



API Reference

Amazon Chime



API Version 2018-05-01

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Amazon Chime: API Reference

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End of support notice: On February 20, 2026, AWS will end support for the Amazon Chime service. After February 20, 2026, you will no longer be able to access the Amazon Chime console or Amazon Chime application resources. For more information, visit the [blog post](#). **Note:** This does not impact the availability of the [Amazon Chime SDK service](#).

Welcome to the Amazon Chime API Reference

The Amazon Chime application programming interface (API) is designed for administrators to perform key tasks, such as creating and managing Amazon Chime accounts, users, and Voice Connectors. This guide provides detailed information about the Amazon Chime API, including operations, types, inputs and outputs, and error codes.

You can use an AWS SDK, the AWS Command Line Interface (AWS CLI), or the REST API to make API calls for Amazon Chime. We recommend using an AWS SDK or the AWS CLI. The page for each API action contains a *See Also* section that includes links to information about using the action with a language-specific AWS SDK or the AWS CLI.

Important

The Amazon Chime SDK Identity, Media Pipelines, Meetings, and Messaging APIs are now published on the new *Amazon Chime SDK API Reference*. For more information, see the [Amazon Chime SDK API Reference](#).

Using an AWS SDK

You don't need to write code to calculate a signature for request authentication. The SDK clients authenticate your requests by using access keys that you provide. For more information about AWS SDKs, see the [AWS Developer Center](#).

Using the AWS CLI

Use your access keys with the AWS CLI to make API calls. For information about setting up the AWS CLI, see [Installing the AWS Command Line Interface](#) in the *AWS Command Line Interface User Guide*. For a list of available Amazon Chime commands, see the [Amazon Chime commands](#) in the *AWS CLI Command Reference*.

Using REST APIs

If you use REST to make API calls, you must authenticate your request by providing a signature. Amazon Chime supports Signature Version 4. For more information, see [Signature Version 4 Signing Process](#) in the *Amazon Web Services General Reference*.

When making REST API calls, use the service name `chime` and REST endpoint `https://service.chime.aws.amazon.com`.

Administrative permissions are controlled using AWS Identity and Access Management (IAM). For more information, see [Identity and Access Management for Amazon Chime](#) in the *Amazon Chime Administration Guide*.

Actions

The following actions are supported:

- [AssociatePhoneNumberWithUser](#)
- [AssociateSigninDelegateGroupsWithAccount](#)
- [BatchCreateRoomMembership](#)
- [BatchDeletePhoneNumber](#)
- [BatchSuspendUser](#)
- [BatchUnsuspendUser](#)
- [BatchUpdatePhoneNumber](#)
- [BatchUpdateUser](#)
- [CreateAccount](#)
- [CreateBot](#)
- [CreateMeetingDialOut](#)
- [CreatePhoneNumberOrder](#)
- [CreateRoom](#)
- [CreateRoomMembership](#)
- [CreateUser](#)
- [DeleteAccount](#)
- [DeleteEventsConfiguration](#)
- [DeletePhoneNumber](#)
- [DeleteRoom](#)
- [DeleteRoomMembership](#)
- [DisassociatePhoneNumberFromUser](#)
- [DisassociateSigninDelegateGroupsFromAccount](#)
- [GetAccount](#)
- [GetAccountSettings](#)
- [GetBot](#)
- [GetEventsConfiguration](#)
- [GetGlobalSettings](#)

- [GetPhoneNumber](#)
- [GetPhoneNumberOrder](#)
- [GetPhoneNumberSettings](#)
- [GetRetentionSettings](#)
- [GetRoom](#)
- [GetUser](#)
- [GetUserSettings](#)
- [InviteUsers](#)
- [ListAccounts](#)
- [ListBots](#)
- [ListPhoneNumberOrders](#)
- [ListPhoneNumbers](#)
- [ListRoomMemberships](#)
- [ListRooms](#)
- [ListSupportedPhoneNumberCountries](#)
- [ListUsers](#)
- [LogoutUser](#)
- [PutEventsConfiguration](#)
- [PutRetentionSettings](#)
- [RedactConversationMessage](#)
- [RedactRoomMessage](#)
- [RegenerateSecurityToken](#)
- [ResetPersonalPIN](#)
- [RestorePhoneNumber](#)
- [SearchAvailablePhoneNumbers](#)
- [UpdateAccount](#)
- [UpdateAccountSettings](#)
- [UpdateBot](#)
- [UpdateGlobalSettings](#)
- [UpdatePhoneNumber](#)

- [UpdatePhoneNumberSettings](#)
- [UpdateRoom](#)
- [UpdateRoomMembership](#)
- [UpdateUser](#)
- [UpdateUserSettings](#)

AssociatePhoneNumberWithUser

Associates a phone number with the specified Amazon Chime user.

Request Syntax

```
POST /accounts/accountId/users/{userId}?operation=associate-phone-number HTTP/1.1  
Content-type: application/json
```

```
{  
  "E164PhoneNumber": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

[accountId](#)

The Amazon Chime account ID.

Required: Yes

[userId](#)

The user ID.

Required: Yes

Request Body

The request accepts the following data in JSON format.

[E164PhoneNumber](#)

The phone number, in E.164 format.

Type: String

Pattern: `^\+?[1-9]\d{1,14}$`

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](#).

AccessDeniedException

You don't have permissions to perform the requested operation.

HTTP Status Code: 403

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference* .

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example associates the specified phone number with the specified Amazon Chime user.

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45/users/1ab2345c-67de-8901-
f23g-45h678901j2k?operation=associate-phone-number HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.170
Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20190918T181244Z Authorization:
AUTHPARAMS Content-Length: 35 {"E164PhoneNumber": "+12065550100"}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: d70a1eae-c35a-4607-ac37-6e9a62f7c163 Content-Type: application/json Content-Length: 2 Date: Wed, 18 Sep 2019 18:12:45 GMT Connection: keep-alive {}
```

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](#)

AssociateSignInDelegateGroupsWithAccount

Associates the specified sign-in delegate groups with the specified Amazon Chime account.

Request Syntax

```
POST /accounts/{accountId}?operation=associate-signin-delegate-groups HTTP/1.1
Content-type: application/json
```

```
{
  "SignInDelegateGroups": [
    {
      "GroupName": "string"
    }
  ]
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

SignInDelegateGroups

The sign-in delegate groups.

Type: Array of [SignInDelegateGroup](#) 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 parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example associates the specified sign-in delegate group with the specified Amazon Chime account.

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45?operation=associate-signin-
delegate-groups HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity
User-Agent: aws-cli/1.17.0 Python/3.8.0 Windows/10 botocore/1.14.0 X-Amz-Date:
20200113T173245Z AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 7cf3751e-9371-47b2-8972-6d1dbbd9554b Content-Type:
application/json Content-Length: 2 Date: Mon, 13 Jan 2020 17:32:45 GMT Connection:
keep-alive {}
```

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](#)

BatchCreateRoomMembership

Adds up to 50 members to a chat room in an Amazon Chime Enterprise account. Members can be users or bots. The member role designates whether the member is a chat room administrator or a general chat room member.

Request Syntax

```
POST /accounts/accountId/rooms/roomId/memberships?operation=batch-create HTTP/1.1
```

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

```
{
  "MembershipItemList": [
    {
      "MemberId": "string",
      "Role": "string"
    }
  ]
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

roomId

The room ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

MembershipItemList

The list of membership items.

Type: Array of [MembershipItem](#) objects

Array Members: Maximum number of 50 items.

Required: Yes

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "Errors": [
    {
      "ErrorCode": "string",
      "ErrorMessage": "string",
      "MemberId": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

Errors

If the action fails for one or more of the member IDs in the request, a list of the member IDs is returned, along with error codes and error messages.

Type: Array of [MemberError](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example adds multiple users to the chat room as chat room members. It also assigns administrator and member roles to the users.

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45/rooms/
abcd1e2d-3e45-6789-01f2-3g45h67i890j/memberships?operation=batch-create HTTP/1.1
Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-
cli/1.16.293 Python/3.8.0 Windows/10 botocore/1.13.29 X-Amz-Date: 20191202T224658Z
Authorization: AUTHPARAMS Content-Length: 175 {"MembershipItemList": [{"MemberId":
"1ab2345c-67de-8901-f23g-45h678901j2k", "Role": "Administrator"}, {"MemberId":
"2ab2345c-67de-8901-f23g-45h678901j2k", "Role": "Member"}]}
```

Sample Response

```
HTTP/1.1 201 Created x-amzn-RequestId: 169ba401-d886-475f-8b3f-e01eac6fadfb Content-
Type: application/json Content-Length: 13 Date: Mon, 02 Dec 2019 22:46:58 GMT
Connection: keep-alive {"Errors":[]}
```

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](#)

BatchDeletePhoneNumber

Moves phone numbers into the **Deletion queue**. Phone numbers must be disassociated from any users or Amazon Chime Voice Connectors before they can be deleted.

Phone numbers remain in the **Deletion queue** for 7 days before they are deleted permanently.

Request Syntax

```
POST /phone-numbers?operation=batch-delete HTTP/1.1
Content-type: application/json

{
  "PhoneNumberIds": [ "string" ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

PhoneNumberIds

List of phone number IDs.

Type: Array of strings

Array Members: Minimum number of 1 item.

Required: Yes

Response Syntax

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

{
```

```
"PhoneNumberErrors": [  
  {  
    "ErrorCode": "string",  
    "ErrorMessage": "string",  
    "PhoneNumberId": "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.

PhoneNumberErrors

If the action fails for one or more of the phone numbers in the request, a list of the phone numbers is returned, along with error codes and error messages.

Type: Array of [PhoneNumberError](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example moves multiple phone numbers into the **Deletion queue** .

Sample Request

```
POST /phone-numbers?operation=batch-delete HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10
```

```
botocore/1.12.160 X-Amz-Date: 20190918T195348Z Authorization: AUTHPARAMS Content-
Length: 56 {"PhoneNumberIds": ["%2B12065550100", "%2B12065550101"]}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: f6ac5632-e71a-4755-997b-971c4dbff22c Content-Type:
application/json Content-Length: 24 Date: Wed, 18 Sep 2019 19:53:49 GMT Connection:
keep-alive {"PhoneNumberErrors": []}
```

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](#)

BatchSuspendUser

Suspends up to 50 users from a Team or EnterpriseLWA Amazon Chime account. For more information about different account types, see [Managing Your Amazon Chime Accounts](#) in the *Amazon Chime Administration Guide*.

Users suspended from a Team account are disassociated from the account, but they can continue to use Amazon Chime as free users. To remove the suspension from suspended Team account users, invite them to the Team account again. You can use the [InviteUsers](#) action to do so.

Users suspended from an EnterpriseLWA account are immediately signed out of Amazon Chime and can no longer sign in. To remove the suspension from suspended EnterpriseLWA account users, use the [BatchUnsuspendUser](#) action.

To sign out users without suspending them, use the [LogoutUser](#) action.

Request Syntax

```
POST /accounts/accountId/users?operation=suspend HTTP/1.1
Content-type: application/json

{
  "UserIdList": [ "string" ]
}
```

URI Request Parameters

The request uses the following URI parameters.

[accountId](#)

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

UserIdList

The request containing the user IDs to suspend.

Type: Array of strings

Array Members: Maximum number of 50 items.

Pattern: `.*\S.*`

Required: Yes

Response Syntax

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

{
  "UserErrors": [
    {
      "ErrorCode": "string",
      "ErrorMessage": "string",
      "UserId": "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.

UserErrors

If the [BatchSuspendUser](#) action fails for one or more of the user IDs in the request, a list of the user IDs is returned, along with error codes and error messages.

Type: Array of [UserError](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example suspends the listed users from the specified Amazon Chime account.

Sample Request

```
POST /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/users?operation=suspend
HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent:
aws-cli/1.16.83 Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T183005Z
Authorization: AUTHPARAMS Content-Length: 56 {"UserIdList": ["4ab2345c-67de-8901-
f23g-45h678901j2k"]}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 5343c54a-eeef-487a-8178-38afb05c33ef Content-Type:
application/json Content-Length: 146 Date: Tue, 08 Jan 2019 18:30:05 GMT Connection:
keep-alive {"UserErrors": [] }
```

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](#)

BatchUnsuspendUser

Removes the suspension from up to 50 previously suspended users for the specified Amazon Chime EnterpriseLWA account. Only users on EnterpriseLWA accounts can be unsuspended using this action. For more information about different account types, see [Managing Your Amazon Chime Accounts](#) in the account types, in the *Amazon Chime Administration Guide*.

Previously suspended users who are unsuspended using this action are returned to Registered status. Users who are not previously suspended are ignored.

Request Syntax

```
POST /accounts/accountId/users?operation=unsuspend HTTP/1.1
Content-type: application/json

{
  "UserIdList": [ "string" ]
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

UserIdList

The request containing the user IDs to unsuspend.

Type: Array of strings

Array Members: Maximum number of 50 items.

Pattern: `.*\S.*`

Required: Yes

Response Syntax

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

{
  "UserErrors": [
    {
      "ErrorCode": "string",
      "ErrorMessage": "string",
      "UserId": "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.

UserErrors

If the [BatchUnsuspendUser](#) action fails for one or more of the user IDs in the request, a list of the user IDs is returned, along with error codes and error messages.

Type: Array of [UserError](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to

AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example removes the previous suspension for the listed users on the specified Amazon Chime account.

Sample Request

```
POST /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/users?operation=unsuspend
HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent:
aws-cli/1.16.83 Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T220526Z
Authorization: AUTHPARAMS Content-Length: 96 {"UserIdList": ["1ab2345c-67de-8901-
f23g-45h678901j2k", "2ab2345c-67de-8901-f23g-45h678901j2k", "3ab2345c-67de-8901-
f23g-45h678901j2k"]}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: d97c7380-cb87-40ce-b4c3-c250999a92dc Content-Type:
application/json Content-Length: 17 Date: Tue, 08 Jan 2019 22:05:26 GMT Connection:
keep-alive {"UserErrors": [] }
```

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](#)

BatchUpdatePhoneNumber

Updates phone number product types or calling names. You can update one attribute at a time for each UpdatePhoneNumberRequestItem. For example, you can update the product type or the calling name.

For toll-free numbers, you cannot use the Amazon Chime Business Calling product type. For numbers outside the U.S., you must use the Amazon Chime SIP Media Application Dial-In product type.

Updates to outbound calling names can take up to 72 hours to complete. Pending updates to outbound calling names must be complete before you can request another update.

Request Syntax

```
POST /phone-numbers?operation=batch-update HTTP/1.1
Content-type: application/json
```

```
{
  "UpdatePhoneNumberRequestItems": [
    {
      "CallingName": "string",
      "PhoneNumberId": "string",
      "ProductType": "string"
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

UpdatePhoneNumberRequestItems

The request containing the phone number IDs and product types or calling names to update.

Type: Array of [UpdatePhoneNumberRequestItem](#) objects

Required: Yes

Response Syntax

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

{
  "PhoneNumberErrors": [
    {
      "ErrorCode": "string",
      "ErrorMessage": "string",
      "PhoneNumberId": "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.

PhoneNumberErrors

If the action fails for one or more of the phone numbers in the request, a list of the phone numbers is returned, along with error codes and error messages.

Type: Array of [PhoneNumberError](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when

you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example: Update Product Types

This example updates the product type for multiple phone numbers.

Sample Request

```
POST /phone-numbers?operation=batch-update HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10
botocore/1.12.160 X-Amz-Date: 20190918T195200Z Authorization: AUTHPARAMS Content-
Length: 177 {"UpdatePhoneNumberRequestItems": [{"PhoneNumberId": "%2B12065550100",
"ProductType": "BusinessCalling"}, {"PhoneNumberId": "%2B12065550101", "ProductType":
"Voice Connector"}]}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 78f4ee00-d8e0-4a13-b24e-147557576368 Content-Type:
application/json Content-Length: 24 Date: Wed, 18 Sep 2019 19:52:01 GMT Connection:
keep-alive {"PhoneNumberErrors":[]}
```

Example: Update Outbound Calling Names

This example updates the outbound calling name for multiple phone numbers.

Sample Request

```
POST /phone-numbers?operation=batch-update HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10
botocore/1.12.160 X-Amz-Date: 20191028T183405Z Authorization: AUTHPARAMS Content-
Length: 171 {"UpdatePhoneNumberRequestItems": [{"PhoneNumberId": "%2B12065550100",
"CallingName": "phonenumber1"}, {"PhoneNumberId": "%2B12065550101", "CallingName":
"phonenumber2"}]}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 32f678c1-21d2-43ab-ac8f-cd922c1ab42e Content-Type:
application/json Content-Length: 24 Date: Mon, 28 Oct 2019 18:34:05 GMT Connection:
keep-alive {"PhoneNumberErrors":[]}
```

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](#)

BatchUpdateUser

Updates user details within the [UpdateUserRequestItem](#) object for up to 20 users for the specified Amazon Chime account. Currently, only LicenseType updates are supported for this action.

Request Syntax

```
POST /accounts/accountId/users HTTP/1.1
Content-type: application/json

{
  "UpdateUserRequestItems": [
    {
      "AlexaForBusinessMetadata": {
        "AlexaForBusinessRoomArn": "string",
        "IsAlexaForBusinessEnabled": boolean
      },
      "LicenseType": "string",
      "UserId": "string",
      "UserType": "string"
    }
  ]
}
```

URI Request Parameters

The request uses the following URI parameters.

[accountId](#)

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

[UpdateUserRequestItems](#)

The request containing the user IDs and details to update.

Type: Array of [UpdateUserRequestItem](#) objects

Array Members: Maximum number of 20 items.

Required: Yes

Response Syntax

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

{
  "UserErrors": [
    {
      "ErrorCode": "string",
      "ErrorMessage": "string",
      "UserId": "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.

[UserErrors](#)

If the [BatchUpdateUser](#) action fails for one or more of the user IDs in the request, a list of the user IDs is returned, along with error codes and error messages.

Type: Array of [UserError](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example updates details for the listed users in the specified Amazon Chime account.

Sample Request

```
POST /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/users HTTP/1.1
Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-
cli/1.16.83 Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T215856Z
Authorization: AUTHPARAMS Content-Length: 180 {"UpdateUserRequestItems": [{"UserId":
"1ab2345c-67de-8901-f23g-45h678901j2k", "LicenseType": "Basic"}, {"UserId":
"2ab2345c-67de-8901-f23g-45h678901j2k", "LicenseType": "Basic"}]}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 035a3bcd-1a1f-4ccc-bf7f-d2c9027637d2 Content-Type:
application/json Content-Length: 17 Date: Tue, 08 Jan 2019 21:58:56 GMT Connection:
keep-alive {"UserErrors": [] }
```

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](#)

CreateAccount

Creates an Amazon Chime account under the administrator's AWS account. Only Team account types are currently supported for this action. For more information about different account types, see [Managing Your Amazon Chime Accounts](#) in the *Amazon Chime Administration Guide*.

Request Syntax

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

{
  "Name": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

Name

The name of the Amazon Chime account.

Type: String

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

Pattern: `.*\S.*`

Required: Yes

Response Syntax

```
HTTP/1.1 201
Content-type: application/json
```

```
{
  "Account": {
    "AccountId": "string",
    "AccountStatus": "string",
    "AccountType": "string",
    "AwsAccountId": "string",
    "CreatedTimestamp": "string",
    "DefaultLicense": "string",
    "Name": "string",
    "SigninDelegateGroups": [
      {
        "GroupName": "string"
      }
    ],
    "SupportedLicenses": [ "string" ]
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

Account

The Amazon Chime account details.

Type: [Account](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example creates a new Amazon Chime account under the administrator's AWS account.

Sample Request

```
POST /console/accounts HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding:
identity User-Agent: aws-cli/1.16.83 Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-
Date: 20190108T175917Z Authorization: AUTHPARAMS Content-Length: 17 {"Name": "example"}
```

Sample Response

```
HTTP/1.1 201 Created x-amzn-RequestId: d4f09103-9543-4ff9-b0a0-f1d4c6e2aec7
Content-Type: application/json Content-Length: 422 Date: Tue, 08 Jan
2019 17:59:18 GMT Connection: keep-alive {"Account": {"AccountId":
"12a3456b-7c89-012d-3456-78901e23fg45","AccountStatus": "Active","AccountType":
"Team","Admins": null,"AwsAccountId": "111122223333","BillingType":
"SeatBilling","CreatedTimestamp": "2019-01-08T17:59:18.006Z","DefaultLicense":
"Pro","DelegationStatus": "NoDelegation","DirectoryId": null,"Domains":
null,"Groups": [],"Name": "example","Owner": null,"SupportedLicenses": ["Basic",
"Pro"],"UseProTrialLicense": false} }
```

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](#)

CreateBot

Creates a bot for an Amazon Chime Enterprise account.

Request Syntax

```
POST /accounts/accountId/bots HTTP/1.1
Content-type: application/json

{
  "DisplayName": "string",
  "Domain": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

DisplayName

The bot display name.

Type: String

Required: Yes

Domain

The domain of the Amazon Chime Enterprise account.

Type: String

Pattern: .*\\S.*

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "Bot": {
    "BotEmail": "string",
    "BotId": "string",
    "BotType": "string",
    "CreatedTimestamp": "string",
    "Disabled": boolean,
    "DisplayName": "string",
    "SecurityToken": "string",
    "UpdatedTimestamp": "string",
    "UserId": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

Bot

The bot details.

Type: [Bot](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ResourceLimitExceededException

The request exceeds the resource limit.

HTTP Status Code: 400

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example creates a bot.

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45/bots HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.170
Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20190918T172439Z Authorization:
AUTHPARAMS Content-Length: 60 {"DisplayName": "myBot", "Domain": "example.com"}
```

Sample Response

```
HTTP/1.1 201 Created x-amzn-RequestId: 4c54e5bc-4ff5-4828-a222-59996acbc6ee
Content-Type: application/json Content-Length: 374 Date: Wed, 18 Sep
2019 17:24:39 GMT Connection: keep-alive {"Bot":{"BotEmail":"myBot-
chimebot@example.com", "BotId":"123abcd4-5ef6-789g-0h12-34j56789012k", "BotType":"ChatBot", "Creat
(Bot)", "SecurityToken":"wJalrXUtnFEMI/K7MDENG/
bPxRfiCYEXAMPLEKEY", "UpdatedTimestamp":"2019-09-18T17:24:39.534Z", "UserId":"123abcd4-5ef6-789g-
```

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](#)

CreateMeetingDialOut

Uses the join token and call metadata in a meeting request (From number, To number, and so forth) to initiate an outbound call to a public switched telephone network (PSTN) and join them into a Chime meeting. Also ensures that the From number belongs to the customer.

To play welcome audio or implement an interactive voice response (IVR), use the `CreateSipMediaApplicationCall` action with the corresponding SIP media application ID.

Important

This API is not available in a dedicated namespace.

Request Syntax

```
POST /meetings/meetingId/dial-outs HTTP/1.1
Content-type: application/json
```

```
{
  "FromPhoneNumber": "string",
  "JoinToken": "string",
  "ToPhoneNumber": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

meetingId

The Amazon Chime SDK meeting ID.

Pattern: `[a-fA-F0-9]{8}(?:-[a-fA-F0-9]{4}){3}-[a-fA-F0-9]{12}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

FromPhoneNumber

Phone number used as the caller ID when the remote party receives a call.

Type: String

Pattern: `^\+?[1-9]\d{1,14}$`

Required: Yes

JoinToken

Token used by the Amazon Chime SDK attendee. Call the [CreateAttendee](#) action to get a join token.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 2048.

Pattern: `^[a-zA-Z0-9+/$]`

Required: Yes

ToPhoneNumber

Phone number called when inviting someone to a meeting.

Type: String

Pattern: `^\+?[1-9]\d{1,14}$`

Required: Yes

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "TransactionId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

TransactionId

Unique ID that tracks API calls.

Type: String

Pattern: `[a-fA-F0-9]{8}(:|[a-fA-F0-9]{4}){3}-[a-fA-F0-9]{12}`

Errors

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

AccessDeniedException

You don't have permissions to perform the requested operation.

HTTP Status Code: 403

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

ResourceLimitExceededException

The request exceeds the resource limit.

HTTP Status Code: 400

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

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](#)

CreatePhoneNumberOrder

Creates an order for phone numbers to be provisioned. For toll-free numbers, you cannot use the Amazon Chime Business Calling product type. For numbers outside the U.S., you must use the Amazon Chime SIP Media Application Dial-In product type.

Request Syntax

```
POST /phone-number-orders HTTP/1.1
Content-type: application/json

{
  "E164PhoneNumbers": [ "string" ],
  "ProductType": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

E164PhoneNumbers

List of phone numbers, in E.164 format.

Type: Array of strings

Pattern: `^\+?[1-9]\d{1,14}$`

Required: Yes

ProductType

The phone number product type.

Type: String

Valid Values: `BusinessCalling` | `VoiceConnector` | `SipMediaApplicationDialIn`

Required: Yes

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "PhoneNumberOrder": {
    "CreatedTimestamp": "string",
    "OrderedPhoneNumbers": [
      {
        "E164PhoneNumber": "string",
        "Status": "string"
      }
    ],
    "PhoneNumberOrderId": "string",
    "ProductType": "string",
    "Status": "string",
    "UpdatedTimestamp": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

PhoneNumberOrder

The phone number order details.

Type: [PhoneNumberOrder](#) object

Errors

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

AccessDeniedException

You don't have permissions to perform the requested operation.

HTTP Status Code: 403

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

ResourceLimitExceededException

The request exceeds the resource limit.

HTTP Status Code: 400

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example creates an order for phone numbers to be provisioned.

Sample Request

```
POST /phone-number-orders HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding:
identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-
Date: 20190918T175735Z Authorization: AUTHPARAMS Content-Length: 88 {"ProductType":
"BusinessCalling", "E164PhoneNumbers": ["+12065550100", "+12065550101"]}
```

Sample Response

```
HTTP/1.1 201 Created x-amzn-RequestId: 7ac7b213-6e5d-4b2a-a142-ce9a7bb7e455
Content-Type: application/json Content-Length: 366 Date: Wed, 18
Sep 2019 17:57:43 GMT Connection: keep-alive {"PhoneNumberOrder":
{"CreatedTimestamp": "2019-09-18T17:57:36.280Z", "OrderedPhoneNumbers":
[{"E164PhoneNumber": "+12065550100", "Status": "Processing"},
{"E164PhoneNumber": "+12065550101", "Status": "Processing"}], "PhoneNumberOrderId": "abc12345-
de67-89f0-123g-
h45i678j9012", "ProductType": "BusinessCalling", "Status": "Processing", "UpdatedTimestamp": "2019-09-18T17:57:43.280Z"}}
```

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](#)

CreateRoom

Creates a chat room for the specified Amazon Chime Enterprise account.

Request Syntax

```
POST /accounts/accountId/rooms HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "Name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

ClientRequestToken

The idempotency token for the request.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 64.

Pattern: `[-_a-zA-Z0-9]*`

Required: No

Name

The room name.

Type: String

Required: Yes

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "Room": {
    "AccountId": "string",
    "CreatedBy": "string",
    "CreatedTimestamp": "string",
    "Name": "string",
    "RoomId": "string",
    "UpdatedTimestamp": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

Room

The room details.

Type: [Room](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ResourceLimitExceededException

The request exceeds the resource limit.

HTTP Status Code: 400

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

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](#)

CreateRoomMembership

Adds a member to a chat room in an Amazon Chime Enterprise account. A member can be either a user or a bot. The member role designates whether the member is a chat room administrator or a general chat room member.

Request Syntax

```
POST /accounts/accountId/rooms/roomId/memberships HTTP/1.1
```

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

```
{  
  "MemberId": "string",  
  "Role": "string"  
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

roomId

The room ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

MemberId

The Amazon Chime member ID (user ID or bot ID).

Type: String

Pattern: `.*\S.*`

Required: Yes

Role

The role of the member.

Type: String

Valid Values: Administrator | Member

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "RoomMembership": {
    "InvitedBy": "string",
    "Member": {
      "AccountId": "string",
      "Email": "string",
      "FullName": "string",
      "MemberId": "string",
      "MemberType": "string"
    },
    "Role": "string",
    "RoomId": "string",
    "UpdatedTimestamp": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

RoomMembership

The room membership details.

Type: [RoomMembership](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ConflictException

The request could not be processed because of conflict in the current state of the resource.

HTTP Status Code: 409

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ResourceLimitExceededException

The request exceeds the resource limit.

HTTP Status Code: 400

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example adds the specified user to the chat room as a chat room member.

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45/rooms/
abcd1e2d-3e45-6789-01f2-3g45h67i890j/memberships HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.293
Python/3.8.0 Windows/10 botocore/1.13.29 X-Amz-Date: 20191202T223641Z Authorization:
AUTHPARAMS Content-Length: 52 {"MemberId": "1ab2345c-67de-8901-f23g-45h678901j2k"}
```

Sample Response

```
HTTP/1.1 201 Created x-amzn-RequestId: 899d868f-767e-45f7-b516-7066985c96ff
Content-Type: application/json Content-Length: 381 Date: Mon, 02
Dec 2019 22:36:42 GMT Connection: keep-alive {"RoomMembership":
{"InvitedBy":"arn:aws:iam::11112223333:user/alejandro","Member":
{"AccountId":"12a3456b-7c89-012d-3456-78901e23fg45","Email":"janed@example.com","FullName":"Jan
Doe","MemberId":"1ab2345c-67de-8901-
f23g-45h678901j2k","MemberType":"User"},"Role":"Member","RoomId":"abcd1e2d-3e45-6789-01f2-3g45h
```

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](#)

CreateUser

Creates a user under the specified Amazon Chime account.

Request Syntax

```
POST /accounts/accountId/users?operation=create HTTP/1.1
Content-type: application/json
```

```
{
  "Email": "string",
  "Username": "string",
  "UserType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

Email

The user's email address.

Type: String

Pattern: `.*@.*\..*`

Required: No

Username

The user name.

Type: String

Required: No

UserType

The user type.

Type: String

Valid Values: PrivateUser | SharedDevice

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "User": {
    "AccountId": "string",
    "AlexaForBusinessMetadata": {
      "AlexaForBusinessRoomArn": "string",
      "IsAlexaForBusinessEnabled": boolean
    },
    "DisplayName": "string",
    "InvitedOn": "string",
    "LicenseType": "string",
    "PersonalPIN": "string",
    "PrimaryEmail": "string",
    "PrimaryProvisionedNumber": "string",
    "RegisteredOn": "string",
    "UserId": "string",
    "UserInvitationStatus": "string",
    "UserRegistrationStatus": "string",
    "UserType": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

User

The user on the Amazon Chime account.

Type: [User](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ConflictException

The request could not be processed because of conflict in the current state of the resource.

HTTP Status Code: 409

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example creates a shared device profile for the specified email address.

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45/users?operation=create HTTP/1.1
Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-
cli/1.17.3 Python/3.8.0 Windows/10 botocore/1.14.3 X-Amz-Date: 20200115T223809Z
AUTHPARAMS {"Email": "roomdevice@example.com", "UserType": "SharedDevice"}
```

Sample Response

```
HTTP/1.1 201 Created x-amzn-RequestId: 4225c49a-307a-413b-
bc8f-37bb145c1483 Content-Type: application/json Content-Length: 664
Date: Wed, 15 Jan 2020 22:38:09 GMT Connection: keep-alive {"User":
{"AccountId":"12a3456b-7c89-012d-3456-78901e23fg45","AlexaForBusinessMetadata":
{"AlexaForBusinessRoomArn":null,"IsAlexaForBusinessEnabled":false},"Delegates":null,"Devices":n
device","EmailAlias":[],"FullName":"Room
Device","InvitedOn":null,"IsProTrial":false,"LastActiveOn":null,"LicenseType":"Pro","PersonalP
f23g-45h678901j2k","UserInvitationStatus":null,"UserLocale":null,"UserRegistrationStatus":"Regi
```

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](#)

DeleteAccount

Deletes the specified Amazon Chime account. You must suspend all users before deleting Team account. You can use the [BatchSuspendUser](#) action to do so.

For EnterpriseLWA and EnterpriseAD accounts, you must release the claimed domains for your Amazon Chime account before deletion. As soon as you release the domain, all users under that account are suspended.

Deleted accounts appear in your Disabled accounts list for 90 days. To restore deleted account from your Disabled accounts list, you must contact AWS Support.

After 90 days, deleted accounts are permanently removed from your Disabled accounts list.

Request Syntax

```
DELETE /accounts/accountId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

UnprocessableEntityException

The request was well-formed but was unable to be followed due to semantic errors.

HTTP Status Code: 422

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example deletes the specified account.

Sample Request

```
DELETE /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45 HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.83
Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T180112Z Authorization:
AUTHPARAMS Content-Length: 0
```

Sample Response

```
HTTP/1.1 204 No Content x-amzn-RequestId: ac41c46f-e26f-4cc1-a9cf-c6056e743647 Content-
Type: application/json Date: Tue, 08 Jan 2019 18:01:13 GMT Connection: keep-alive
```

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](#)

DeleteEventsConfiguration

Deletes the events configuration that allows a bot to receive outgoing events.

Request Syntax

```
DELETE /accounts/accountId/bots/botId/events-configuration HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

botId

The bot ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

ResourceLimitExceededException

The request exceeds the resource limit.

HTTP Status Code: 400

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

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](#)

DeletePhoneNumber

Moves the specified phone number into the **Deletion queue**. A phone number must be disassociated from any users or Amazon Chime Voice Connectors before it can be deleted.

Deleted phone numbers remain in the **Deletion queue** for 7 days before they are deleted permanently.

Request Syntax

```
DELETE /phone-numbers/phoneNumberId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

phoneNumberId

The phone number ID.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents (AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example moves the specified phone number into the **Deletion queue**.

Sample Request

```
DELETE /phone-numbers/%2B12065550100 HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10
botocore/1.12.160 X-Amz-Date: 20190918T182415Z Authorization: AUTHPARAMS Content-
Length: 0
```

Sample Response

```
HTTP/1.1 204 No Content x-amzn-RequestId: 9b914fc0-4d11-4194-81be-17601c896259 Content-
Type: application/json Date: Wed, 18 Sep 2019 18:24:16 GMT Connection: keep-alive
```

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](#)

DeleteRoom

Deletes a chat room in an Amazon Chime Enterprise account.

Request Syntax

```
DELETE /accounts/accountId/rooms/roomId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

roomId

The chat room ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example deletes the specified chat room and removes the chat room memberships.

Sample Request

```
DELETE /accounts/12a3456b-7c89-012d-3456-78901e23fg45/rooms/
abcd1e2d-3e45-6789-01f2-3g45h67i890j HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.293 Python/3.8.0 Windows/10
botocore/1.13.29 X-Amz-Date: 20191202T225016Z Authorization: AUTHPARAMS Content-
Length: 0
```

Sample Response

```
HTTP/1.1 204 No Content x-amzn-RequestId: bb7b039d-e94d-4390-803a-da3ef32c85c5 Content-
Type: application/json Date: Mon, 02 Dec 2019 22:50:16 GMT Connection: keep-alive
```

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](#)

DeleteRoomMembership

Removes a member from a chat room in an Amazon Chime Enterprise account.

Request Syntax

```
DELETE /accounts/accountId/rooms/roomId/memberships/memberId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

memberId

The member ID (user ID or bot ID).

Pattern: `.*\S.*`

Required: Yes

roomId

The room ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example removes the specified member from the specified chat room.

Sample Request

```
DELETE /accounts/12a3456b-7c89-012d-3456-78901e23fg45/rooms/
abcd1e2d-3e45-6789-01f2-3g45h67i890j/memberships/1ab2345c-67de-8901-f23g-45h678901j2k
HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent:
aws-cli/1.16.293 Python/3.8.0 Windows/10 botocore/1.13.29 X-Amz-Date: 20191202T224215Z
Authorization: AUTHPARAMS Content-Length: 0
```

Sample Response

```
HTTP/1.1 204 No Content x-amzn-RequestId: ef9a1046-4fe3-4014-b27b-eef82fb23878 Content-
Type: application/json Date: Mon, 02 Dec 2019 22:42:15 GMT Connection: keep-alive
```

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](#)

DisassociatePhoneNumberFromUser

Disassociates the primary provisioned phone number from the specified Amazon Chime user.

Request Syntax

```
POST /accounts/accountId/users/{userId}?operation=disassociate-phone-number HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Required: Yes

userId

The user ID.

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 parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example disassociates the primary provisioned phone number from the specified Amazon Chime user.

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45/users/1ab2345c-67de-8901-f23g-45h678901j2k?operation=disassociate-phone-number HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20190918T181957Z Authorization: AUTHPARAMS Content-Length: 0
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 91c771a6-5816-4a6a-95aa-2c3ba9d36862 Content-Type: application/json Content-Length: 2 Date: Wed, 18 Sep 2019 18:19:57 GMT Connection: keep-alive {}
```

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](#)

DisassociateSigninDelegateGroupsFromAccount

Disassociates the specified sign-in delegate groups from the specified Amazon Chime account.

Request Syntax

```
POST /accounts/{accountId}?operation=disassociate-signin-delegate-groups HTTP/1.1
Content-type: application/json

{
  "GroupNames": [ "string" ]
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

GroupNames

The sign-in delegate group names.

Type: Array of strings

Array Members: Minimum number of 1 item.

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 parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example disassociates the specified sign-in delegate group from the specified Amazon Chime account.

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45?operation=disassociate-signin-
delegate-groups HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity
User-Agent: aws-cli/1.17.0 Python/3.8.0 Windows/10 botocore/1.14.0 X-Amz-Date:
20200113T173832Z AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 53abc648-2d5a-4e21-b077-39099183a769 Content-Type:
application/json Content-Length: 2 Date: Mon, 13 Jan 2020 17:38:32 GMT Connection:
keep-alive {}
```

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

Retrieves details for the specified Amazon Chime account, such as account type and supported licenses.

Request Syntax

```
GET /accounts/accountId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Account": {
    "AccountId": "string",
    "AccountStatus": "string",
    "AccountType": "string",
    "AwsAccountId": "string",
    "CreatedTimestamp": "string",
    "DefaultLicense": "string",
    "Name": "string",
    "SigninDelegateGroups": [
```

```
    {  
      "GroupName": "string"  
    },  
    "SupportedLicenses": [ "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.

Account

The Amazon Chime account details.

Type: [Account](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example retrieves details for the specified Amazon Chime account.

Sample Request

```
GET /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45 HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.83
Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T180420Z Authorization:
AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: bd51dac3-b142-405c-ab02-c9d0373ca476
Content-Type: application/json Content-Length: 544 Date: Tue, 08 Jan
2019 18:04:20 GMT Connection: keep-alive {"Account": {"AccountId":
"12a3456b-7c89-012d-3456-78901e23fg45","AccountStatus": "Active","AccountType":
"EnterpriseDirectory","Admins": null,"AwsAccountId": "111122223333","BillingType":
"SeatBilling","CreatedTimestamp": "2018-12-20T18:38:02.181Z","DefaultLicense":
"Pro","DelegationStatus": "NoDelegation","DirectoryId": "d-906717dc08","Domains":
null,"Groups": [{"GroupId": "basic_users","License": "Basic"}, {"GroupId":
"pro_users","License": "Pro"}],"Name": "EnterpriseDirectory","Owner":
null,"SupportedLicenses": ["Basic", "Pro"],"UseProTrialLicense": false} }
```

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](#)

GetAccountSettings

Retrieves account settings for the specified Amazon Chime account ID, such as remote control and dialout settings. For more information about these settings, see [Use the Policies Page](#) in the *Amazon Chime Administration Guide*.

Request Syntax

```
GET /accounts/accountId/settings HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "AccountSettings": {
    "DisableRemoteControl": boolean,
    "EnableDialOut": 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.

AccountSettings

The Amazon Chime account settings.

Type: [AccountSettings](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example retrieves account settings for the specified account.

Sample Request

```
GET /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/settings HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.83
Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T180532Z Authorization:
AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 109d8cac-ab8b-4bf2-9254-c078ba2d9534 Content-Type:
application/json Content-Length: 117 Date: Tue, 08 Jan 2019 18:05:33 GMT Connection:
keep-alive {"AccountSettings": {"DisableRemoteControl": false,"EnableDialOut":
false} }
```

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](#)

GetBot

Retrieves details for the specified bot, such as bot email address, bot type, status, and display name.

Request Syntax

```
GET /accounts/accountId/bots/botId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

botId

The bot ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Bot": {
    "BotEmail": "string",
```

```
"BotId": "string",  
"BotType": "string",  
"CreatedTimestamp": "string",  
"Disabled": boolean,  
"DisplayName": "string",  
"SecurityToken": "string",  
"UpdatedTimestamp": "string",  
"UserId": "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.

Bot

The chat bot details.

Type: [Bot](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example retrieves details for the specified bot.

Sample Request

```
GET /accounts/12a3456b-7c89-012d-3456-78901e23fg45/  
bots/123abcd4-5ef6-789g-0h12-34j56789012k HTTP/1.1 Host: service.chime.aws.amazon.com
```

```
Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10
botocore/1.12.160 X-Amz-Date: 20190918T172527Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 4231cfc1-ddd0-42a3-bb25-02aef731f367
Content-Type: application/json Content-Length: 374 Date: Wed, 18 Sep
2019 17:25:27 GMT Connection: keep-alive {"Bot":{"BotEmail":"myBot-
chimebot@example.com","BotId":"123abcd4-5ef6-789g-0h12-34j56789012k","BotType":"ChatBot","Creat
(Bot)","SecurityToken":"wJalrXUtnFEMI/K7MDENG/
bPxRfiCYEXAMPLEKEY","UpdatedTimestamp":"2019-09-18T17:24:39.534Z","UserId":"123abcd4-5ef6-789g-
```

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](#)

GetEventsConfiguration

Gets details for an events configuration that allows a bot to receive outgoing events, such as an HTTPS endpoint or Lambda function ARN.

Request Syntax

```
GET /accounts/accountId/bots/botId/events-configuration HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

botId

The bot ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "EventsConfiguration": {
    "BotId": "string",
```

```
    "LambdaFunctionArn": "string",  
    "OutboundEventsHTTPSEndpoint": "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.

[EventsConfiguration](#)

The events configuration details.

Type: [EventsConfiguration](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ResourceLimitExceededException

The request exceeds the resource limit.

HTTP Status Code: 400

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

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](#)

GetGlobalSettings

Retrieves global settings for the administrator's AWS account, such as Amazon Chime Business Calling and Amazon Chime Voice Connector settings.

Request Syntax

```
GET /settings 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

{
  "BusinessCalling": {
    "CdrBucket": "string"
  },
  "VoiceConnector": {
    "CdrBucket": "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.

BusinessCalling

The Amazon Chime Business Calling settings.

Type: [BusinessCallingSettings](#) object

[VoiceConnector](#)

The Amazon Chime Voice Connector settings.

Type: [VoiceConnectorSettings](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example retrieves the global settings for the administrator's AWS account.

Sample Request

```
GET /settings HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity
User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date:
20190918T194823Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: e92df7ba-fdb6-4125-91cd-b5991558366b Content-
Type: application/json Content-Length: 104 Date: Wed, 18 Sep 2019 19:48:24 GMT
Connection: keep-alive {"BusinessCalling":{"CdrBucket":"s3bucket"},"Voice Connector":
{"CdrBucket":"s3bucket"}}
```

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](#)

GetPhoneNumber

Retrieves details for the specified phone number ID, such as associations, capabilities, and product type.

Request Syntax

```
GET /phone-numbers/phoneNumberId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

phoneNumberId

The phone number ID.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "PhoneNumber": {
    "Associations": [
      {
        "AssociatedTimestamp": "string",
        "Name": "string",
        "Value": "string"
      }
    ],
    "CallingName": "string",
    "CallingNameStatus": "string",
    "Capabilities": {
      "InboundCall": boolean,
```

```
    "InboundMMS": boolean,
    "InboundSMS": boolean,
    "OutboundCall": boolean,
    "OutboundMMS": boolean,
    "OutboundSMS": boolean
  },
  "Country": "string",
  "CreatedTimestamp": "string",
  "DeletionTimestamp": "string",
  "E164PhoneNumber": "string",
  "PhoneNumberId": "string",
  "ProductType": "string",
  "Status": "string",
  "Type": "string",
  "UpdatedTimestamp": "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.

PhoneNumber

The phone number details.

Type: [PhoneNumber](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example retrieves details for the specified phone number ID.

Sample Request

```
GET /phone-numbers/%2B12065550100 HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10
botocore/1.12.160 X-Amz-Date: 20191028T184310Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 4105c588-140d-4904-a0ed-80be2157ebcf
Content-Type: application/json Content-Length: 581 Date: Mon, 28 Oct
2019 18:43:10 GMT Connection: keep-alive {"PhoneNumber":{"Associations":
[{"AssociatedTimestamp":"2019-10-28T18:40:37.453Z", "Name":"VoiceConnectorId", "Value":"abcdef1gh
{"InboundCall":true, "InboundMMS":true, "InboundSMS":true, "OutboundCall":true, "OutboundMMS":true,
Connector", "Status":"Assigned", "Type":"Local", "UpdatedTimestamp":"2019-10-28T18:42:07.964Z"}]}
```

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](#)

GetPhoneNumberOrder

Retrieves details for the specified phone number order, such as the order creation timestamp, phone numbers in E.164 format, product type, and order status.

Request Syntax

```
GET /phone-number-orders/phoneNumberOrderId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

phoneNumberOrderId

The ID for the phone number order.

Pattern: `[a-zA-F0-9]{8}(?:-[a-zA-F0-9]{4}){3}-[a-zA-F0-9]{12}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "PhoneNumberOrder": {
    "CreatedTimestamp": "string",
    "OrderedPhoneNumbers": [
      {
        "E164PhoneNumber": "string",
        "Status": "string"
      }
    ],
    "PhoneNumberOrderId": "string",
```

```
"ProductType": "string",  
"Status": "string",  
"UpdatedTimestamp": "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.

PhoneNumberOrder

The phone number order details.

Type: [PhoneNumberOrder](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example retrieves details for the specified phone number order.

Sample Request

```
GET /phone-number-orders/abc12345-de67-89f0-123g-h45i678j9012 HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.170
Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20190918T175948Z Authorization:
AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 2cac62a6-cdda-43fe-9053-d11f85cbc7e9
Content-Type: application/json Content-Length: 362 Date: Wed, 18
Sep 2019 17:59:49 GMT Connection: keep-alive {"PhoneNumberOrder":
{"CreatedTimestamp":"2019-09-18T17:57:36.280Z","OrderedPhoneNumbers":
[{"E164PhoneNumber":"+12065550100","Status":"Acquired"},
{"E164PhoneNumber":"+12065550101","Status":"Acquired"}],"PhoneNumberOrderId":"abc12345-
de67-89f0-123g-
h45i678j9012","ProductType":"BusinessCalling","Status":"Successful","UpdatedTimestamp":"2019-09
```

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](#)

GetPhoneNumberSettings

Retrieves the phone number settings for the administrator's AWS account, such as the default outbound calling name.

Request Syntax

```
GET /settings/phone-number 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

{
  "CallingName": "string",
  "CallingNameUpdatedTimestamp": "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.

[CallingName](#)

The default outbound calling name for the account.

Type: String

Pattern: `^$|^[a-zA-Z0-9]{2,15}$`

CallingNameUpdatedTimestamp

The updated outbound calling name timestamp, in ISO 8601 format.

Type: Timestamp

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example retrieves the phone number settings for the administrator's AWS account.

Sample Request

```
GET /settings/phone-number HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding:
identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-
Date: 20191028T185743Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 34cb347e-cc3f-440c-a78f-
b7e128207e75 Content-Type: application/json Content-Length: 81
Date: Mon, 28 Oct 2019 18:57:43 GMT Connection: keep-alive
{"CallingName": "myName", "CallingNameUpdatedTimestamp": "2019-10-28T18:56:42.911Z"}
```

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](#)

GetRetentionSettings

Gets the retention settings for the specified Amazon Chime Enterprise account. For more information about retention settings, see [Managing Chat Retention Policies](#) in the *Amazon Chime Administration Guide*.

Request Syntax

```
GET /accounts/accountId/retention-settings HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "InitiateDeletionTimestamp": "string",
  "RetentionSettings": {
    "ConversationRetentionSettings": {
      "RetentionDays": number
    },
    "RoomRetentionSettings": {
      "RetentionDays": 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.

InitiateDeletionTimestamp

The timestamp representing the time at which the specified items are permanently deleted, in ISO 8601 format.

Type: Timestamp

RetentionSettings

The retention settings.

Type: RetentionSettings object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

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](#)

GetRoom

Retrieves room details, such as the room name, for a room in an Amazon Chime Enterprise account.

Request Syntax

```
GET /accounts/accountId/rooms/roomId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

roomId

The room ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Room": {
    "AccountId": "string",
    "CreatedBy": "string",
```

```
"CreatedTimestamp": "string",  
"Name": "string",  
"RoomId": "string",  
"UpdatedTimestamp": "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.

Room

The room details.

Type: [Room](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example gets the details about the specified chat room, including the name.

Sample Request

```
GET /accounts/12a3456b-7c89-012d-3456-78901e23fg45/rooms/
abcd1e2d-3e45-6789-01f2-3g45h67i890j HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.293 Python/3.8.0 Windows/10
botocore/1.13.29 X-Amz-Date: 20191202T223145Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 6b2786c6-e616-4e0d-a991-
f635fa827583 Content-Type: application/json Content-Length: 273
  Date: Mon, 02 Dec 2019 22:31:45 GMT Connection: keep-alive {"Room":
{"AccountId":"12a3456b-7c89-012d-3456-78901e23fg45","CreatedBy":"arn:aws:iam::111122223333:user
alejandro","CreatedTimestamp":"2019-12-02T22:29:31.549Z","Name":"chatRoom","RoomId":"abcd1e2d-3
```

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](#)

GetUser

Retrieves details for the specified user ID, such as primary email address, license type, and personal meeting PIN.

To retrieve user details with an email address instead of a user ID, use the [ListUsers](#) action, and then filter by email address.

Request Syntax

```
GET /accounts/accountId/users/userId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

userId

The user ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "User": {
    "AccountId": "string",
    "AlexaForBusinessMetadatas": {
      "AlexaForBusinessRoomArn": "string",
      "IsAlexaForBusinessEnabled": boolean
    },
    "DisplayName": "string",
    "InvitedOn": "string",
    "LicenseType": "string",
    "PersonalPIN": "string",
    "PrimaryEmail": "string",
    "PrimaryProvisionedNumber": "string",
    "RegisteredOn": "string",
    "UserId": "string",
    "UserInvitationStatus": "string",
    "UserRegistrationStatus": "string",
    "UserType": "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.

User

The user details.

Type: [User](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when

you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example lists details for the specified user.

Sample Request

```
GET /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/users/1ab2345c-67de-8901-f23g-45h678901j2k HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.83 Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T180643Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 6d2ef025-d8a7-42f4-8170-84cb09b70d3d Content-Type: application/json Content-Length: 562 Date: Tue, 08 Jan 2019 18:06:43 GMT Connection: keep-alive {"User": {"AccountId": "12a3456b-7c89-012d-3456-78901e23fg45", "Delegates": null, "Devices": null, "DisplayName": "user1", "EmailAlias": [], "FullName": "user1", "InvitedOn": null, "IsProTrial": false, "LastActiveOn": null, "LicenseType": "Pro", "PersonalPIN": "XXXXXXXXXX", "PresenceVisibility": "Public", "PrimaryEmail": "user1@example.com", "PrimaryProvisionedNumber": null, "RegisteredOn": "2018-12-20T18:45:25.231Z", "UserId": "1ab2345c-67de-8901-f23g-45h678901j2k", "UserInvitationStatus": null, "UserLocale": null, "UserRegistrationStatus": "Registered", "Vanity": null} }
```

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](#)

GetUserSettings

Retrieves settings for the specified user ID, such as any associated phone number settings.

Request Syntax

```
GET /accounts/accountId/users/userId/settings HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Required: Yes

userId

The user ID.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "UserSettings": {
    "Telephony": {
      "InboundCalling": boolean,
      "OutboundCalling": boolean,
      "SMS": 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.

UserSettings

The user settings.

Type: [UserSettings](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example retrieves settings for the specified user ID.

Sample Request

```
GET /accounts/12a3456b-7c89-012d-3456-78901e23fg45/users/1ab2345c-67de-8901-f23g-45h678901j2k/settings HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20190918T181628Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 5ee5b029-f523-4c32-94bd-20c1cfb03815 Content-Type: application/json Content-Length: 91 Date: Wed, 18 Sep
```

```
2019 18:16:28 GMT Connection: keep-alive {"UserSettings":{"Telephony":
{"InboundCalling":true,"OutboundCalling":true,"SMS":true}}}
```

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](#)

InviteUsers

Sends email to a maximum of 50 users, inviting them to the specified Amazon Chime Team account. Only Team account types are currently supported for this action.

Request Syntax

```
POST /accounts/accountId/users?operation=add HTTP/1.1
Content-type: application/json

{
  "UserEmailList": [ "string" ],
  "UserType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

UserEmailList

The user email addresses to which to send the email invitation.

Type: Array of strings

Array Members: Maximum number of 50 items.

Pattern: `.*@.*\..*`

Required: Yes

UserType

The user type.

Type: String

Valid Values: PrivateUser | SharedDevice

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "Invites": [
    {
      "EmailAddress": "string",
      "EmailStatus": "string",
      "InviteId": "string",
      "Status": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

Invites

The email invitation details.

Type: Array of [Invite](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example sends an email to invite users to the specified account.

Sample Request

```
POST /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/users?operation=add
HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent:
aws-cli/1.16.83 Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T180827Z
Authorization: AUTHPARAMS Content-Length: 46 {"UserEmailList": ["user1@example.com",
"user2@example.com"]}
```

Sample Response

```
HTTP/1.1 201 Created x-amzn-RequestId: e1b2ea98-2934-400d-a5f1-
f68d74658ea6 Content-Type: application/json Content-Length: 204 Date:
Tue, 08 Jan 2019 18:08:27 GMT Connection: keep-alive {"Invites":
[{"EmailAddress": "user1@example.com","EmailStatus": "Sent","InviteId":
"a12bc345-6def-78g9-01h2-34jk56789012","Status": "Pending",}
{"EmailAddress": "user2@example.com","EmailStatus": "Sent","InviteId":
"b12bc345-6def-78g9-01h2-34jk56789012","Status": "Pending",}] }
```

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](#)

ListAccounts

Lists the Amazon Chime accounts under the administrator's AWS account. You can filter accounts by account name prefix. To find out which Amazon Chime account a user belongs to, you can filter by the user's email address, which returns one account result.

Request Syntax

```
GET /accounts?max-results=MaxResults&name=Name&next-token=NextToken&user-email=UserEmail HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return in a single call. Defaults to 100.

Valid Range: Minimum value of 1. Maximum value of 200.

Name

Amazon Chime account name prefix with which to filter results.

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

Pattern: `.*\S.*`

NextToken

The token to use to retrieve the next page of results.

UserEmail

User email address with which to filter results.

Pattern: `.+@.\.+`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Accounts": [
    {
      "AccountId": "string",
      "AccountStatus": "string",
      "AccountType": "string",
      "AwsAccountId": "string",
      "CreatedTimestamp": "string",
      "DefaultLicense": "string",
      "Name": "string",
      "SigninDelegateGroups": [
        {
          "GroupName": "string"
        }
      ],
      "SupportedLicenses": [ "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.

Accounts

List of Amazon Chime accounts and account details.

Type: Array of [Account](#) objects

NextToken

The token to use to retrieve the next page of results.

Type: String

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example lists the Amazon Chime accounts under the administrator's AWS account.

Sample Request

```
GET /console/accounts HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding:
identity User-Agent: aws-cli/1.16.83 Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-
Date: 20190108T175510Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 304c0ad6-f7cd-4541-a0dd-b82560062979
Content-Type: application/json Content-Length: 2218 Date: Tue, 08 Jan
2019 17:55:10 GMT Connection: keep-alive {"Accounts": [{"AccountId":
"12a3456b-7c89-012d-3456-78901e23fg45", "AccountStatus": "Active", "AccountType":
"EnterpriseDirectory", "Admins": null, "AwsAccountId": "111122223333", "BillingType":
"SeatBilling", "CreatedTimestamp": "2018-12-20T18:38:02.181Z", "DefaultLicense":
"Pro", "DelegationStatus": "NoDelegation", "DirectoryId": "d-906717dc08", "Domains":
null, "Groups": [{"GroupId": "basic_users", "License": "Basic"},
{"GroupId": "pro_users", "License": "Pro"}], "Name": "Example1", "Owner":
null, "SupportedLicenses": ["Basic", "Pro"], "UseProTrialLicense": false}, {"AccountId":
"22a3456b-7c89-012d-3456-78901e23fg45", "AccountStatus": "Active", "AccountType":
"Team", "Admins": null, "AwsAccountId": "111122223333", "BillingType":
"SeatBilling", "CreatedTimestamp": "2018-12-18T20:47:27.121Z", "DefaultLicense":
"Pro", "DelegationStatus": "NoDelegation", "DirectoryId": null, "Domains":
null, "Groups": [], "Name": "Example2", "Owner": null, "SupportedLicenses": ["Basic",
"Pro"], "UseProTrialLicense": false}], "NextToken": null }
```

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](#)

ListBots

Lists the bots associated with the administrator's Amazon Chime Enterprise account ID.

Request Syntax

```
GET /accounts/accountId/bots?max-results=MaxResults&next-token=NextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

MaxResults

The maximum number of results to return in a single call. The default is 10.

Valid Range: Minimum value of 1. Maximum value of 99.

NextToken

The token to use to retrieve the next page of results.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Bots": [
```

```
{
  "BotEmail": "string",
  "BotId": "string",
  "BotType": "string",
  "CreatedTimestamp": "string",
  "Disabled": boolean,
  "DisplayName": "string",
  "SecurityToken": "string",
  "UpdatedTimestamp": "string",
  "UserId": "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.

Bots

List of bots and bot details.

Type: Array of [Bot](#) objects

NextToken

The token to use to retrieve the next page of results.

Type: String

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents (AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when

you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example lists the bots associated with the administrator's Amazon Chime Enterprise account ID.

Sample Request

```
GET /accounts/12a3456b-7c89-012d-3456-78901e23fg45/bots HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.170
Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20190918T172805Z Authorization:
AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: ee577706-63e7-4524-b412-0711eb86e5ae
Content-Type: application/json Content-Length: 774 Date: Wed, 18 Sep
2019 17:28:05 GMT Connection: keep-alive {"Bots":[{"BotEmail":"myBot-
chimebot@example.com","BotId":"123abcd4-5ef6-789g-0h12-34j56789012k","BotType":"ChatBot","Creat
(Bot)","SecurityToken":"wJalrXUtnFEMI/K7MDENG/
bPxRfiCYEXAMPLEKEY","UpdatedTimestamp":"2019-09-18T17:24:39.534Z","UserId":"123abcd4-5ef6-789g-
{"BotEmail":"ChatBot-
chimebot@example.com","BotId":"321abcd4-5ef6-789g-0h12-34j56789012k","BotType":"ChatBot","Creat
(Bot)","SecurityToken":"je7MtGbClwBF/2Zp9Utk/
h3yCo8nvbEXAMPLEKEY","UpdatedTimestamp":"2019-09-09T18:24:25.437Z","UserId":"321abcd4-5ef6-789g-
```

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](#)

ListPhoneNumberOrders

Lists the phone number orders for the administrator's Amazon Chime account.

Request Syntax

```
GET /phone-number-orders?max-results=MaxResults&next-token=NextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

MaxResults

The maximum number of results to return in a single call.

Valid Range: Minimum value of 1. Maximum value of 99.

NextToken

The token to use to retrieve the next page of results.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "NextToken": "string",
  "PhoneNumberOrders": [
    {
      "CreatedTimestamp": "string",
      "OrderedPhoneNumbers": [
        {
          "E164PhoneNumber": "string",
          "Status": "string"
        }
      ]
    }
  ],
}
```

```
    "PhoneNumberOrderId": "string",  
    "ProductType": "string",  
    "Status": "string",  
    "UpdatedTimestamp": "string"  
  }  
]  
}
```

Response Elements

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

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

NextToken

The token to use to retrieve the next page of results.

Type: String

PhoneNumberOrders

The phone number order details.

Type: Array of [PhoneNumberOrder](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example lists the phone number orders for the administrator's Amazon Chime account.

Sample Request

```
GET /phone-number-orders HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding:
identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-
Date: 20190918T175325Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 6e79c3b2-a0e4-443e-a280-9057b0edd4e8
Content-Type: application/json Content-Length: 770 Date: Wed, 18 Sep 2019
17:53:26 GMT Connection: keep-alive {"NextToken":null,"PhoneNumberOrders":
[{"CreatedTimestamp":"2019-08-12T22:10:20.504Z","OrderedPhoneNumbers":
[{"E164PhoneNumber":"+12065550100","Status":"Acquired"},
{"E164PhoneNumber":"+12065550101","Status":"Acquired"}],"PhoneNumberOrderId":"abc12345-
de67-89f0-123g-h45i678j9012","ProductType":"Voice
Connector","Status":"Successful","UpdatedTimestamp":"2019-08-12T22:10:31.186Z"}]}
```

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](#)

ListPhoneNumbers

Lists the phone numbers for the specified Amazon Chime account, Amazon Chime user, Amazon Chime Voice Connector, or Amazon Chime Voice Connector group.

Request Syntax

```
GET /phone-numbers?filter-name=FilterName&filter-value=FilterValue&max-  
results=MaxResults&next-token=NextToken&product-type=ProductType&status=Status HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

FilterName

The filter to use to limit the number of results.

Valid Values: AccountId | UserId | VoiceConnectorId | VoiceConnectorGroupId
| SipRuleId

FilterValue

The value to use for the filter.

MaxResults

The maximum number of results to return in a single call.

Valid Range: Minimum value of 1. Maximum value of 99.

NextToken

The token to use to retrieve the next page of results.

ProductType

The phone number product type.

Valid Values: BusinessCalling | VoiceConnector | SipMediaApplicationDialIn

Status

The phone number status.

Valid Values: `AcquireInProgress` | `AcquireFailed` | `Unassigned` | `Assigned` | `ReleaseInProgress` | `DeleteInProgress` | `ReleaseFailed` | `DeleteFailed`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "NextToken": "string",
  "PhoneNumbers": [
    {
      "Associations": [
        {
          "AssociatedTimestamp": "string",
          "Name": "string",
          "Value": "string"
        }
      ],
      "CallingName": "string",
      "CallingNameStatus": "string",
      "Capabilities": {
        "InboundCall": boolean,
        "InboundMMS": boolean,
        "InboundSMS": boolean,
        "OutboundCall": boolean,
        "OutboundMMS": boolean,
        "OutboundSMS": boolean
      },
      "Country": "string",
      "CreatedTimestamp": "string",
      "DeletionTimestamp": "string",
      "E164PhoneNumber": "string",
      "PhoneNumberId": "string",
      "ProductType": "string",
      "Status": "string",
      "Type": "string",
      "UpdatedTimestamp": "string"
    }
  ]
}
```

```
    }  
  ]  
}
```

Response Elements

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

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

NextToken

The token to use to retrieve the next page of results.

Type: String

PhoneNumbers

The phone number details.

Type: Array of [PhoneNumber](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example lists the phone numbers for the account.

Sample Request

```
GET /phone-numbers HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding:
identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-
Date: 20191028T184455Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: c859a1d1-84ce-4cfc-a3ad-4dcde29d9265 Content-
Type: application/json Content-Length: 1620 Date: Mon, 28 Oct 2019 18:44:55
GMT Connection: keep-alive {"NextToken":null,"PhoneNumbers":[{"Associations":
[{"AssociatedTimestamp":"2019-10-28T18:40:37.453Z","Name":"VoiceConnectorId","Value":"abcdef1gh
{"InboundCall":true,"InboundMMS":true,"InboundSMS":true,"OutboundCall":true,"OutboundMMS":true,
Connector","Status":"Assigned","Type":"Local","UpdatedTimestamp":"2019-10-28T18:42:07.964Z"}},
{"Associations":
[{"AssociatedTimestamp":"2019-10-28T18:40:37.511Z","Name":"VoiceConnectorId","Value":"abcdef1gh
{"InboundCall":true,"InboundMMS":true,"InboundSMS":true,"OutboundCall":true,"OutboundMMS":true,
Connector","Status":"Assigned","Type":"Local","UpdatedTimestamp":"2019-10-28T18:42:07.960Z"}},
{"Associations":[],"CallingName":null,"CallingNameStatus":"Unassigned","Capabilities":
{"InboundCall":true,"InboundMMS":true,"InboundSMS":true,"OutboundCall":true,"OutboundMMS":true,
Connector","Status":"Unassigned","Type":"Local","UpdatedTimestamp":"2019-10-28T18:31:55.339Z"}]}
```

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](#)

ListRoomMemberships

Lists the membership details for the specified room in an Amazon Chime Enterprise account, such as the members' IDs, email addresses, and names.

Request Syntax

```
GET /accounts/accountId/rooms/roomId/memberships?max-results=MaxResults&next-token=NextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

MaxResults

The maximum number of results to return in a single call.

Valid Range: Minimum value of 1. Maximum value of 99.

NextToken

The token to use to retrieve the next page of results.

roomId

The room ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "NextToken": "string",
  "RoomMemberships": [
    {
      "InvitedBy": "string",
      "Member": {
        "AccountId": "string",
        "Email": "string",
        "FullName": "string",
        "MemberId": "string",
        "MemberType": "string"
      },
      "Role": "string",
      "RoomId": "string",
      "UpdatedTimestamp": "string"
    }
  ]
}
```

Response Elements

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

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

[NextToken](#)

The token to use to retrieve the next page of results.

Type: String

[RoomMemberships](#)

The room membership details.

Type: Array of [RoomMembership](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example lists the membership details for the specified chat room.

Sample Request

```
GET /accounts/12a3456b-7c89-012d-3456-78901e23fg45/rooms/abcd1e2d-3e45-6789-01f2-3g45h67i890j/memberships HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.293 Python/3.8.0 Windows/10 botocore/1.13.29 X-Amz-Date: 20191202T224849Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: d8414bdb-5ba9-48ae-9305-f4162ad7062f
Content-Type: application/json Content-Length: 771 Date: Mon, 02 Dec 2019
22:48:49 GMT Connection: keep-alive {"NextToken":null,"RoomMemberships":
[{"InvitedBy":"arn:aws:iam::111122223333:user/alejandro","Member":
{"AccountId":"12a3456b-7c89-012d-3456-78901e23fg45","Email":"zhangw@example.com","FullName":"Zhang
Wei","MemberId":"2ab2345c-67de-8901-f23g-45h678901j2k","MemberType":"User"},"Role":"Member","RoomId":"abcd1e2d-3e45-6789-01f2-3g45h67i890j"},
{"InvitedBy":"arn:aws:iam::111122223333:user/alejandro","Member":
{"AccountId":"12a3456b-7c89-012d-3456-78901e23fg45","Email":"janed@example.com","FullName":"Jane
Doe","MemberId":"1ab2345c-67de-8901-f23g-45h678901j2k","MemberType":"User"},"Role":"Administrator","RoomId":"abcd1e2d-3e45-6789-01f2-3g45h67i890j"}]
```

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](#)

ListRooms

Lists the room details for the specified Amazon Chime Enterprise account. Optionally, filter the results by a member ID (user ID or bot ID) to see a list of rooms that the member belongs to.

Request Syntax

```
GET /accounts/accountId/rooms?max-results=MaxResults&member-id=MemberId&next-token=NextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

MaxResults

The maximum number of results to return in a single call.

Valid Range: Minimum value of 1. Maximum value of 99.

MemberId

The member ID (user ID or bot ID).

NextToken

The token to use to retrieve the next page of results.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "NextToken": "string",
  "Rooms": [
    {
      "AccountId": "string",
      "CreatedBy": "string",
      "CreatedTimestamp": "string",
      "Name": "string",
      "RoomId": "string",
      "UpdatedTimestamp": "string"
    }
  ]
}
```

Response Elements

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

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

NextToken

The token to use to retrieve the next page of results.

Type: String

Rooms

The room details.

Type: Array of [Room](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when

you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example returns a list of chat rooms in the specified account. The list is filtered by the chat rooms that the specified member belongs to.

Sample Request

```
GET /accounts/12a3456b-7c89-012d-3456-78901e23fg45/rooms?member-id=1ab2345c-67de-8901-f23g-45h678901j2k HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity
User-Agent: aws-cli/1.16.293 Python/3.8.0 Windows/10 botocore/1.13.29 X-Amz-Date:
20191202T223837Z Authorization: AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: eb4b1f38-a2fa-4313-99f9-28cdf100c851
Content-Type: application/json Content-Length: 294 Date: Mon, 02 Dec
2019 22:38:36 GMT Connection: keep-alive {"NextToken":null,"Rooms":
[{"AccountId":"12a3456b-7c89-012d-3456-78901e23fg45","CreatedBy":"arn:aws:iam::111122223333:user:
alejandro","CreatedTimestamp":"2019-12-02T22:29:31.549Z","Name":"chatRoom","RoomId":"abcd1e2d-3
```

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](#)

ListSupportedPhoneNumberCountries

Lists supported phone number countries.

Request Syntax

```
GET /phone-number-countries?product-type=ProductType HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

ProductType

The phone number product type.

Valid Values: BusinessCalling | VoiceConnector | SipMediaApplicationDialIn

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "PhoneNumberCountries": [
    {
      "CountryCode": "string",
      "SupportedPhoneNumberTypes": [ "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.

PhoneNumberCountries

The supported phone number countries.

Type: Array of [PhoneNumberCountry](#) objects

Errors

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

AccessDeniedException

You don't have permissions to perform the requested operation.

HTTP Status Code: 403

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

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](#)

ListUsers

Lists the users that belong to the specified Amazon Chime account. You can specify an email address to list only the user that the email address belongs to.

Request Syntax

```
GET /accounts/accountId/users?max-results=MaxResults&next-token=NextToken&user-email=UserEmail&user-type=UserType HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

MaxResults

The maximum number of results to return in a single call. Defaults to 100.

Valid Range: Minimum value of 1. Maximum value of 200.

NextToken

The token to use to retrieve the next page of results.

UserEmail

Optional. The user email address used to filter results. Maximum 1.

Pattern: `.*+@.*+\..*`

UserType

The user type.

Valid Values: `PrivateUser` | `SharedDevice`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "NextToken": "string",
  "Users": [
    {
      "AccountId": "string",
      "AlexaForBusinessMetadata": {
        "AlexaForBusinessRoomArn": "string",
        "IsAlexaForBusinessEnabled": boolean
      },
      "DisplayName": "string",
      "InvitedOn": "string",
      "LicenseType": "string",
      "PersonalPIN": "string",
      "PrimaryEmail": "string",
      "PrimaryProvisionedNumber": "string",
      "RegisteredOn": "string",
      "UserId": "string",
      "UserInvitationStatus": "string",
      "UserRegistrationStatus": "string",
      "UserType": "string"
    }
  ]
}
```

Response Elements

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

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

NextToken

The token to use to retrieve the next page of results.

Type: String

Users

List of users and user details.

Type: Array of [User](#) objects

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example lists the users for the specified Amazon Chime account.

Sample Request

```
GET /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/users HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.83
Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T165935Z Authorization:
AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 429f487b-6f1d-4a76-8361-9809f6885ee8
Content-Type: application/json Content-Length: 2200 Date: Tue, 08 Jan
2019 16:59:36 GMT Connection: keep-alive {"NextToken": null,"Users":
[{"AccountId": "12a3456b-7c89-012d-3456-78901e23fg45","Delegates":
null,"Devices": null,"DisplayName": "user1","EmailAlias": [],"FullName":
"user1","InvitedOn": null,"IsProTrial": false,"LastActiveOn":
null,"LicenseType": "Pro","PersonalPIN": null,"PresenceVisibility":
null,"PrimaryEmail": "user1@example.com","PrimaryProvisionedNumber":
null,"RegisteredOn": "2018-12-20T18:45:25.231Z","UserId": "1ab2345c-67de-8901-
```

```
f23g-45h678901j2k","UserInvitationStatus": null,"UserLocale":
null,"UserRegistrationStatus": "Registered","Vanity": null},
{"AccountId": "12a3456b-7c89-012d-3456-78901e23fg45","Delegates":
null,"Devices": null,"DisplayName": "user2","EmailAlias": [],"FullName":
"user2","InvitedOn": null,"IsProTrial": false,"LastActiveOn":
null,"LicenseType": "Pro","PersonalPIN": null,"PresenceVisibility":
null,"PrimaryEmail": "user2@example.com","PrimaryProvisionedNumber":
null,"RegisteredOn": "2018-12-20T18:45:45.415Z","UserId": "2ab2345c-67de-8901-
f23g-45h678901j2k","UserInvitationStatus": null,"UserLocale":
null,"UserRegistrationStatus": "Registered","Vanity": null},
{"AccountId": "12a3456b-7c89-012d-3456-78901e23fg45","Delegates":
null,"Devices": null,"DisplayName": "user3","EmailAlias": [],"FullName":
"user3","InvitedOn": null,"IsProTrial": false,"LastActiveOn":
null,"LicenseType": "Basic","PersonalPIN": null,"PresenceVisibility":
null,"PrimaryEmail": "user3@example.com","PrimaryProvisionedNumber":
null,"RegisteredOn": "2018-12-20T18:46:57.747Z","UserId": "3ab2345c-67de-8901-
f23g-45h678901j2k","UserInvitationStatus": null,"UserLocale":
null,"UserRegistrationStatus": "Registered","Vanity": null},
{"AccountId": "12a3456b-7c89-012d-3456-78901e23fg45","Delegates":
null,"Devices": null,"DisplayName": "user4","EmailAlias": [],"FullName":
"user4","InvitedOn": null,"IsProTrial": false,"LastActiveOn":
null,"LicenseType": "Basic","PersonalPIN": null,"PresenceVisibility":
null,"PrimaryEmail": "user4@example.com","PrimaryProvisionedNumber":
null,"RegisteredOn": "2018-12-20T18:47:15.390Z","UserId": "4ab2345c-67de-8901-
f23g-45h678901j2k","UserInvitationStatus": null,"UserLocale":
null,"UserRegistrationStatus": "Registered","Vanity": null}] }
```

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](#)

LogoutUser

Logs out the specified user from all of the devices they are currently logged into.

Request Syntax

```
POST /accounts/accountId/users/{userId}?operation=logout HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

userId

The user ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example logs out the specified user.

Sample Request

```
POST /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/users/1ab2345c-67de-8901-f23g-45h678901j2k?operation=logout HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.83 Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T180307Z Authorization: AUTHPARAMS Content-Length: 0
```

Sample Response

```
HTTP/1.1 204 No Content x-amzn-RequestId: a67c559a-968a-4791-9e32-9a42c0dace42 Content-Type: application/json Date: Tue, 08 Jan 2019 18:03:07 GMT Connection: keep-alive
```

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](#)

PutEventsConfiguration

Creates an events configuration that allows a bot to receive outgoing events sent by Amazon Chime. Choose either an HTTPS endpoint or a Lambda function ARN. For more information, see [Bot](#).

Request Syntax

```
PUT /accounts/accountId/bots/botId/events-configuration HTTP/1.1
Content-type: application/json

{
  "LambdaFunctionArn": "string",
  "OutboundEventsHTTPSEndpoint": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

[accountId](#)

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

[botId](#)

The bot ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

LambdaFunctionArn

Lambda function ARN that allows the bot to receive outgoing events.

Type: String

Required: No

OutboundEventsHTTPSEndpoint

HTTPS endpoint that allows the bot to receive outgoing events.

Type: String

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json

{
  "EventsConfiguration": {
    "BotId": "string",
    "LambdaFunctionArn": "string",
    "OutboundEventsHTTPSEndpoint": "string"
  }
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

EventsConfiguration

The configuration that allows a bot to receive outgoing events. Can be an HTTPS endpoint or an AWS Lambda function ARN.

Type: EventsConfiguration object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ResourceLimitExceededException

The request exceeds the resource limit.

HTTP Status Code: 400

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

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](#)

PutRetentionSettings

Puts retention settings for the specified Amazon Chime Enterprise account. We recommend using AWS CloudTrail to monitor usage of this API for your account. For more information, see [Logging Amazon Chime API Calls with AWS CloudTrail](#) in the *Amazon Chime Administration Guide*.

To turn off existing retention settings, remove the number of days from the corresponding **RetentionDays** field in the **RetentionSettings** object. For more information about retention settings, see [Managing Chat Retention Policies](#) in the *Amazon Chime Administration Guide*.

Request Syntax

```
PUT /accounts/accountId/retention-settings HTTP/1.1
Content-type: application/json
```

```
{
  "RetentionSettings": {
    "ConversationRetentionSettings": {
      "RetentionDays": number
    },
    "RoomRetentionSettings": {
      "RetentionDays": number
    }
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

[accountId](#)

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

RetentionSettings

The retention settings.

Type: [RetentionSettings](#) object

Required: Yes

Response Syntax

```
HTTP/1.1 204
Content-type: application/json

{
  "InitiateDeletionTimestamp": "string",
  "RetentionSettings": {
    "ConversationRetentionSettings": {
      "RetentionDays": number
    },
    "RoomRetentionSettings": {
      "RetentionDays": number
    }
  }
}
```

Response Elements

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

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

InitiateDeletionTimestamp

The timestamp representing the time at which the specified items are permanently deleted, in ISO 8601 format.

Type: Timestamp

RetentionSettings

The retention settings.

Type: [RetentionSettings](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ConflictException

The request could not be processed because of conflict in the current state of the resource.

HTTP Status Code: 409

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

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](#)

RedactConversationMessage

Redacts the specified message from the specified Amazon Chime conversation.

Request Syntax

```
POST /accounts/accountId/conversations/conversationId/messages/{messageId}?  
operation=redact HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

conversationId

The conversation ID.

Pattern: `.*\S.*`

Required: Yes

messageId

The message ID.

Pattern: `.*\S.*`

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 parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

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](#)

RedactRoomMessage

Redacts the specified message from the specified Amazon Chime channel.

Request Syntax

```
POST /accounts/accountId/rooms/roomId/messages/{messageId}?operation=redact HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

messageId

The message ID.

Pattern: `.*\S.*`

Required: Yes

roomId

The room ID.

Pattern: `.*\S.*`

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 parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

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](#)

RegenerateSecurityToken

Regenerates the security token for a bot.

Request Syntax

```
POST /accounts/accountId/bots/{botId}?operation=regenerate-security-token HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

botId

The bot ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Bot": {
    "BotEmail": "string",
    "BotId": "string",
```

```
"BotType": "string",
"CreatedTimestamp": "string",
"Disabled": boolean,
"DisplayName": "string",
"SecurityToken": "string",
"UpdatedTimestamp": "string",
"UserId": "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.

Bot

A resource that allows Enterprise account administrators to configure an interface that receives events from Amazon Chime.

Type: [Bot](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example regenerates the security token for the specified bot.

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45/  
bots/123abcd4-5ef6-789g-0h12-34j56789012k?operation=regenerate-security-token HTTP/1.1
```

```
Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-  
cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20190918T173015Z  
Authorization: AUTHPARAMS Content-Length: 0
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 0c755efb-46f9-4d5a-84b0-55f7b254ed7d  
Content-Type: application/json Content-Length: 374 Date:  
Wed, 18 Sep 2019 17:30:16 GMT Connection: keep-alive {"Bot":  
{"BotEmail":"myBot@example.com","BotId":"123abcd4-5ef6-789g-0h12-34j56789012k","BotType":"ChatB  
(Bot)","SecurityToken":"je7MtGbClwBF/2Zp9Utk/  
h3yCo8nvbEXAMPLEKEY","UpdatedTimestamp":"2019-09-18T17:24:39.534Z","UserId":"123abcd4-5ef6-789g
```

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](#)

ResetPersonalPIN

Resets the personal meeting PIN for the specified user on an Amazon Chime account. Returns the [User](#) object with the updated personal meeting PIN.

Request Syntax

```
POST /accounts/accountId/users/{userId}?operation=reset-personal-pin HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[accountId](#)

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

[userId](#)

The user ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "User": {
    "AccountId": "string",
```

```
"AlexaForBusinessMetadata": {
  "AlexaForBusinessRoomArn": "string",
  "IsAlexaForBusinessEnabled": boolean
},
"DisplayName": "string",
"InvitedOn": "string",
"LicenseType": "string",
"PersonalPIN": "string",
"PrimaryEmail": "string",
"PrimaryProvisionedNumber": "string",
"RegisteredOn": "string",
"UserId": "string",
"UserInvitationStatus": "string",
"UserRegistrationStatus": "string",
"UserType": "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.

User

The user details and new personal meeting PIN.

Type: [User](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example resets the personal meeting PIN for the specified user.

Sample Request

```
POST /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/users/1ab2345c-67de-8901-f23g-45h678901j2k?operation=reset-personal-pin HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.83
Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T181048Z Authorization:
AUTHPARAMS Content-Length: 0
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: a0033e1d-41aa-4030-8f52-ded7ebcf34bd Content-Type:
application/json Content-Length: 558 Date: Tue, 08 Jan 2019 18:10:48 GMT Connection:
keep-alive {"User": {"AccountId": "12a3456b-7c89-012d-3456-78901e23fg45", "Delegates":
null, "Devices": null, "DisplayName": "user1", "EmailAlias": [], "FullName":
"user1", "InvitedOn": null, "IsProTrial": false, "LastActiveOn":
null, "LicenseType": "Pro", "PersonalPIN": "XXXXXXXXXX", "PresenceVisibility":
null, "PrimaryEmail": "user1@example.com", "PrimaryProvisionedNumber":
null, "RegisteredOn": "2018-12-20T18:45:25.231Z", "UserId": "1ab2345c-67de-8901-f23g-45h678901j2k", "UserInvitationStatus": null, "UserLocale":
null, "UserRegistrationStatus": "Registered", "Vanity": null} }
```

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](#)

RestorePhoneNumber

Moves a phone number from the **Deletion queue** back into the phone number **Inventory**.

Request Syntax

```
POST /phone-numbers/{phoneNumberId}?operation=restore HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

phoneNumberId

The phone number.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "PhoneNumber": {
    "Associations": [
      {
        "AssociatedTimestamp": "string",
        "Name": "string",
        "Value": "string"
      }
    ],
    "CallingName": "string",
```

```
"CallingNameStatus": "string",
"Capabilities": {
  "InboundCall": boolean,
  "InboundMMS": boolean,
  "InboundSMS": boolean,
  "OutboundCall": boolean,
  "OutboundMMS": boolean,
  "OutboundSMS": boolean
},
"Country": "string",
"CreatedTimestamp": "string",
"DeletionTimestamp": "string",
"E164PhoneNumber": "string",
"PhoneNumberId": "string",
"ProductType": "string",
"Status": "string",
"Type": "string",
"UpdatedTimestamp": "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.

PhoneNumber

The phone number details.

Type: [PhoneNumber](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ResourceLimitExceededException

The request exceeds the resource limit.

HTTP Status Code: 400

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example moves the specified phone number from the **Deletion queue** back into the phone number **Inventory**.

Sample Request

```
POST /phone-numbers/%2B12065550100?operation=restore HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.170
Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20190918T182510Z Authorization:
AUTHPARAMS Content-Length: 0
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 3fb42323-1231-4034-8fbb-4a6f89d189ea
Content-Type: application/json Content-Length: 460 Date: Wed, 18 Sep
2019 18:25:10 GMT Connection: keep-alive {"PhoneNumber":{"Associations":
[], "CallingName":myBusiness, "CallingNameStatus":UpdateSucceeded, "Capabilities":
{"InboundCall":true, "InboundMMS":true, "InboundSMS":true, "OutboundCall":true, "OutboundMMS":true,
Connector", "Status":"Unassigned", "Type":"Local", "UpdatedTimestamp":"2019-09-18T18:25:10.866Z"}}
```

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](#)

SearchAvailablePhoneNumbers

Searches for phone numbers that can be ordered. For US numbers, provide at least one of the following search filters: `AreaCode`, `City`, `State`, or `TollFreePrefix`. If you provide `City`, you must also provide `State`. Numbers outside the US only support the `PhoneNumberType` filter, which you must use.

Request Syntax

```
GET /search?type=phone-numbers&area-code=AreaCode&city=City&country=Country&max-  
results=MaxResults&next-token=NextToken&phone-number-  
type=PhoneNumberType&state=State&toll-free-prefix=TollFreePrefix HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

AreaCode

The area code used to filter results. Only applies to the US.

City

The city used to filter results. Only applies to the US.

Country

The country used to filter results. Defaults to the US Format: ISO 3166-1 alpha-2.

Pattern: `[A-Z]{2}`

MaxResults

The maximum number of results to return in a single call.

Valid Range: Minimum value of 1. Maximum value of 500.

NextToken

The token used to retrieve the next page of results.

PhoneNumberType

The phone number type used to filter results. Required for non-US numbers.

Valid Values: Local | TollFree

State

The state used to filter results. Required only if you provide City. Only applies to the US.

TollFreePrefix

The toll-free prefix that you use to filter results. Only applies to the US.

Length Constraints: Fixed length of 3.

Pattern: `^8(00|33|44|55|66|77|88)$`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "E164PhoneNumbers": [ "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.

E164PhoneNumbers

List of phone numbers, in E.164 format.

Type: Array of strings

Pattern: `^\+?[1-9]\d{1,14}$`

NextToken

The token used to retrieve the next page of search results.

Type: String

Errors

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

AccessDeniedException

You don't have permissions to perform the requested operation.

HTTP Status Code: 403

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following examples, the Authorization header contents (AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example searches for phone numbers with an area code of 206.

Sample Request

```
GET /search?type=phone-numbers&area-code=206 HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.170
Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20190918T180157Z Authorization:
AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 98bb7b5b-0f5b-48c3-a959-ab0d7fd42b97 Content-Type:
application/json Content-Length: 1522 Date: Wed, 18 Sep 2019 18:01:57 GMT Connection:
keep-alive {"E164PhoneNumbers":["+12065550100","+12065550101","+12065550102"],
"NextToken": null}
```

Example

This example searches local phone numbers in the United Kingdom.

Sample Request

```
GET /search?type=phone-numbers&country=GB&phone-number-type=Local HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.170
Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20210224T201356Z Authorization:
AUTHPARAMS
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 86b1ec89-b95b-47de-bd67-92c6d778bbd5 Content-Type:
application/json Content-Length: 1522 Date: Wed, 24 Feb 2021 20:13:56 GMT Connection:
keep-alive {"E164PhoneNumbers":["+442012345677","+442012345678","+442012345679"],
"NextToken": null}
```

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](#)

UpdateAccount

Updates account details for the specified Amazon Chime account. Currently, only account name and default license updates are supported for this action.

Request Syntax

```
POST /accounts/accountId HTTP/1.1
Content-type: application/json
```

```
{
  "DefaultLicense": "string",
  "Name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

DefaultLicense

The default license applied when you add users to an Amazon Chime account.

Type: String

Valid Values: `Basic` | `Plus` | `Pro` | `ProTrial`

Required: No

Name

The new name for the specified Amazon Chime account.

Type: String

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

Pattern: `.*\S.*`

Required: No

Response Syntax

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

{
  "Account": {
    "AccountId": "string",
    "AccountStatus": "string",
    "AccountType": "string",
    "AwsAccountId": "string",
    "CreatedTimestamp": "string",
    "DefaultLicense": "string",
    "Name": "string",
    "SigninDelegateGroups": [
      {
        "GroupName": "string"
      }
    ],
    "SupportedLicenses": [ "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.

Account

The updated Amazon Chime account details.

Type: [Account](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example updates the specified account name.

Sample Request

```
POST /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45 HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.83
Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T182558Z Authorization:
AUTHPARAMS Content-Length: 19 {"Name": "Example3"}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 1cbd30b4-ee17-400a-ab81-4d1eb65783dc
Content-Type: application/json Content-Length: 424 Date: Tue, 08 Jan
2019 18:25:58 GMT Connection: keep-alive {"Account": {"AccountId":
"12a3456b-7c89-012d-3456-78901e23fg45","AccountStatus": "Active","AccountType":
"Team","Admins": null,"AwsAccountId": "111122223333","BillingType":
"SeatBilling","CreatedTimestamp": "2018-09-04T21:44:22.292Z","DefaultLicense":
"Pro","DelegationStatus": "NoDelegation","DirectoryId": null,"Domains":
null,"Groups": [],"Name": "Example3","Owner": null,"SupportedLicenses": ["Basic",
"Pro"],"UseProTrialLicense": false} }
```

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](#)

UpdateAccountSettings

Updates the settings for the specified Amazon Chime account. You can update settings for remote control of shared screens, or for the dial-out option. For more information about these settings, see [Use the Policies Page](#) in the *Amazon Chime Administration Guide*.

Request Syntax

```
PUT /accounts/accountId/settings HTTP/1.1
Content-type: application/json
```

```
{
  "AccountSettings": {
    "DisableRemoteControl": boolean,
    "EnableDialOut": boolean
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

AccountSettings

The Amazon Chime account settings to update.

Type: [AccountSettings](#) object

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ConflictException

The request could not be processed because of conflict in the current state of the resource.

HTTP Status Code: 409

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example disables the remote control of shared screens for the specified Amazon Chime account.

Sample Request

```
PUT /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/settings HTTP/1.1 Host:
service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.83
Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date: 20190108T182719Z Authorization:
AUTHPARAMS Content-Length: 51 {"AccountSettings": {"DisableRemoteControl": true}}
```

Sample Response

```
HTTP/1.1 204 No Content x-amzn-RequestId: f539839f-c426-4179-906d-28e297261d84 Content-
Type: application/json Date: Tue, 08 Jan 2019 18:27:20 GMT Connection: keep-alive
```

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](#)

UpdateBot

Updates the status of the specified bot, such as starting or stopping the bot from running in your Amazon Chime Enterprise account.

Request Syntax

```
POST /accounts/accountId/bots/botId HTTP/1.1
Content-type: application/json

{
  "Disabled": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

botId

The bot ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

Disabled

When true, stops the specified bot from running in your account.

Type: Boolean

Required: No

Response Syntax

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

{
  "Bot": {
    "BotEmail": "string",
    "BotId": "string",
    "BotType": "string",
    "CreatedTimestamp": "string",
    "Disabled": boolean,
    "DisplayName": "string",
    "SecurityToken": "string",
    "UpdatedTimestamp": "string",
    "UserId": "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.

Bot

The updated bot details.

Type: [Bot](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to

AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example updates the status of the specified bot to stop it from running.

Sample Request

```
Update Bot API POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45/
bots/123abcd4-5ef6-789g-0h12-34j56789012k HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10
botocore/1.12.160 X-Amz-Date: 20190918T173150Z Authorization: AUTHPARAMS Content-
Length: 18 {"Disabled": true}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 7848d673-79fd-4d76-b723-846eb238aeb6
Content-Type: application/json Content-Length: 373 Date:
Wed, 18 Sep 2019 17:31:51 GMT Connection: keep-alive {"Bot":
{"BotEmail": "myBot@example.com", "BotId": "123abcd4-5ef6-789g-0h12-34j56789012k", "BotType": "ChatB
(Bot)", "SecurityToken": "je7MtGbClwBF/2Zp9Utk/
h3yCo8nvbEXAMPLEKEY", "UpdatedTimestamp": "2019-09-18T17:31:51.516Z", "UserId": "123abcd4-5ef6-789g
```

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](#)

UpdateGlobalSettings

Updates global settings for the administrator's AWS account, such as Amazon Chime Business Calling and Amazon Chime Voice Connector settings.

Request Syntax

```
PUT /settings HTTP/1.1
Content-type: application/json

{
  "BusinessCalling": {
    "CdrBucket": "string"
  },
  "VoiceConnector": {
    "CdrBucket": "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

BusinessCalling

The Amazon Chime Business Calling settings.

Type: [BusinessCallingSettings](#) object

Required: No

VoiceConnector

The Amazon Chime Voice Connector settings.

Type: [VoiceConnectorSettings](#) object

Required: No

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents (AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example updates the global settings for the administrator's AWS account.

Sample Request

```
PUT /settings HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity
User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date:
20190918T194726Z Authorization: AUTHPARAMS Content-Length: 109 {"BusinessCalling":
{"CdrBucket": "s3bucket"}, "Voice Connector": {"CdrBucket": "s3bucket"}}
```

Sample Response

```
HTTP/1.1 204 No Content x-amzn-RequestId: f77805ac-5d09-4ee2-aeb0-867540b4641c Content-
Type: application/json Date: Wed, 18 Sep 2019 19:47:26 GMT Connection: keep-alive
```

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](#)

UpdatePhoneNumber

Updates phone number details, such as product type or calling name, for the specified phone number ID. You can update one phone number detail at a time. For example, you can update either the product type or the calling name in one action.

For toll-free numbers, you cannot use the Amazon Chime Business Calling product type. For numbers outside the U.S., you must use the Amazon Chime SIP Media Application Dial-In product type.

Updates to outbound calling names can take 72 hours to complete. Pending updates to outbound calling names must be complete before you can request another update.

Request Syntax

```
POST /phone-numbers/phoneNumberId HTTP/1.1
Content-type: application/json

{
  "CallingName": "string",
  "ProductType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

phoneNumberId

The phone number ID.

Required: Yes

Request Body

The request accepts the following data in JSON format.

CallingName

The outbound calling name associated with the phone number.

Type: String

Pattern: `^$|^[a-zA-Z0-9]{2,15}$`

Required: No

ProductType

The product type.

Type: String

Valid Values: `BusinessCalling` | `VoiceConnector` | `SipMediaApplicationDialIn`

Required: No

Response Syntax

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

{
  "PhoneNumber": {
    "Associations": [
      {
        "AssociatedTimestamp": "string",
        "Name": "string",
        "Value": "string"
      }
    ],
    "CallingName": "string",
    "CallingNameStatus": "string",
    "Capabilities": {
      "InboundCall": boolean,
      "InboundMMS": boolean,
      "InboundSMS": boolean,
      "OutboundCall": boolean,
      "OutboundMMS": boolean,
      "OutboundSMS": boolean
    },
    "Country": "string",
    "CreatedTimestamp": "string",
    "DeletionTimestamp": "string",
```

```
"E164PhoneNumber": "string",
"PhoneNumberId": "string",
"ProductType": "string",
"Status": "string",
"Type": "string",
"UpdatedTimestamp": "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.

PhoneNumber

The updated phone number details.

Type: [PhoneNumber](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ConflictException

The request could not be processed because of conflict in the current state of the resource.

HTTP Status Code: 409

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example: Update Product Type

This example updates the product type for the specified phone number.

Sample Request

```
POST /phone-numbers/%2B12065550100 HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10
botocore/1.12.160 X-Amz-Date: 20191029T182530Z Authorization: AUTHPARAMS Content-
Length: 34 {"ProductType": "BusinessCalling"}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 885b5970-6640-46e9-8b59-3d77be15a4f5
Content-Type: application/json Content-Length: 484 Date: Tue, 29 Oct
2019 18:25:29 GMT Connection: keep-alive {"PhoneNumber":{"Associations":
[], "CallingName": "phonenumber1", "CallingNameStatus": "UpdateSucceeded", "Capabilities":
{"InboundCall": true, "InboundMMS": true, "InboundSMS": true, "OutboundCall": true, "OutboundMMS": true,
```

Example: Update Outbound Calling Name

This example updates the outbound calling name for the specified phone number.

Sample Request

```
POST /phone-numbers/%2B12065550100 HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10
botocore/1.12.160 X-Amz-Date: 20191029T182817Z Authorization: AUTHPARAMS Content-
Length: 28 {"CallingName": "phonenumber2"}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: d25cff84-0a51-4126-b4e9-9460535fcd68
Content-Type: application/json Content-Length: 478 Date: Tue, 29 Oct
2019 18:28:17 GMT Connection: keep-alive {"PhoneNumber":{"Associations":
[], "CallingName": "phonenumber2", "CallingNameStatus": "UpdateSucceeded", "Capabilities":
{"InboundCall": true, "InboundMMS": true, "InboundSMS": true, "OutboundCall": true, "OutboundMMS": true,
```

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](#)

UpdatePhoneNumberSettings

Updates the phone number settings for the administrator's AWS account, such as the default outbound calling name. You can update the default outbound calling name once every seven days. Outbound calling names can take up to 72 hours to update.

Request Syntax

```
PUT /settings/phone-number HTTP/1.1
```

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

```
{  
  "CallingName": "string"  
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

CallingName

The default outbound calling name for the account.

Type: String

Pattern: `^$|^[a-zA-Z0-9]{2,15}$`

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example updates the default outbound calling name for the administrator's AWS account.

Sample Request

```
PUT /settings/phone-number HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding:
identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-
Date: 20191028T185642Z Authorization: AUTHPARAMS Content-Length: 25 {"CallingName":
"myName"}
```

Sample Response

```
HTTP/1.1 204 No Content x-amzn-RequestId: 2bbca1c8-cf1e-438a-a3b1-b4a8f7db7227 Content-
Type: application/json Date: Mon, 28 Oct 2019 18:56:42 GMT Connection: keep-alive
```

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](#)

UpdateRoom

Updates room details, such as the room name, for a room in an Amazon Chime Enterprise account.

Request Syntax

```
POST /accounts/accountId/rooms/roomId HTTP/1.1
Content-type: application/json
```

```
{
  "Name": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

roomId

The room ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

Name

The room name.

Type: String

Required: No

Response Syntax

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

{
  "Room": {
    "AccountId": "string",
    "CreatedBy": "string",
    "CreatedTimestamp": "string",
    "Name": "string",
    "RoomId": "string",
    "UpdatedTimestamp": "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.

Room

The room details.

Type: [Room](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when

you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example updates the specified chat room name to teamRoom .

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45/rooms/abcd1e2d-3e45-6789-01f2-3g45h67i890j HTTP/1.1 Host: service.chime.aws.amazon.com
Accept-Encoding: identity User-Agent: aws-cli/1.16.293 Python/3.8.0 Windows/10
botocore/1.13.29 X-Amz-Date: 20191202T223318Z Authorization: AUTHPARAMS Content-Length: 21
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: e48fe3de-9a18-4ea2-b656-a00690a91f46 Content-Type: application/json Content-Length: 274
Date: Mon, 02 Dec 2019 22:33:19 GMT Connection: keep-alive {"Room": {"AccountId": "12a3456b-7c89-012d-3456-78901e23fg45", "CreatedBy": "arn:aws:iam::111122223333:user:alejandro", "CreatedTimestamp": "2019-12-02T22:29:31.549Z", "Name": "teamRoom", "RoomId": "abcd1e2d-3
```

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](#)

UpdateRoomMembership

Updates room membership details, such as the member role, for a room in an Amazon Chime Enterprise account. The member role designates whether the member is a chat room administrator or a general chat room member. The member role can be updated only for user IDs.

Request Syntax

```
POST /accounts/accountId/rooms/roomId/memberships/memberId HTTP/1.1
Content-type: application/json

{
  "Role": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

memberId

The member ID.

Pattern: `.*\S.*`

Required: Yes

roomId

The room ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

Role

The role of the member.

Type: String

Valid Values: Administrator | Member

Required: No

Response Syntax

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

{
  "RoomMembership": {
    "InvitedBy": "string",
    "Member": {
      "AccountId": "string",
      "Email": "string",
      "FullName": "string",
      "MemberId": "string",
      "MemberType": "string"
    },
    "Role": "string",
    "RoomId": "string",
    "UpdatedTimestamp": "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.

[RoomMembership](#)

The room membership details.

Type: [RoomMembership](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example updates the specified chat room member role to administrator.

Sample Request

```
POST /accounts/12a3456b-7c89-012d-3456-78901e23fg45/rooms/
abcd1e2d-3e45-6789-01f2-3g45h67i890j/memberships/1ab2345c-67de-8901-f23g-45h678901j2k
HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent:
aws-cli/1.16.293 Python/3.8.0 Windows/10 botocore/1.13.29 X-Amz-Date: 20191202T224022Z
Authorization: AUTHPARAMS Content-Length: 25 {"Role": "Administrator"}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: afe39bf2-b34c-40d3-8b0d-fd402971bc1c
Content-Type: application/json Content-Length: 388 Date: Mon, 02
Dec 2019 22:40:22 GMT Connection: keep-alive {"RoomMembership":
{"InvitedBy":"arn:aws:iam::111122223333:user/alejandro","Member":
{"AccountId":"12a3456b-7c89-012d-3456-78901e23fg45","Email":"janed@example.com","FullName":"Jan
Doe","MemberId":"1ab2345c-67de-8901-
f23g-45h678901j2k","MemberType":"User"},"Role":"Administrator","RoomId":"abcd1e2d-3e45-6789-01f
```

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](#)

UpdateUser

Updates user details for a specified user ID. Currently, only `LicenseType` updates are supported for this action.

Request Syntax

```
POST /accounts/accountId/users/userId HTTP/1.1
Content-type: application/json
```

```
{
  "AlexaForBusinessMetadata": {
    "AlexaForBusinessRoomArn": "string",
    "IsAlexaForBusinessEnabled": boolean
  },
  "LicenseType": "string",
  "UserType": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Pattern: `.*\S.*`

Required: Yes

userId

The user ID.

Pattern: `.*\S.*`

Required: Yes

Request Body

The request accepts the following data in JSON format.

AlexaForBusinessMetadata

The Alexa for Business metadata.

Type: [AlexaForBusinessMetadata](#) object

Required: No

LicenseType

The user license type to update. This must be a supported license type for the Amazon Chime account that the user belongs to.

Type: String

Valid Values: Basic | Plus | Pro | ProTrial

Required: No

UserType

The user type.

Type: String

Valid Values: PrivateUser | SharedDevice

Required: No

Response Syntax

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

{
  "User": {
    "AccountId": "string",
    "AlexaForBusinessMetadata": {
      "AlexaForBusinessRoomArn": "string",
      "IsAlexaForBusinessEnabled": boolean
    },
    "DisplayName": "string",
    "InvitedOn": "string",
    "LicenseType": "string",
```

```
"PersonalPIN": "string",
"PrimaryEmail": "string",
"PrimaryProvisionedNumber": "string",
"RegisteredOn": "string",
"UserId": "string",
"UserInvitationStatus": "string",
"UserRegistrationStatus": "string",
"UserType": "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.

User

The updated user details.

Type: [User](#) object

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example updates the specified details for the specified user.

Sample Request

```
POST /console/accounts/12a3456b-7c89-012d-3456-78901e23fg45/users/1ab2345c-67de-8901-f23g-45h678901j2k HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity
```

```
User-Agent: aws-cli/1.16.83 Python/3.6.6 Windows/10 botocore/1.12.73 X-Amz-Date:
20190108T215020Z Authorization: AUTHPARAMS Content-Length: 24 {"LicenseType": "Basic"}
```

Sample Response

```
HTTP/1.1 200 OK x-amzn-RequestId: 3a63e2de-eb6c-41cf-8b08-2b05a29ee461
Content-Type: application/json Content-Length: 441 Date: Tue, 08 Jan 2019
21:50:20 GMT Connection: keep-alive {"User": {"AccountId": null,"Delegates":
null,"Devices": null,"DisplayName": null,"EmailAlias": null,"FullName":
null,"InvitedOn": null,"IsProTrial": null,"LastActiveOn": null,"LicenseType":
null,"PersonalPIN": null,"PresenceVisibility": null,"PrimaryEmail":
null,"PrimaryProvisionedNumber": null,"RegisteredOn": null,"UserId":
"1ab2345c-67de-8901-f23g-45h678901j2k","UserInvitationStatus": null,"UserLocale":
null,"UserRegistrationStatus": null,"Vanity": null} }
```

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](#)

UpdateUserSettings

Updates the settings for the specified user, such as phone number settings.

Request Syntax

```
PUT /accounts/accountId/users/userId/settings HTTP/1.1
Content-type: application/json
```

```
{
  "UserSettings": {
    "Telephony": {
      "InboundCalling": boolean,
      "OutboundCalling": boolean,
      "SMS": boolean
    }
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

accountId

The Amazon Chime account ID.

Required: Yes

userId

The user ID.

Required: Yes

Request Body

The request accepts the following data in JSON format.

UserSettings

The user settings to update.

Type: [UserSettings](#) object

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

BadRequestException

The input parameters don't match the service's restrictions.

HTTP Status Code: 400

ForbiddenException

The client is permanently forbidden from making the request.

HTTP Status Code: 403

NotFoundException

One or more of the resources in the request does not exist in the system.

HTTP Status Code: 404

ServiceFailureException

The service encountered an unexpected error.

HTTP Status Code: 500

ServiceUnavailableException

The service is currently unavailable.

HTTP Status Code: 503

ThrottledClientException

The client exceeded its request rate limit.

HTTP Status Code: 429

UnauthorizedClientException

The client is not currently authorized to make the request.

HTTP Status Code: 401

Examples

In the following example or examples, the Authorization header contents(AUTHPARAMS) must be replaced with an AWS Signature Version 4 signature. For more information about creating these signatures, see [Signature Version 4 Signing Process](#) in the *AWS General Reference*.

You only need to learn how to sign HTTP requests if you intend to manually create them. When you use the [AWS Command Line Interface \(AWS CLI\)](#) or one of the [AWS SDKs](#) to make requests to AWS, these tools automatically sign the requests for you with the access key that you specify when you configure the tools. When you use these tools, you don't need to learn how to sign requests yourself.

Example

This example updates the settings for the specified user.

Sample Request

```
PUT /accounts/12a3456b-7c89-012d-3456-78901e23fg45/users/1ab2345c-67de-8901-f23g-45h678901j2k/settings HTTP/1.1 Host: service.chime.aws.amazon.com Accept-Encoding: identity User-Agent: aws-cli/1.16.170 Python/3.6.0 Windows/10 botocore/1.12.160 X-Amz-Date: 20190918T181826Z Authorization: AUTHPARAMS Content-Length: 95 {"UserSettings": {"Telephony": {"InboundCalling": true, "OutboundCalling": true, "SMS": true}}}
```

Sample Response

```
HTTP/1.1 204 No Content x-amzn-RequestId: 72ab9592-8aa8-4de1-9dd7-a8f84011261b Content-Type: application/json Date: Wed, 18 Sep 2019 18:18:27 GMT Connection: keep-alive
```

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 Chime 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:

- [Account](#)
- [AccountSettings](#)
- [AlexaForBusinessMetadata](#)
- [Bot](#)
- [BusinessCallingSettings](#)
- [ConversationRetentionSettings](#)
- [EventsConfiguration](#)
- [Invite](#)
- [Member](#)
- [MemberError](#)
- [MembershipItem](#)
- [OrderedPhoneNumber](#)
- [PhoneNumber](#)
- [PhoneNumberAssociation](#)
- [PhoneNumberCapabilities](#)
- [PhoneNumberCountry](#)
- [PhoneNumberError](#)
- [PhoneNumberOrder](#)
- [RetentionSettings](#)
- [Room](#)

- [RoomMembership](#)
- [RoomRetentionSettings](#)
- [SigninDelegateGroup](#)
- [TelephonySettings](#)
- [UpdatePhoneNumberRequestItem](#)
- [UpdateUserRequestItem](#)
- [User](#)
- [UserError](#)
- [UserSettings](#)
- [VoiceConnectorSettings](#)

Account

The Amazon Chime account details. An AWS account can have multiple Amazon Chime accounts.

Contents

AccountId

The Amazon Chime account ID.

Type: String

Required: Yes

AwsAccountId

The AWS account ID.

Type: String

Required: Yes

Name

The Amazon Chime account name.

Type: String

Required: Yes

AccountStatus

The status of the account.

Type: String

Valid Values: Suspended | Active

Required: No

AccountType

The Amazon Chime account type. For more information about different account types, see [Managing Your Amazon Chime Accounts](#) in the *Amazon Chime Administration Guide*.

Type: String

Valid Values: Team | EnterpriseDirectory | EnterpriseLWA | EnterpriseOIDC

Required: No

CreatedTimestamp

The Amazon Chime account creation timestamp, in ISO 8601 format.

Type: Timestamp

Required: No

DefaultLicense

The default license for the Amazon Chime account.

Type: String

Valid Values: Basic | Plus | Pro | ProTrial

Required: No

SignInDelegateGroups

The sign-in delegate groups associated with the account.

Type: Array of [SignInDelegateGroup](#) objects

Required: No

SupportedLicenses

Supported licenses for the Amazon Chime account.

Type: Array of strings

Valid Values: Basic | Plus | Pro | ProTrial

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](#)

AccountSettings

Settings related to the Amazon Chime account. This includes settings that start or stop remote control of shared screens, or start or stop the dial-out option in the Amazon Chime web application. For more information about these settings, see [Use the Policies Page](#) in the *Amazon Chime Administration Guide*.

Contents

DisableRemoteControl

Setting that stops or starts remote control of shared screens during meetings.

Type: Boolean

Required: No

EnableDialOut

Setting that allows meeting participants to choose the **Call me at a phone number** option. For more information, see [Join a Meeting without the Amazon Chime App](#).

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](#)

AlexaForBusinessMetadata

The Alexa for Business metadata associated with an Amazon Chime user, used to integrate Alexa for Business with a device.

Contents

AlexaForBusinessRoomArn

The ARN of the room resource.

Type: String

Required: No

IsAlexaForBusinessEnabled

Starts or stops Alexa for Business.

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](#)

Bot

A resource that allows Enterprise account administrators to configure an interface to receive events from Amazon Chime.

Contents

BotEmail

The bot email address.

Type: String

Required: No

BotId

The bot ID.

Type: String

Required: No

BotType

The bot type.

Type: String

Valid Values: ChatBot

Required: No

CreatedTimestamp

The bot creation timestamp, in ISO 8601 format.

Type: Timestamp

Required: No

Disabled

When true, the bot is stopped from running in your account.

Type: Boolean

Required: No

DisplayName

The bot display name.

Type: String

Required: No

SecurityToken

The security token used to authenticate Amazon Chime with the outgoing event endpoint.

Type: String

Required: No

UpdatedTimestamp

The updated bot timestamp, in ISO 8601 format.

Type: Timestamp

Required: No

UserId

The unique ID for the bot user.

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](#)

BusinessCallingSettings

The Amazon Chime Business Calling settings for the administrator's AWS account. Includes any Amazon S3 buckets designated for storing call detail records.

Contents

CdrBucket

The Amazon S3 bucket designated for call detail record storage.

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](#)

ConversationRetentionSettings

The retention settings that determine how long to retain conversation messages for an Amazon Chime Enterprise account.

Contents

RetentionDays

The number of days for which to retain conversation messages.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5475.

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](#)

EventsConfiguration

The configuration that allows a bot to receive outgoing events. Can be either an HTTPS endpoint or a Lambda function ARN.

Contents

BotId

The bot ID.

Type: String

Required: No

LambdaFunctionArn

Lambda function ARN that allows a bot to receive outgoing events.

Type: String

Required: No

OutboundEventsHTTPSEndpoint

HTTPS endpoint that allows a bot to receive outgoing events.

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](#)

Invite

Invitation object returned after emailing users to invite them to join the Amazon Chime Team account.

Contents

EmailAddress

The email address to which the invite is sent.

Type: String

Pattern: `.+@.+\. .+`

Required: No

EmailStatus

The status of the invite email.

Type: String

Valid Values: `NotSent` | `Sent` | `Failed`

Required: No

InviteId

The invite ID.

Type: String

Required: No

Status

The status of the invite.

Type: String

Valid Values: `Pending` | `Accepted` | `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](#)

Member

The member details, such as email address, name, member ID, and member type.

Contents

AccountId

The Amazon Chime account ID.

Type: String

Pattern: `.*\S.*`

Required: No

Email

The member email address.

Type: String

Required: No

FullName

The member name.

Type: String

Required: No

MemberId

The member ID (user ID or bot ID).

Type: String

Pattern: `.*\S.*`

Required: No

MemberType

The member type.

Type: String

Valid Values: User | Bot | Webhook

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](#)

MemberError

The list of errors returned when a member action results in an error.

Contents

ErrorCode

The error code.

Type: String

Valid Values: BadRequest | Conflict | Forbidden | NotFound | PreconditionFailed | ResourceLimitExceeded | ServiceFailure | AccessDenied | ServiceUnavailable | Throttled | Throttling | Unauthorized | Unprocessable | VoiceConnectorGroupAssociationsExist | PhoneNumberAssociationsExist

Required: No

ErrorMessage

The error message.

Type: String

Required: No

MemberId

The member ID.

Type: String

Pattern: `.*\S.*`

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

MembershipItem

Membership details, such as member ID and member role.

Contents

MemberId

The member ID.

Type: String

Pattern: `.*\S.*`

Required: No

Role

The member role.

Type: String

Valid Values: `Administrator` | `Member`

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](#)

OrderedPhoneNumber

A phone number for which an order has been placed.

Contents

E164PhoneNumber

The phone number, in E.164 format.

Type: String

Pattern: `^\+?[1-9]\d{1,14}$`

Required: No

Status

The phone number status.

Type: String

Valid Values: `Processing` | `Acquired` | `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](#)

PhoneNumber

A phone number used for Amazon Chime Business Calling or an Amazon Chime Voice Connector.

Contents

Associations

The phone number associations.

Type: Array of [PhoneNumberAssociation](#) objects

Required: No

CallingName

The outbound calling name associated with the phone number.

Type: String

Pattern: `^$|^[a-zA-Z0-9]{2,15}$`

Required: No

CallingNameStatus

The outbound calling name status.

Type: String

Valid Values: `Unassigned` | `UpdateInProgress` | `UpdateSucceeded` | `UpdateFailed`

Required: No

Capabilities

The phone number capabilities.

Type: [PhoneNumberCapabilities](#) object

Required: No

Country

The phone number country. Format: ISO 3166-1 alpha-2.

Type: String

Pattern: [A-Z]{2}

Required: No

CreatedTimestamp

The phone number creation timestamp, in ISO 8601 format.

Type: Timestamp

Required: No

DeletionTimestamp

The deleted phone number timestamp, in ISO 8601 format.

Type: Timestamp

Required: No

E164PhoneNumber

The phone number, in E.164 format.

Type: String

Pattern: ^\+?[1-9]\d{1,14}\$

Required: No

PhoneNumberId

The phone number ID.

Type: String

Required: No

ProductType

The phone number product type.

Type: String

Valid Values: BusinessCalling | VoiceConnector | SipMediaApplicationDialIn

Required: No

Status

The phone number status.

Type: String

Valid Values: `AcquireInProgress` | `AcquireFailed` | `Unassigned` | `Assigned` | `ReleaseInProgress` | `DeleteInProgress` | `ReleaseFailed` | `DeleteFailed`

Required: No

Type

The phone number type.

Type: String

Valid Values: `Local` | `TollFree`

Required: No

UpdatedTimestamp

The updated phone number timestamp, in ISO 8601 format.

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](#)

PhoneNumberAssociation

The phone number associations, such as Amazon Chime account ID, Amazon Chime user ID, Amazon Chime Voice Connector ID, or Amazon Chime Voice Connector group ID.

Contents

AssociatedTimestamp

The timestamp of the phone number association, in ISO 8601 format.

Type: Timestamp

Required: No

Name

Defines the association with an Amazon Chime account ID, user ID, Amazon Chime Voice Connector ID, or Amazon Chime Voice Connector group ID.

Type: String

Valid Values: AccountId | UserId | VoiceConnectorId | VoiceConnectorGroupId
| SipRuleId

Required: No

Value

Contains the ID for the entity specified in Name.

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](#)

PhoneNumberCapabilities

The phone number capabilities for Amazon Chime Business Calling phone numbers, such as enabled inbound and outbound calling and text messaging.

Contents

InboundCall

Allows or denies inbound calling for the specified phone number.

Type: Boolean

Required: No

InboundMMS

Allows or denies inbound MMS messaging for the specified phone number.

Type: Boolean

Required: No

InboundSMS

Allows or denies inbound SMS messaging for the specified phone number.

Type: Boolean

Required: No

OutboundCall

Allows or denies outbound calling for the specified phone number.

Type: Boolean

Required: No

OutboundMMS

Allows or denies outbound MMS messaging for the specified phone number.

Type: Boolean

Required: No

OutboundSMS

Allows or denies outbound SMS messaging for the specified phone number.

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](#)

PhoneNumberCountry

The phone number country.

Contents

CountryCode

The phone number country code. Format: ISO 3166-1 alpha-2.

Type: String

Pattern: [A-Z]{2}

Required: No

SupportedPhoneNumberTypes

The supported phone number types.

Type: Array of strings

Valid Values: Local | TollFree

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](#)

PhoneNumberError

If the phone number action fails for one or more of the phone numbers in the request, a list of the phone numbers is returned, along with error codes and error messages.

Contents

ErrorCode

The error code.

Type: String

Valid Values: BadRequest | Conflict | Forbidden | NotFound | PreconditionFailed | ResourceLimitExceeded | ServiceFailure | AccessDenied | ServiceUnavailable | Throttled | Throttling | Unauthorized | Unprocessable | VoiceConnectorGroupAssociationsExist | PhoneNumberAssociationsExist

Required: No

ErrorMessage

The error message.

Type: String

Required: No

PhoneNumberId

The phone number ID for which the action failed.

Type: String

Pattern: .*\\S.*

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

PhoneNumberOrder

The details of a phone number order created for Amazon Chime.

Contents

CreatedTimestamp

The phone number order creation time stamp, in ISO 8601 format.

Type: Timestamp

Required: No

OrderedPhoneNumbers

The ordered phone number details, such as the phone number in E.164 format and the phone number status.

Type: Array of [OrderedPhoneNumber](#) objects

Required: No

PhoneNumberOrderId

The phone number order ID.

Type: String

Pattern: `[a-fA-F0-9]{8}(?:-[a-fA-F0-9]{4}){3}-[a-fA-F0-9]{12}`

Required: No

ProductType

The phone number order product type.

Type: String

Valid Values: `BusinessCalling` | `VoiceConnector` | `SipMediaApplicationDialIn`

Required: No

Status

The status of the phone number order.

Type: String

Valid Values: Processing | Successful | Failed | Partial

Required: No

UpdatedTimestamp

The updated phone number order time stamp, in ISO 8601 format.

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](#)

RetentionSettings

The retention settings for an Amazon Chime Enterprise account that determine how long to retain items such as chat-room messages and chat-conversation messages.

Contents

ConversationRetentionSettings

The chat conversation retention settings.

Type: [ConversationRetentionSettings](#) object

Required: No

RoomRetentionSettings

The chat room retention settings.

Type: [RoomRetentionSettings](#) 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](#)

Room

The Amazon Chime chat room details.

Contents

AccountId

The Amazon Chime account ID.

Type: String

Pattern: `.*\S.*`

Required: No

CreatedBy

The identifier of the room creator.

Type: String

Pattern: `.*\S.*`

Required: No

CreatedTimestamp

The room creation timestamp, in ISO 8601 format.

Type: Timestamp

Required: No

Name

The room name.

Type: String

Required: No

RoomId

The room ID.

Type: String

Pattern: .*\\S.*

Required: No

UpdatedTimestamp

The room update timestamp, in ISO 8601 format.

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](#)

RoomMembership

The room membership details.

Contents

InvitedBy

The identifier of the user that invited the room member.

Type: String

Pattern: `.*\S.*`

Required: No

Member

The member details, such as email address, name, member ID, and member type.

Type: [Member](#) object

Required: No

Role

The membership role.

Type: String

Valid Values: `Administrator` | `Member`

Required: No

RoomId

The room ID.

Type: String

Pattern: `.*\S.*`

Required: No

UpdatedTimestamp

The room membership update timestamp, in ISO 8601 format.

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](#)

RoomRetentionSettings

The retention settings that determine how long to retain chat-room messages for an Amazon Chime Enterprise account.

Contents

RetentionDays

The number of days for which to retain chat-room messages.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5475.

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](#)

SignInDelegateGroup

An Active Directory (AD) group whose members are granted permission to act as delegates.

Contents

GroupName

The group name.

Type: String

Pattern: `.*\S.*`

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TelephonySettings

Settings that allow management of telephony permissions for an Amazon Chime user, such as inbound and outbound calling and text messaging.

Contents

InboundCalling

Allows or denies inbound calling.

Type: Boolean

Required: Yes

OutboundCalling

Allows or denies outbound calling.

Type: Boolean

Required: Yes

SMS

Allows or denies SMS messaging.

Type: Boolean

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UpdatePhoneNumberRequestItem

The phone number ID, product type, or calling name fields to update, used with the [BatchUpdatePhoneNumber](#) and [UpdatePhoneNumber](#) actions.

Contents

PhoneNumberId

The phone number ID to update.

Type: String

Pattern: `.*\S.*`

Required: Yes

CallingName

The outbound calling name to update.

Type: String

Pattern: `^$|^[a-zA-Z0-9]{2,15}$`

Required: No

ProductType

The product type to update.

Type: String

Valid Values: `BusinessCalling` | `VoiceConnector` | `SipMediaApplicationDialIn`

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](#)

UpdateUserRequestItem

The user ID and user fields to update, used with the [BatchUpdateUser](#) action.

Contents

UserId

The user ID.

Type: String

Pattern: `.*\S.*`

Required: Yes

AlexaForBusinessMetadata

The Alexa for Business metadata.

Type: [AlexaForBusinessMetadata](#) object

Required: No

LicenseType

The user license type.

Type: String

Valid Values: `Basic` | `Plus` | `Pro` | `ProTrial`

Required: No

UserType

The user type.

Type: String

Valid Values: `PrivateUser` | `SharedDevice`

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](#)

User

The user on the Amazon Chime account.

Contents

UserId

The user ID.

Type: String

Required: Yes

AccountId

The Amazon Chime account ID.

Type: String

Required: No

AlexaForBusinessMetadata

The Alexa for Business metadata.

Type: [AlexaForBusinessMetadata](#) object

Required: No

DisplayName

The display name of the user.

Type: String

Required: No

InvitedOn

Date and time when the user is invited to the Amazon Chime account, in ISO 8601 format.

Type: Timestamp

Required: No

LicenseType

The license type for the user.

Type: String

Valid Values: `Basic` | `Plus` | `Pro` | `ProTrial`

Required: No

PersonalPIN

The user's personal meeting PIN.

Type: String

Required: No

PrimaryEmail

The primary email address of the user.

Type: String

Pattern: `.+@.\.\.`

Required: No

PrimaryProvisionedNumber

The primary phone number associated with the user.

Type: String

Required: No

RegisteredOn

Date and time when the user is registered, in ISO 8601 format.

Type: Timestamp

Required: No

UserInvitationStatus

The user invite status.

Type: String

Valid Values: Pending | Accepted | Failed

Required: No

UserRegistrationStatus

The user registration status.

Type: String

Valid Values: Unregistered | Registered | Suspended

Required: No

UserType

The user type.

Type: String

Valid Values: PrivateUser | SharedDevice

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](#)

UserError

The list of errors returned when errors are encountered during the [BatchSuspendUser](#), [BatchUnsuspendUser](#), or [BatchUpdateUser](#) actions. This includes user IDs, error codes, and error messages.

Contents

ErrorCode

The error code.

Type: String

Valid Values: BadRequest | Conflict | Forbidden | NotFound | PreconditionFailed | ResourceLimitExceeded | ServiceFailure | AccessDenied | ServiceUnavailable | Throttled | Throttling | Unauthorized | Unprocessable | VoiceConnectorGroupAssociationsExist | PhoneNumberAssociationsExist

Required: No

ErrorMessage

The error message.

Type: String

Required: No

UserId

The user ID for which the action failed.

Type: String

Pattern: `.*\S.*`

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UserSettings

Settings associated with an Amazon Chime user, including inbound and outbound calling and text messaging.

Contents

Telephony

The telephony settings associated with the user.

Type: [TelephonySettings](#) 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](#)

VoiceConnectorSettings

The Amazon Chime Voice Connector settings. Includes any Amazon S3 buckets designated for storing call detail records.

Contents

CdrBucket

The Amazon S3 bucket designated for call detail record storage.

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](#)

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