLAINT

Required: No

SuppressionScope

The suppression scope for the configuration set. This overrides the tenant or account suppression scope for emails sent using this configuration set. Can be one of the following:

- TENANT – Use the tenant's suppression list.
- ACCOUNT – Use the account-level suppression list.

Type: String

Valid Values: ACCOUNT | TENANT

Required: No

ValidationOptions

Contains validation options for email address suppression.

Type: [SuppressionValidationOptions](#) 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](#)

SuppressionValidationAttributes

Structure containing validation attributes used for suppressing sending to specific destination on account level.

Contents

ConditionThreshold

Specifies the condition threshold settings for account-level suppression.

Type: [SuppressionConditionThreshold](#) 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](#)

SuppressionValidationOptions

Contains validation options for email address suppression.

Contents

ConditionThreshold

Specifies the condition threshold settings for suppression validation.

Type: [SuppressionConditionThreshold](#) 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](#)

Tag

An object that defines the tags that are associated with a resource. A *tag* is a label that you optionally define and associate with a resource. Tags can help you categorize and manage resources in different ways, such as by purpose, owner, environment, or other criteria. A resource can have as many as 50 tags.

Each tag consists of a required *tag key* and an associated *tag value*, both of which you define. A tag key is a general label that acts as a category for a more specific tag value. A tag value acts as a descriptor within a tag key. A tag key can contain as many as 128 characters. A tag value can contain as many as 256 characters. The characters can be Unicode letters, digits, white space, or one of the following symbols: `_ . : / = + -`. The following additional restrictions apply to tags:

- Tag keys and values are case sensitive.
- For each associated resource, each tag key must be unique and it can have only one value.
- The `aws :` prefix is reserved for use by AWS; you can't use it in any tag keys or values that you define. In addition, you can't edit or remove tag keys or values that use this prefix. Tags that use this prefix don't count against the limit of 50 tags per resource.
- You can associate tags with public or shared resources, but the tags are available only for your AWS account, not any other accounts that share the resource. In addition, the tags are available only for resources that are located in the specified AWS Region for your AWS account.

Contents

Key

One part of a key-value pair that defines a tag. The maximum length of a tag key is 128 characters. The minimum length is 1 character.

Type: String

Required: Yes

Value

The optional part of a key-value pair that defines a tag. The maximum length of a tag value is 256 characters. The minimum length is 0 characters. If you don't want a resource to have a specific tag value, don't specify a value for this parameter. If you don't specify a value, Amazon SES sets the value to an empty string.

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](#)

Template

An object that defines the email template to use for an email message, and the values to use for any message variables in that template. An *email template* is a type of message template that contains content that you want to reuse in email messages that you send. You can specify the email template by providing the name or ARN of an *email template* previously saved in your Amazon SES account or by providing the full template content.

Contents

Attachments

The List of attachments to include in your email. All recipients will receive the same attachments.

Type: Array of [Attachment](#) objects

Required: No

Headers

The list of message headers that will be added to the email message.

Type: Array of [MessageHeader](#) objects

Array Members: Minimum number of 0 items. Maximum number of 15 items.

Required: No

TemplateArn

The Amazon Resource Name (ARN) of the template.

Type: String

Length Constraints: Minimum length of 1.

Required: No

TemplateContent

The content of the template.

Note

Amazon SES supports only simple substitutions when you send email using the `SendEmail` or `SendBulkEmail` operations and you provide the full template content in the request.

Type: [EmailTemplateContent](#) object

Required: No

TemplateData

An object that defines the values to use for message variables in the template. This object is a set of key-value pairs. Each key defines a message variable in the template. The corresponding value defines the value to use for that variable.

Type: String

Length Constraints: Maximum length of 262144.

Required: No

TemplateName

The name of the template. You will refer to this name when you send email using the `SendEmail` or `SendBulkEmail` operations.

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](#)

Tenant

A structure that contains details about a tenant.

Contents

CreatedTimestamp

The date and time when the tenant was created.

Type: Timestamp

Required: No

SendingStatus

The status of sending capability for the tenant.

Type: String

Valid Values: ENABLED | REINSTATED | DISABLED

Required: No

SuppressionAttributes

An object that contains information about the suppression list preferences for the tenant.

Type: [TenantSuppressionAttributes](#) object

Required: No

Tags

An array of objects that define the tags (keys and values) associated with the tenant.

Type: Array of [Tag](#) objects

Required: No

TenantArn

The Amazon Resource Name (ARN) of the tenant.

Type: String

Length Constraints: Minimum length of 1.

Required: No

TenantId

A unique identifier for the tenant.

Type: String

Required: No

TenantName

The name of the tenant.

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](#)

TenantInfo

A structure that contains basic information about a tenant.

Contents

CreatedTimestamp

The date and time when the tenant was created.

Type: Timestamp

Required: No

TenantArn

The Amazon Resource Name (ARN) of the tenant.

Type: String

Length Constraints: Minimum length of 1.

Required: No

TenantId

A unique identifier for the tenant.

Type: String

Required: No

TenantName

The name of the tenant.

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](#)

TenantResource

A structure that contains information about a resource associated with a tenant.

Contents

ResourceArn

The Amazon Resource Name (ARN) of the resource associated with the tenant.

Type: String

Length Constraints: Minimum length of 1.

Required: No

ResourceType

The type of resource associated with the tenant. Valid values are EMAIL_IDENTITY, CONFIGURATION_SET, or EMAIL_TEMPLATE.

Type: String

Valid Values: EMAIL_IDENTITY | CONFIGURATION_SET | EMAIL_TEMPLATE

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](#)

TenantSuppressionAttributes

An object that contains the suppression list preferences for a tenant.

Contents

SuppressedReasons

A list that contains the reasons that email addresses are automatically added to the suppression list for the tenant. This list can contain any or all of the following:

- COMPLAINT – Amazon SES adds an email address to the suppression list when a message sent to that address results in a complaint.
- BOUNCE – Amazon SES adds an email address to the suppression list when a message sent to that address results in a hard bounce.

Type: Array of strings

Valid Values: BOUNCE | COMPLAINT

Required: No

SuppressionScope

The suppression scope for the tenant. Can be one of the following:

- TENANT – The tenant uses its own suppression list.
- ACCOUNT – The tenant uses the account-level suppression list.

Note

If you don't specify a suppression scope, the tenant defaults to ACCOUNT scope and uses the account-level suppression list.

Type: String

Valid Values: ACCOUNT | TENANT

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](#)

Topic

An interest group, theme, or label within a list. Lists can have multiple topics.

Contents

DefaultSubscriptionStatus

The default subscription status to be applied to a contact if the contact has not noted their preference for subscribing to a topic.

Type: String

Valid Values: OPT_IN | OPT_OUT

Required: Yes

DisplayName

The name of the topic the contact will see.

Type: String

Required: Yes

TopicName

The name of the topic.

Type: String

Required: Yes

Description

A description of what the topic is about, which the contact will see.

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](#)

TopicFilter

Used for filtering by a specific topic preference.

Contents

TopicName

The name of a topic on which you wish to apply the filter.

Type: String

Required: No

UseDefaultIfPreferenceUnavailable

Notes that the default subscription status should be applied to a contact because the contact has not noted their preference for subscribing to a topic.

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](#)

TopicPreference

The contact's preference for being opted-in to or opted-out of a topic.

Contents

SubscriptionStatus

The contact's subscription status to a topic which is either OPT_IN or OPT_OUT.

Type: String

Valid Values: OPT_IN | OPT_OUT

Required: Yes

TopicName

The name of the topic.

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](#)

TrackingOptions

An object that defines the tracking options for a configuration set. When you use the Amazon SES API v2 to send an email, it contains an invisible image that's used to track when recipients open your email. If your email contains links, those links are changed slightly in order to track when recipients click them.

These images and links include references to a domain operated by AWS. You can optionally configure the Amazon SES to use a domain that you operate for these images and links.

Contents

CustomRedirectDomain

The domain to use for tracking open and click events.

Type: String

Required: Yes

HttpsPolicy

The https policy to use for tracking open and click events.

Type: String

Valid Values: REQUIRE | REQUIRE_OPEN_ONLY | OPTIONAL

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](#)

VdmAttributes

The VDM attributes that apply to your Amazon SES account.

Contents

VdmEnabled

Specifies the status of your VDM configuration. Can be one of the following:

- **ENABLED** – Amazon SES enables VDM for your account.
- **DISABLED** – Amazon SES disables VDM for your account.

Type: String

Valid Values: **ENABLED** | **DISABLED**

Required: Yes

DashboardAttributes

Specifies additional settings for your VDM configuration as applicable to the Dashboard.

Type: [DashboardAttributes](#) object

Required: No

GuardianAttributes

Specifies additional settings for your VDM configuration as applicable to the Guardian.

Type: [GuardianAttributes](#) 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](#)

VdmOptions

An object that defines the VDM settings that apply to emails that you send using the configuration set.

Contents

DashboardOptions

Specifies additional settings for your VDM configuration as applicable to the Dashboard.

Type: [DashboardOptions](#) object

Required: No

GuardianOptions

Specifies additional settings for your VDM configuration as applicable to the Guardian.

Type: [GuardianOptions](#) 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](#)

VerificationInfo

An object that contains additional information about the verification status for the identity.

Contents

ErrorType

Provides the reason for the failure describing why Amazon SES was not able to successfully verify the identity. Below are the possible values:

- **INVALID_VALUE** – Amazon SES was able to find the record, but the value contained within the record was invalid. Ensure you have published the correct values for the record.
- **TYPE_NOT_FOUND** – The queried hostname exists but does not have the requested type of DNS record. Ensure that you have published the correct type of DNS record.
- **HOST_NOT_FOUND** – The queried hostname does not exist or was not reachable at the time of the request. Ensure that you have published the required DNS record(s).
- **SERVICE_ERROR** – A temporary issue is preventing Amazon SES from determining the verification status of the domain.
- **DNS_SERVER_ERROR** – The DNS server encountered an issue and was unable to complete the request.
- **REPLICATION_ACCESS_DENIED** – The verification failed because the user does not have the required permissions to replicate the DKIM key from the primary region. Ensure you have the necessary permissions in both primary and replica regions.
- **REPLICATION_PRIMARY_NOT_FOUND** – The verification failed because no corresponding identity was found in the specified primary region. Ensure the identity exists in the primary region before attempting replication.
- **REPLICATION_PRIMARY_BYO_DKIM_NOT_SUPPORTED** – The verification failed because the identity in the primary region is configured with Bring Your Own DKIM (BYODKIM). DKIM key replication is only supported for identities using Easy DKIM.
- **REPLICATION_REPLICA_AS_PRIMARY_NOT_SUPPORTED** – The verification failed because the specified primary identity is a replica of another identity, and multi-level replication is not supported; the primary identity must be a non-replica identity.
- **REPLICATION_PRIMARY_INVALID_REGION** – The verification failed due to an invalid primary region specified. Ensure you provide a valid AWS region where Amazon SES is available and different from the replica region.

Type: String

Valid Values: SERVICE_ERROR | DNS_SERVER_ERROR | HOST_NOT_FOUND |
TYPE_NOT_FOUND | INVALID_VALUE | REPLICATION_ACCESS_DENIED |
REPLICATION_PRIMARY_NOT_FOUND |
REPLICATION_PRIMARY_BYO_DKIM_NOT_SUPPORTED |
REPLICATION_REPLICA_AS_PRIMARY_NOT_SUPPORTED |
REPLICATION_PRIMARY_INVALID_REGION

Required: No

LastCheckedTimestamp

The last time a verification attempt was made for this identity.

Type: Timestamp

Required: No

LastSuccessTimestamp

The last time a successful verification was made for this identity.

Type: Timestamp

Required: No

SOARecord

An object that contains information about the start of authority (SOA) record associated with the identity.

Type: [SOARecord](#) 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](#)

VolumeStatistics

An object that contains information about the amount of email that was delivered to recipients.

Contents

InboxRawCount

The total number of emails that arrived in recipients' inboxes.

Type: Long

Required: No

ProjectedInbox

An estimate of the percentage of emails sent from the current domain that will arrive in recipients' inboxes.

Type: Long

Required: No

ProjectedSpam

An estimate of the percentage of emails sent from the current domain that will arrive in recipients' spam or junk mail folders.

Type: Long

Required: No

SpamRawCount

The total number of emails that arrived in recipients' spam or junk mail folders.

Type: Long

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