



API Reference

AWS End User Messaging



API Version 2026-09-21

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AWS End User Messaging: API Reference

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Welcome

AWS End User Messaging provides a set of APIs to manage brand profiles, synchronize brand profile data with SMS and Rich Communication Services (RCS) registrations, and send and validate one-time passcodes across the SMS, voice, and WhatsApp channels.

This document was last published on October 8, 2026.

Actions

The following actions are supported:

- [CreateBrandProfile](#)
- [CreateBrandProfileAttributes](#)
- [CreateBrandProfileFromRegistration](#)
- [CreateNotifyCodeConfiguration](#)
- [CreateRegistrationsFromBrandProfile](#)
- [DeleteBrandProfile](#)
- [DeleteBrandProfileAttribute](#)
- [DeleteNotifyCodeConfiguration](#)
- [GetBrandProfile](#)
- [GetBrandProfileAttribute](#)
- [GetJob](#)
- [GetNotifyCodeConfiguration](#)
- [ListBrandProfileAttributes](#)
- [ListBrandProfiles](#)
- [ListJobs](#)
- [ListNotifyCodeConfigurations](#)
- [ListRegistrationsFromBrandProfile](#)
- [ListTagsForResource](#)
- [SendNotifyCodeVerification](#)
- [TagResource](#)
- [UntagResource](#)
- [UpdateBrandProfile](#)
- [UpdateBrandProfileAttribute](#)
- [UpdateBrandProfileFromRegistration](#)
- [UpdateNotifyCodeConfiguration](#)
- [UpdateRegistrationsFromBrandProfile](#)
- [ValidateNotifyCodeVerification](#)

CreateBrandProfile

Creates a brand profile. A brand profile is a lightweight container that holds your brand identity information as flexible attributes. After you create a brand profile, use the `CreateBrandProfileAttributes` operation to add company information, addresses, compliance documents, and logos.

Request Syntax

```
POST /v1/brand-profiles HTTP/1.1
Content-type: application/json

{
  "brandProfileName": "string",
  "clientToken": "string",
  "deletionProtectionEnabled": boolean,
  "tags": [
    {
      "key": "string",
      "value": "string"
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

brandProfileName

The name of the brand profile. The name can contain alphanumeric characters, underscores, hyphens, and spaces.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*`

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you do not specify a client token, the AWS SDK automatically generates one.

Type: String

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

Pattern: `[\x21-\x7E]+`

Required: No

deletionProtectionEnabled

Specifies whether deletion protection is enabled. When enabled, the resource cannot be deleted until deletion protection is turned off.

Type: Boolean

Required: No

tags

An array of key and value pair tags that are associated with the resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

Response Syntax

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

{
  "attributesCreated": number,
  "brandProfileArn": "string",
```

```
"brandProfileId": "string",  
"brandProfileName": "string",  
"createdAt": number,  
"deletionProtectionEnabled": boolean,  
"status": "string",  
"updatedAt": 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.

attributesCreated

The number of default attributes that were created for the brand profile.

Type: Integer

brandProfileArn

The Amazon Resource Name (ARN) of the brand profile.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

brandProfileId

The unique identifier of the brand profile.

Type: String

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

Pattern: `[A-Za-z0-9_:/-]+`

brandProfileName

The name of the brand profile. The name can contain alphanumeric characters, underscores, hyphens, and spaces.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_ -][A-Za-z0-9_ -]*`

createdAt

The time when the resource was created, in Unix epoch time.

Type: Timestamp

deletionProtectionEnabled

Specifies whether deletion protection is enabled. When enabled, the resource cannot be deleted until deletion protection is turned off.

Type: Boolean

status

The current lifecycle status of the brand profile.

Type: String

Valid Values: ACTIVE | BLOCKED | PAUSED | CANCELLED | FAILED

updatedAt

The time when the resource was last updated, in Unix epoch time.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would exceed a service quota for your account.

HTTP Status Code: 400

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

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

- [AWS SDK for Java V2](#)
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- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

CreateBrandProfileAttributes

Creates up to 10 attributes for a brand profile in a single request. For attributes of type IMAGE or DOCUMENT, the response includes a presigned Amazon S3 URL that you use to upload the media. This operation is atomic: either all of the attributes are created, or none of them are.

Request Syntax

```
POST /v1/brand-profiles/brandProfileId/attributes HTTP/1.1
Content-type: application/json

{
  "attributes": [
    {
      "attachmentBody": blob,
      "attributeName": "string",
      "attributeType": "string",
      "attributeValue": "string",
      "category": "string",
      "description": "string"
    }
  ],
  "clientToken": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Request Body

The request accepts the following data in JSON format.

attributes

The brand profile attributes.

Type: Array of [BrandProfileAttributeInput](#) objects

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

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you do not specify a client token, the AWS SDK automatically generates one.

Type: String

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

Pattern: `[\x21-\x7E]+`

Required: No

Response Syntax

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

{
  "attributes": [
    {
      "attributeName": "string",
      "attributeType": "string",
      "mediaDownloadUrl": "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.

attributes

The brand profile attributes.

Type: Array of [BrandProfileAttributeOutput](#) objects

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed a service quota for your account.

HTTP Status Code: 400

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

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

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

CreateBrandProfileFromRegistration

Creates a brand profile and populates its attributes from an existing registration. This operation runs asynchronously. Use the GetJob operation to track its progress.

Request Syntax

```
POST /v1/brand-profiles/create-from-registration HTTP/1.1
Content-type: application/json
```

```
{
  "brandProfileName": "string",
  "clientToken": "string",
  "registrationId": "string",
  "smartMatch": boolean,
  "tags": [
    {
      "key": "string",
      "value": "string"
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

brandProfileName

The name of the brand profile. The name can contain alphanumeric characters, underscores, hyphens, and spaces.

Type: String

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

Pattern: [A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*

Required: Yes

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you do not specify a client token, the AWS SDK automatically generates one.

Type: String

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

Pattern: `[\x21-\x7E]+`

Required: No

registrationId

The identifier or Amazon Resource Name (ARN) of the registration to populate the brand profile from.

Type: String

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

Pattern: `[A-Za-z0-9_:/- ]+`

Required: Yes

smartMatch

Specifies whether to use semantic field mapping between brand profile attributes and registration fields. The default is true. When false, the service maps fields using a fixed set of standard field types.

Type: Boolean

Required: No

tags

An array of key and value pair tags that are associated with the resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

Response Syntax

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

{
  "results": [
    {
      "jobId": "string",
      "resourceIdentifier": "string"
    }
  ]
}
```

Response Elements

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

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

results

The results of the operation. Each result pairs a requested item with the asynchronous job that processes it.

Type: Array of [JobResult](#) objects

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed a service quota for your account.

HTTP Status Code: 400

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

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

Creates a notify code configuration. A notify code configuration is a reusable policy that defines how one-time passcodes are generated and rendered, including the code type, length, validity period, maximum number of attempts, and channel templates.

Request Syntax

POST /v1/notify-code-configurations HTTP/1.1

Content-type: application/json

```
{
  "channelParameters": {
    "notify": {
      "notifyTemplateId": "string",
      "voiceId": "string"
    },
    "text": {
      "destinationCountryParameters": {
        "string" : "string"
      },
      "inlineTemplateBody": "string"
    },
    "voice": {
      "inlineTemplateBody": "string",
      "languageCode": "string",
      "voiceId": "string",
      "voiceMessageBodyTextType": "string"
    },
    "whatsApp": {
      "languageCode": "string",
      "whatsAppTemplateName": "string"
    }
  },
  "clientToken": "string",
  "codeConfigurationParameters": {
    "codeLength": number,
    "codeType": "string",
    "maxAttempts": number,
    "validityPeriodMinutes": number
  },
  "deletionProtectionEnabled": boolean,
```

```
"notifyCodeConfigurationName": "string",
"tags": [
  {
    "key": "string",
    "value": "string"
  }
]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

channelParameters

The channel-specific parameters used to render and deliver the one-time passcode. Provide parameters for any subset of channels. Each member configures one delivery route, and the route that is selected at send time uses the matching channel.

Type: [ChannelParameters](#) object

Required: No

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you do not specify a client token, the AWS SDK automatically generates one.

Type: String

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

Pattern: `[\x21-\x7E]+`

Required: No

codeConfigurationParameters

The passcode policy parameters, including the code type, length, validity period, and maximum number of attempts. Each member is optional. When you omit a member, no value is applied at create time and the default is applied when a passcode is sent.

Type: [CodeConfigurationParameters](#) object

Required: No

[deletionProtectionEnabled](#)

Specifies whether deletion protection is enabled. When enabled, the resource cannot be deleted until deletion protection is turned off.

Type: Boolean

Required: No

[notifyCodeConfigurationName](#)

The name of the notify code configuration.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*`

Required: Yes

[tags](#)

An array of key and value pair tags that are associated with the resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Required: No

Response Syntax

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

{
  "notifyCodeConfiguration": {
    "channelParameters": {
      "notify": {
        "notifyTemplateId": "string",
```

```

    "voiceId": "string"
  },
  "text": {
    "destinationCountryParameters": {
      "string" : "string"
    },
    "inlineTemplateBody": "string"
  },
  "voice": {
    "inlineTemplateBody": "string",
    "languageCode": "string",
    "voiceId": "string",
    "voiceMessageBodyTextType": "string"
  },
  "whatsApp": {
    "languageCode": "string",
    "whatsAppTemplateName": "string"
  }
},
"codeConfigurationParameters": {
  "codeLength": number,
  "codeType": "string",
  "maxAttempts": number,
  "validityPeriodMinutes": number
},
"createdAt": number,
"deletionProtectionEnabled": boolean,
"notifyCodeConfigurationArn": "string",
"notifyCodeConfigurationId": "string",
"notifyCodeConfigurationName": "string",
"updatedAt": 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.

notifyCodeConfiguration

The notify code configuration resource.

Type: [NotifyCodeConfiguration](#) object

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would exceed a service quota for your account.

HTTP Status Code: 400

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
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- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
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- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

CreateRegistrationsFromBrandProfile

Creates one or more registrations in the DRAFT state and prefills their fields from the attributes of a brand profile. This operation runs asynchronously. Use the GetJob operation to track its progress.

Request Syntax

```
POST /v1/brand-profiles/brandProfileId/create-registrations HTTP/1.1
Content-type: application/json

{
  "clientToken": "string",
  "registrationTypes": [ "string" ],
  "smartMatch": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you do not specify a client token, the AWS SDK automatically generates one.

Type: String

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

Pattern: `[\x21-\x7E]+`

Required: No

registrationTypes

The registration types to create, for example `US_TOLL_FREE_REGISTRATION` or `SENDER_ID`.

Type: Array of strings

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

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

Pattern: `[A-Za-z0-9_]+`

Required: Yes

smartMatch

Specifies whether to use semantic field mapping between brand profile attributes and registration fields. The default is true. When false, the service maps fields using a fixed set of standard field types.

Type: Boolean

Required: No

Response Syntax

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

{
  "results": [
    {
      "jobId": "string",
      "resourceIdentifier": "string"
    }
  ]
}
```

Response Elements

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

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

results

The results of the operation. Each result pairs a requested item with the asynchronous job that processes it.

Type: Array of [JobResult](#) objects

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

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

- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

DeleteBrandProfile

Deletes a brand profile. This operation also deletes the attributes of the profile and any associated media. The request fails if deletion protection is enabled for the profile.

Request Syntax

```
DELETE /v1/brand-profiles/brandProfileId+ HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "brandProfileArn": "string",
  "brandProfileId": "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.

brandProfileArn

The Amazon Resource Name (ARN) of the brand profile.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

brandProfileId

The unique identifier of the brand profile.

Type: String

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

Pattern: `[A-Za-z0-9_:/-]+`

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

DeleteBrandProfileAttribute

Deletes a brand profile attribute. If the attribute stores media, this operation also deletes the associated media.

Request Syntax

```
DELETE /v1/brand-profiles/brandProfileId/attributes/attributeName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

attributeName

The name of the brand profile attribute. The name is unique within a brand profile.

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

Pattern: [A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*

Required: Yes

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "attributeName": "string",
  "brandProfileId": "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.

[attributeName](#)

The name of the brand profile attribute. The name is unique within a brand profile.

Type: String

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

Pattern: [A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*

[brandProfileId](#)

The unique identifier of the brand profile.

Type: String

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

Pattern: [A-Za-z0-9_:/-]+

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

DeleteNotifyCodeConfiguration

Deletes a notify code configuration. Verifications that are already in progress are not affected, because they capture the policy at the time that the passcode was sent.

Request Syntax

```
DELETE /v1/notify-code-configurations/notifyCodeConfigurationId+ HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

notifyCodeConfigurationId

The unique identifier of the notify code configuration. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: `[A-Za-z0-9_:/- ]+`

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](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerError

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

GetBrandProfile

Retrieves the metadata for a brand profile, including its name, status, deletion protection setting, and timestamps. To retrieve the attributes of the profile, use the ListBrandProfileAttributes operation.

Request Syntax

```
GET /v1/brand-profiles/brandProfileId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "brandProfileArn": "string",
  "brandProfileId": "string",
  "brandProfileName": "string",
  "createdAt": number,
  "deletionProtectionEnabled": boolean,
```

```
"status": "string",  
"updatedAt": 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.

[brandProfileArn](#)

The Amazon Resource Name (ARN) of the brand profile.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

[brandProfileId](#)

The unique identifier of the brand profile.

Type: String

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

Pattern: `[A-Za-z0-9_:/-]+`

[brandProfileName](#)

The name of the brand profile. The name can contain alphanumeric characters, underscores, hyphens, and spaces.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*`

[createdAt](#)

The time when the resource was created, in Unix epoch time.

Type: Timestamp

deletionProtectionEnabled

Specifies whether deletion protection is enabled. When enabled, the resource cannot be deleted until deletion protection is turned off.

Type: Boolean

status

The current lifecycle status of the brand profile.

Type: String

Valid Values: ACTIVE | BLOCKED | PAUSED | CANCELLED | FAILED

updatedAt

The time when the resource was last updated, in Unix epoch time.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

GetBrandProfileAttribute

Retrieves a single brand profile attribute.

Request Syntax

```
GET /v1/brand-profiles/brandProfileId/attributes/attributeName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

attributeName

The name of the brand profile attribute. The name is unique within a brand profile.

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*`

Required: Yes

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: `[A-Za-z0-9_:/- ]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "attributeName": "string",
  "attributeType": "string",
  "attributeValue": "string",
  "category": "string",
  "createdAt": number,
  "description": "string",
  "mediaContentType": "string",
  "mediaDownloadUrl": "string",
  "mediaSizeBytes": number,
  "updatedAt": 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.

attributeName

The name of the brand profile attribute. The name is unique within a brand profile.

Type: String

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

Pattern: [A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*

attributeType

The type of the attribute. TEXT stores an inline value. IMAGE and DOCUMENT store binary media that you upload.

Type: String

Valid Values: TEXT | IMAGE | DOCUMENT

attributeValue

The text value of the attribute. This value applies to attributes of type TEXT.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

category

The category of the attribute.

Type: String

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

createdAt

The time when the resource was created, in Unix epoch time.

Type: Timestamp

description

A description of the attribute.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

mediaContentType

The MIME content type of the attribute media.

Type: String

mediaDownloadUrl

A presigned Amazon S3 URL that you can use to download the attribute media. The URL is valid for one hour and is present only for attributes of type IMAGE or DOCUMENT.

Type: String

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

mediaSizeBytes

The size of the attribute media, in bytes.

Type: Long

updatedAt

The time when the resource was last updated, in Unix epoch time.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

GetJob

Retrieves the current state of an asynchronous job, including its status and any resources that it created or updated.

Request Syntax

```
GET /v1/jobs/jobId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

jobId

The unique identifier of the asynchronous job. Use the GetJob operation to check the status of the job and to retrieve its results.

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

Pattern: [A-Za-z0-9_-]+

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "brandProfileId": "string",
  "createdAt": number,
  "errorCode": "string",
  "errorMessage": "string",
  "jobId": "string",
```

```
"operationType": "string",
"resources": [
  {
    "resourceArn": "string",
    "resourceId": "string",
    "resourceType": "string"
  }
],
"status": "string",
"updatedAt": 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.

brandProfileId

The brand profile that the job operates on. This value is absent for operations that create a brand profile.

Type: String

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

Pattern: [A-Za-z0-9_:/-]+

createdAt

The time when the resource was created, in Unix epoch time.

Type: Timestamp

errorCode

A machine-readable code that identifies why the job failed. This value is present only when the job status is FAILED.

Type: String

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

errorMessage

A human-readable description of why the job failed. This value is present only when the job status is FAILED.

Type: String

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

jobId

The unique identifier of the asynchronous job. Use the GetJob operation to check the status of the job and to retrieve its results.

Type: String

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

Pattern: [A-Za-z0-9_-]+

operationType

The type of mutating operation that created the job.

Type: String

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

resources

The resources that were created or updated by the job.

Type: Array of [JobResource](#) objects

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

status

The current lifecycle status of the job.

Type: String

Valid Values: SUCCESS | PROCESSING | FAILED

updatedAt

The time when the resource was last updated, in Unix epoch time.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

GetNotifyCodeConfiguration

Retrieves a notify code configuration.

Request Syntax

```
GET /v1/notify-code-configurations/notifyCodeConfigurationId+ HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[notifyCodeConfigurationId](#)

The unique identifier of the notify code configuration. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: `[A-Za-z0-9_:/- ]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "notifyCodeConfiguration": {
    "channelParameters": {
      "notify": {
        "notifyTemplateId": "string",
        "voiceId": "string"
      },

```

```
{
  "text": {
    "destinationCountryParameters": {
      "string": "string"
    },
    "inlineTemplateBody": "string"
  },
  "voice": {
    "inlineTemplateBody": "string",
    "languageCode": "string",
    "voiceId": "string",
    "voiceMessageBodyTextType": "string"
  },
  "whatsApp": {
    "languageCode": "string",
    "whatsAppTemplateName": "string"
  },
  "codeConfigurationParameters": {
    "codeLength": number,
    "codeType": "string",
    "maxAttempts": number,
    "validityPeriodMinutes": number
  },
  "createdAt": number,
  "deletionProtectionEnabled": boolean,
  "notifyCodeConfigurationArn": "string",
  "notifyCodeConfigurationId": "string",
  "notifyCodeConfigurationName": "string",
  "updatedAt": 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.

[notifyCodeConfiguration](#)

The notify code configuration resource.

Type: [NotifyCodeConfiguration](#) object

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

ListBrandProfileAttributes

Retrieves a paginated list of the attributes for a brand profile.

Request Syntax

```
GET /v1/brand-profiles/brandProfileId/attributes?  
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token to retrieve the next page of results. This value is returned when more results are available, and is null when there are no more results to return.

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

Pattern: . +

Request Body

The request does not have a request body.

Response Syntax

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

{
  "brandProfileAttributes": [
    {
      "attributeName": "string",
      "attributeType": "string",
      "category": "string",
      "createdAt": number,
      "description": "string",
      "updatedAt": number
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

[brandProfileAttributes](#)

The list of brand profile attributes.

Type: Array of [BrandProfileAttributeSummary](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

[nextToken](#)

The token to retrieve the next page of results. This value is returned when more results are available, and is null when there are no more results to return.

Type: String

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

Pattern: . +

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

ListBrandProfiles

Retrieves a paginated list of the brand profiles in your account. Use the `nextToken` parameter to retrieve additional results.

Request Syntax

```
GET /v1/brand-profiles?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token to retrieve the next page of results. This value is returned when more results are available, and is null when there are no more results to return.

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

Pattern: `.+`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "brandProfiles": [
    {
      "brandProfileArn": "string",
```

```
    "brandProfileId": "string",
    "brandProfileName": "string",
    "createdAt": number,
    "deletionProtectionEnabled": boolean,
    "status": "string",
    "updatedAt": number
  },
  "nextToken": "string"
}
```

Response Elements

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

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

brandProfiles

The list of brand profiles.

Type: Array of [BrandProfileInfo](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to retrieve the next page of results. This value is returned when more results are available, and is null when there are no more results to return.

Type: String

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

Pattern: . +

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

ListJobs

Retrieves a paginated list of the asynchronous jobs in your account. You can filter the results by status, brand profile, or operation type.

Request Syntax

```
GET /v1/jobs?  
brandProfileId=brandProfileId&maxResults=maxResults&nextToken=nextToken&operationType=operationType  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

brandProfileId

Filters the results to jobs for the specified brand profile.

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

Pattern: [A-Za-z0-9_:/-]+

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token to retrieve the next page of results. This value is returned when more results are available, and is null when there are no more results to return.

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

Pattern: . +

operationType

Filters the results to jobs of the specified operation type.

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

status

Filters the results to jobs that have the specified status.

Valid Values: SUCCESS | PROCESSING | FAILED

Request Body

The request does not have a request body.

Response Syntax

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

{
  "jobs": [
    {
      "brandProfileId": "string",
      "createdAt": number,
      "errorCode": "string",
      "errorMessage": "string",
      "jobId": "string",
      "operationType": "string",
      "resources": [
        {
          "resourceArn": "string",
          "resourceId": "string",
          "resourceType": "string"
        }
      ],
      "status": "string",
      "updatedAt": number
    }
  ],
  "nextToken": "string"
}
```

Response Elements

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

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

jobs

The list of asynchronous jobs.

Type: Array of [JobSummary](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

nextToken

The token to retrieve the next page of results. This value is returned when more results are available, and is null when there are no more results to return.

Type: String

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

Pattern: . +

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

ListNotifyCodeConfigurations

Retrieves a paginated list of the notify code configurations in your account.

Request Syntax

```
GET /v1/notify-code-configurations?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token to retrieve the next page of results. This value is returned when more results are available, and is null when there are no more results to return.

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

Pattern: . +

Request Body

The request does not have a request body.

Response Syntax

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

{
  "nextToken": "string",
  "notifyCodeConfigurations": [
    {
```

```

    "channelParameters": {
      "notify": {
        "notifyTemplateId": "string",
        "voiceId": "string"
      },
      "text": {
        "destinationCountryParameters": {
          "string" : "string"
        },
        "inlineTemplateBody": "string"
      },
      "voice": {
        "inlineTemplateBody": "string",
        "languageCode": "string",
        "voiceId": "string",
        "voiceMessageBodyTextType": "string"
      },
      "whatsApp": {
        "languageCode": "string",
        "whatsAppTemplateName": "string"
      }
    },
    "codeConfigurationParameters": {
      "codeLength": number,
      "codeType": "string",
      "maxAttempts": number,
      "validityPeriodMinutes": number
    },
    "createdAt": number,
    "deletionProtectionEnabled": boolean,
    "notifyCodeConfigurationArn": "string",
    "notifyCodeConfigurationId": "string",
    "notifyCodeConfigurationName": "string",
    "updatedAt": number
  }
]
}

```

Response Elements

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

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

nextToken

The token to retrieve the next page of results. This value is returned when more results are available, and is null when there are no more results to return.

Type: String

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

Pattern: . +

notifyCodeConfigurations

The list of notify code configurations.

Type: Array of [NotifyCodeConfiguration](#) objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

ListRegistrationsFromBrandProfile

Retrieves a paginated list of the registrations that were created from a brand profile through the synchronization operations.

Request Syntax

```
GET /v1/brand-profiles/brandProfileId/registrations?  
maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: `[A-Za-z0-9_:/- ]+`

Required: Yes

maxResults

The maximum number of results to return per page.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The token to retrieve the next page of results. This value is returned when more results are available, and is null when there are no more results to return.

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

Pattern: `.+`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "nextToken": "string",
  "registrationAssociations": [
    {
      "createdAt": number,
      "registrationId": "string",
      "registrationType": "string",
      "smartMatchUsed": 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.

nextToken

The token to retrieve the next page of results. This value is returned when more results are available, and is null when there are no more results to return.

Type: String

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

Pattern: . +

registrationAssociations

The list of registrations that are associated with the brand profile.

Type: Array of [RegistrationAssociationSummary](#) objects

Array Members: Minimum number of 0 items. Maximum number of 100 items.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

Retrieves the tags that are associated with a resource.

Request Syntax

```
GET /v1/tags/resourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "tags": [
    {
      "key": "string",
      "value": "string"
    }
  ]
}
```

Response Elements

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

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

tags

An array of key and value pair tags that are associated with the resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 0 items. Maximum number of 50 items.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

SendNotifyCodeVerification

Generates a one-time passcode and delivers it to a recipient over the requested channel. The passcode policy is captured from the referenced notify code configuration at the time of the request, so later updates to the configuration do not affect verifications that are already in progress.

Request Syntax

```
POST /v1/notify-code-verifications/send HTTP/1.1
```

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

```
{
  "channel": "string",
  "configurationSetName": "string",
  "context": {
    "string" : "string"
  },
  "destinationIdentity": "string",
  "notifyCodeConfiguration": "string",
  "originationIdentity": "string",
  "overrideChannelParameters": {
    "notify": {
      "notifyTemplateId": "string",
      "voiceId": "string"
    },
    "text": {
      "destinationCountryParameters": {
        "string" : "string"
      },
      "inlineTemplateBody": "string"
    },
    "voice": {
      "inlineTemplateBody": "string",
      "languageCode": "string",
      "voiceId": "string",
      "voiceMessageBodyTextType": "string"
    },
    "whatsApp": {
      "languageCode": "string",
      "whatsAppTemplateName": "string"
    }
  }
}
```

```
},  
  "overrideCodeConfigurationParameters": {  
    "codeLength": number,  
    "codeType": "string",  
    "maxAttempts": number,  
    "validityPeriodMinutes": number  
  },  
  "referenceId": "string"  
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[channel](#)

The channel used to deliver the one-time passcode to the recipient.

Type: String

Valid Values: TEXT | VOICE | WHATSAPP

Required: Yes

[configurationSetName](#)

The name of the configuration set used to control how delivery events for the message are handled.

Type: String

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

Pattern: [A-Za-z0-9_-]+

Required: No

[context](#)

A map of custom key and value pairs that are propagated to the delivery events for this verification.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 5 items.

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

Key Pattern: \S+

Value Length Constraints: Minimum length of 1. Maximum length of 800.

Value Pattern: \S(?:[\s\S]*\S)?

Required: No

destinationIdentity

The recipient identifier. For the TEXT and VOICE channels, specify an E.164 phone number. For the WhatsApp channel, specify a WhatsApp address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: [\x21-\x22\x24-\x7E]+

Required: Yes

notifyCodeConfiguration

The identifier or Amazon Resource Name (ARN) of the notify code configuration that supplies the passcode policy and template defaults. When you do not specify a configuration, you must supply the template in the request.

Type: String

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

Pattern: [A-Za-z0-9_:/-]+

Required: No

originationIdentity

The identity used to send the message, such as a phone number, sender ID, or pool that is owned by your account.

Type: String

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

Pattern: `[A-Za-z0-9_:/+ - ]+`

Required: Yes

[overrideChannelParameters](#)

The channel-specific parameters used to render and deliver the one-time passcode for this request. The route that is derived from the channel and the origination identity selects the matching channel. When you do not specify channel parameters, the service uses the parameters from the referenced notify code configuration.

Type: [ChannelParameters](#) object

Required: No

[overrideCodeConfigurationParameters](#)

The per-send overrides for the passcode policy parameters, including the code type, length, validity period, and maximum number of attempts. These values override the values from the referenced notify code configuration. When you do not specify a value, the value from the configuration is used, and if neither is set, the service default applies.

Type: [CodeConfigurationParameters](#) object

Required: No

[referenceId](#)

A caller-supplied reference identifier that binds a send request to a later validate request. Specify the same value in both requests.

Type: String

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

Pattern: `[A-Za-z0-9_- ]+`

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "messageId": "string",
  "verificationId": "string"
}
```

Response Elements

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

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

messageId

The service-generated identifier for the message that delivers the one-time passcode.

Type: String

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

Pattern: [A-Za-z0-9_:/-]+

verificationId

The service-generated identifier for the verification.

Type: String

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

Pattern: [A-Za-z0-9_:/-]+

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed a service quota for your account.

HTTP Status Code: 400

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

TagResource

Adds or overwrites the tags on a resource.

Request Syntax

```
POST /v1/tags/resourceArn HTTP/1.1
Content-type: application/json
```

```
{
  "tags": [
    {
      "key": "string",
      "value": "string"
    }
  ]
}
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

An array of key and value pair tags that are associated with the resource.

Type: Array of [Tag](#) objects

Array Members: Minimum number of 1 item. Maximum number of 50 items.

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 do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ServiceQuotaExceededException

The request would exceed a service quota for your account.

HTTP Status Code: 400

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Removes the specified tags from a resource.

Request Syntax

```
DELETE /v1/tags/resourceArn?tagKeys=tagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource.

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

tagKeys

The list of tag keys to remove from the resource.

Array Members: Minimum number of 1 item.

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

Pattern: `.+`

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](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

UpdateBrandProfile

Updates the name or the deletion protection setting of a brand profile. To change the information that is stored in the profile, use the brand profile attribute operations.

Request Syntax

```
PUT /v1/brand-profiles/brandProfileId+ HTTP/1.1
Content-type: application/json
```

```
{
  "brandProfileName": "string",
  "deletionProtectionEnabled": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Request Body

The request accepts the following data in JSON format.

brandProfileName

The name of the brand profile. The name can contain alphanumeric characters, underscores, hyphens, and spaces.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_ -][A-Za-z0-9_ -]*`

Required: No

deletionProtectionEnabled

Specifies whether deletion protection is enabled. When enabled, the resource cannot be deleted until deletion protection is turned off.

Type: Boolean

Required: No

Response Syntax

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

{
  "brandProfileArn": "string",
  "brandProfileId": "string",
  "brandProfileName": "string",
  "createdAt": number,
  "deletionProtectionEnabled": boolean,
  "status": "string",
  "updatedAt": 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.

brandProfileArn

The Amazon Resource Name (ARN) of the brand profile.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

brandProfileId

The unique identifier of the brand profile.

Type: String

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

Pattern: `[A-Za-z0-9_:/-]+`

brandProfileName

The name of the brand profile. The name can contain alphanumeric characters, underscores, hyphens, and spaces.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*`

createdAt

The time when the resource was created, in Unix epoch time.

Type: Timestamp

deletionProtectionEnabled

Specifies whether deletion protection is enabled. When enabled, the resource cannot be deleted until deletion protection is turned off.

Type: Boolean

status

The current lifecycle status of the brand profile.

Type: String

Valid Values: ACTIVE | BLOCKED | PAUSED | CANCELLED | FAILED

updatedAt

The time when the resource was last updated, in Unix epoch time.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

UpdateBrandProfileAttribute

Updates the value, description, or category of an existing brand profile attribute.

Request Syntax

```
PUT /v1/brand-profiles/brandProfileId/attributes/attributeName HTTP/1.1
Content-type: application/json

{
  "attachmentBody": blob,
  "attributeValue": "string",
  "category": "string",
  "description": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

attributeName

The name of the brand profile attribute. The name is unique within a brand profile.

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

Pattern: [A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*

Required: Yes

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Request Body

The request accepts the following data in JSON format.

attachmentBody

The binary content for an attribute of type IMAGE or DOCUMENT. The content is base64-encoded when it is sent over the wire.

Type: Base64-encoded binary data object

Required: No

attributeValue

The text value of the attribute. This value applies to attributes of type TEXT.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

Required: No

category

The category of the attribute.

Type: String

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

Required: No

description

A description of the attribute.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Required: No

Response Syntax

```
HTTP/1.1 200
```

Content-type: application/json

```
{
  "attributeName": "string",
  "attributeType": "string",
  "attributeValue": "string",
  "category": "string",
  "createdAt": number,
  "description": "string",
  "mediaContentType": "string",
  "mediaSizeBytes": number,
  "updatedAt": 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.

[attributeName](#)

The name of the brand profile attribute. The name is unique within a brand profile.

Type: String

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

Pattern: [A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*

[attributeType](#)

The type of the attribute. TEXT stores an inline value. IMAGE and DOCUMENT store binary media that you upload.

Type: String

Valid Values: TEXT | IMAGE | DOCUMENT

[attributeValue](#)

The text value of the attribute. This value applies to attributes of type TEXT.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

category

The category of the attribute.

Type: String

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

createdAt

The time when the resource was created, in Unix epoch time.

Type: Timestamp

description

A description of the attribute.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

mediaContentType

The MIME content type of the attribute media.

Type: String

mediaSizeBytes

The size of the attribute media, in bytes.

Type: Long

updatedAt

The time when the resource was last updated, in Unix epoch time.

Type: Timestamp

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

UpdateBrandProfileFromRegistration

Imports or refreshes the attributes of an existing brand profile from an existing registration. This operation runs asynchronously. Use the GetJob operation to track its progress.

Request Syntax

```
POST /v1/brand-profiles/brandProfileId/update-from-registration HTTP/1.1
Content-type: application/json
```

```
{
  "clientToken": "string",
  "onAttributeConflict": "string",
  "registrationId": "string",
  "smartMatch": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you do not specify a client token, the AWS SDK automatically generates one.

Type: String

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

Pattern: `[\x21-\x7E]+`

Required: No

[onAttributeConflict](#)

Specifies how the service resolves an attribute that already exists. REPLACE overwrites the existing value with the incoming value. PRESERVE keeps the existing value.

Type: String

Valid Values: REPLACE | PRESERVE

Required: No

[registrationId](#)

The identifier or Amazon Resource Name (ARN) of the registration to import attributes from.

Type: String

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

Pattern: `[A-Za-z0-9_:/- ]+`

Required: Yes

[smartMatch](#)

Specifies whether to use semantic field mapping between brand profile attributes and registration fields. The default is true. When false, the service maps fields using a fixed set of standard field types.

Type: Boolean

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "results": [
    {
      "jobId": "string",
      "resourceIdentifier": "string"
    }
  ]
}
```

Response Elements

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

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

[results](#)

The results of the operation. Each result pairs a requested item with the asynchronous job that processes it.

Type: Array of [JobResult](#) objects

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

UpdateNotifyCodeConfiguration

Updates the mutable fields of a notify code configuration. Only the fields that you supply are changed. For the template and language fields, supplying an empty value clears the currently stored value.

Request Syntax

```
PUT /v1/notify-code-configurations/notifyCodeConfigurationId HTTP/1.1
```

Content-type: application/json

```
{
  "channelParameters": {
    "notify": {
      "notifyTemplateId": "string",
      "voiceId": "string"
    },
    "text": {
      "destinationCountryParameters": {
        "string" : "string"
      },
      "inlineTemplateBody": "string"
    },
    "voice": {
      "inlineTemplateBody": "string",
      "languageCode": "string",
      "voiceId": "string",
      "voiceMessageBodyTextType": "string"
    },
    "whatsApp": {
      "languageCode": "string",
      "whatsAppTemplateName": "string"
    }
  },
  "codeConfigurationParameters": {
    "codeLength": number,
    "codeType": "string",
    "maxAttempts": number,
    "validityPeriodMinutes": number
  },
  "deletionProtectionEnabled": boolean,
  "notifyCodeConfigurationName": "string"
}
```

```
}
```

URI Request Parameters

The request uses the following URI parameters.

[notifyCodeConfigurationId](#)

The unique identifier of the notify code configuration. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: `[A-Za-z0-9_:/- ]+`

Required: Yes

Request Body

The request accepts the following data in JSON format.

[channelParameters](#)

The updated channel-specific parameters used to render and deliver the one-time passcode. This is a loose, nested update: when you omit a channel, that channel's parameters remain unchanged. Within a supplied channel, an empty string on a string member, or an empty map on the destination-country parameters, clears the currently stored value, and absent members preserve the current value.

Type: [UpdateChannelParameters](#) object

Required: No

[codeConfigurationParameters](#)

The updated passcode policy parameters, including the code type, length, validity period, and maximum number of attempts. When you omit a member, its current value is preserved.

Type: [UpdateCodeConfigurationParameters](#) object

Required: No

deletionProtectionEnabled

Specifies whether deletion protection is enabled. When enabled, the resource cannot be deleted until deletion protection is turned off.

Type: Boolean

Required: No

notifyCodeConfigurationName

The name of the notify code configuration.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*`

Required: No

Response Syntax

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

{
  "notifyCodeConfiguration": {
    "channelParameters": {
      "notify": {
        "notifyTemplateId": "string",
        "voiceId": "string"
      },
      "text": {
        "destinationCountryParameters": {
          "string" : "string"
        },
        "inlineTemplateBody": "string"
      },
      "voice": {
        "inlineTemplateBody": "string",
        "languageCode": "string",
        "voiceId": "string",
```

```
    "voiceMessageBodyTextType": "string",
  },
  "whatsApp": {
    "languageCode": "string",
    "whatsAppTemplateName": "string"
  }
},
"codeConfigurationParameters": {
  "codeLength": number,
  "codeType": "string",
  "maxAttempts": number,
  "validityPeriodMinutes": number
},
"createdAt": number,
"deletionProtectionEnabled": boolean,
"notifyCodeConfigurationArn": "string",
"notifyCodeConfigurationId": "string",
"notifyCodeConfigurationName": "string",
"updatedAt": 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.

notifyCodeConfiguration

The notify code configuration resource.

Type: [NotifyCodeConfiguration](#) object

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

UpdateRegistrationsFromBrandProfile

Repushes the attributes of a brand profile into existing DRAFT registrations. This operation runs asynchronously. Use the GetJob operation to track its progress.

Request Syntax

```
POST /v1/brand-profiles/brandProfileId/update-registrations HTTP/1.1
Content-type: application/json

{
  "clientToken": "string",
  "onAttributeConflict": "string",
  "registrationIds": [ "string" ],
  "smartMatch": boolean
}
```

URI Request Parameters

The request uses the following URI parameters.

brandProfileId

The unique identifier of the brand profile. You can specify either the bare ID or the full Amazon Resource Name (ARN).

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

Pattern: [A-Za-z0-9_:/-]+

Required: Yes

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you do not specify a client token, the AWS SDK automatically generates one.

Type: String

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

Pattern: `[\x21-\x7E]+`

Required: No

onAttributeConflict

Specifies how the service resolves an attribute that already exists. REPLACE overwrites the existing value with the incoming value. PRESERVE keeps the existing value.

Type: String

Valid Values: REPLACE | PRESERVE

Required: No

registrationIds

The identifiers of the registrations.

Type: Array of strings

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

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

Pattern: `[A-Za-z0-9_:/- ]+`

Required: Yes

smartMatch

Specifies whether to use semantic field mapping between brand profile attributes and registration fields. The default is true. When false, the service maps fields using a fixed set of standard field types.

Type: Boolean

Required: No

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "results": [
    {
      "jobId": "string",
      "resourceIdentifier": "string"
    }
  ]
}
```

Response Elements

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

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

[results](#)

The results of the operation. Each result pairs a requested item with the asynchronous job that processes it.

Type: Array of [JobResult](#) objects

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that the request conflicts with.

resourceType

The type of the resource that the request conflicts with.

HTTP Status Code: 409

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ResourceNotFoundException

The request references a resource that does not exist. Verify that the resource identifier is correct and try your request again.

resourceId

The identifier of the resource that could not be found.

resourceType

The type of the resource that could not be found.

HTTP Status Code: 404

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

ValidateNotifyCodeVerification

Validates a one-time passcode that a recipient submitted. Validation succeeds when the passcode matches, the validity period has not elapsed, and the maximum number of attempts has not been exceeded.

Request Syntax

```
POST /v1/notify-code-verifications/validate HTTP/1.1
Content-type: application/json
```

```
{
  "code": "string",
  "destinationIdentity": "string",
  "referenceId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

code

The one-time passcode that the recipient submitted for validation.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 8.

Pattern: [A-Za-z0-9]+

Required: Yes

destinationIdentity

The recipient identifier. For the TEXT and VOICE channels, specify an E.164 phone number. For the WhatsApp channel, specify a WhatsApp address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: `[\x21-\x22\x24-\x7E]+`

Required: Yes

referenceId

The caller-supplied reference identifier used to locate the verification. This value must match the value that you supplied to the `SendNotifyCodeVerification` operation.

Type: String

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

Pattern: `[A-Za-z0-9_-]+`

Required: No

Response Syntax

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

{
  "status": "string"
}
```

Response Elements

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

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

status

The outcome of the validation attempt. `VALID` indicates that the submitted passcode matched an active verification. `INVALID` indicates that the passcode did not match, expired, or exceeded its attempt limit.

Type: String

Valid Values: VALID | INVALID

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

An unexpected error occurred during the processing of the request.

HTTP Status Code: 500

ThrottlingException

The request was denied because it exceeded the allowed request rate.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service. Check your request parameters and retry the request.

HTTP Status Code: 400

See Also

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

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

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python \(Boto3\)](#)
- [AWS SDK for Ruby V3](#)

Data Types

The AWS End User Messaging 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:

- [BrandProfileAttributeInput](#)
- [BrandProfileAttributeOutput](#)
- [BrandProfileAttributeSummary](#)
- [BrandProfileInfo](#)
- [ChannelParameters](#)
- [CodeConfigurationParameters](#)
- [JobResource](#)
- [JobResult](#)
- [JobSummary](#)
- [NotifyCodeConfiguration](#)
- [NotifyParameters](#)
- [RegistrationAssociationSummary](#)
- [Tag](#)
- [TextParameters](#)
- [UpdateChannelParameters](#)
- [UpdateCodeConfigurationParameters](#)
- [UpdateNotifyParameters](#)
- [UpdateTextParameters](#)
- [UpdateVoiceParameters](#)
- [UpdateWhatsAppParameters](#)

- [ValidationExceptionField](#)
- [VoiceParameters](#)
- [WhatsAppParameters](#)

BrandProfileAttributeInput

Specifies an attribute to create for a brand profile.

Contents

attributeName

The name of the brand profile attribute. The name is unique within a brand profile.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_ -][A-Za-z0-9_ -]*`

Required: Yes

attributeType

The type of the attribute. TEXT stores an inline value. IMAGE and DOCUMENT store binary media that you upload.

Type: String

Valid Values: TEXT | IMAGE | DOCUMENT

Required: Yes

attachmentBody

The binary content for an attribute of type IMAGE or DOCUMENT. The content is base64-encoded when it is sent over the wire.

Type: Base64-encoded binary data object

Length Constraints: Minimum length of 1. Maximum length of 5242880.

Required: No

attributeValue

The text value for the attribute. This value applies to attributes of type TEXT. For attributes of type IMAGE or DOCUMENT, provide the media through the attachment body instead.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 4096.

Required: No

category

The category of the attribute.

Type: String

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

Required: No

description

A description of the attribute.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

BrandProfileAttributeOutput

Contains information about an attribute that was created for a brand profile.

Contents

attributeName

The name of the brand profile attribute. The name is unique within a brand profile.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_ -][A-Za-z0-9_ -]*`

Required: Yes

attributeType

The type of the attribute. TEXT stores an inline value. IMAGE and DOCUMENT store binary media that you upload.

Type: String

Valid Values: TEXT | IMAGE | DOCUMENT

Required: Yes

mediaDownloadUrl

A presigned Amazon S3 URL that you can use to download the attribute media. The URL is valid for one hour and is present only for attributes of type IMAGE or DOCUMENT.

Type: String

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

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

BrandProfileAttributeSummary

Contains summary information about a brand profile attribute in a list response.

Contents

attributeName

The name of the brand profile attribute. The name is unique within a brand profile.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_ -][A-Za-z0-9_ -]*`

Required: Yes

attributeType

The type of the attribute. TEXT stores an inline value. IMAGE and DOCUMENT store binary media that you upload.

Type: String

Valid Values: TEXT | IMAGE | DOCUMENT

Required: Yes

createdAt

The time when the resource was created, in Unix epoch time.

Type: Timestamp

Required: Yes

updatedAt

The time when the resource was last updated, in Unix epoch time.

Type: Timestamp

Required: Yes

category

The category of the attribute.

Type: String

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

Required: No

description

A description of the attribute.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

BrandProfileInfo

Contains information about a brand profile.

Contents

brandProfileArn

The Amazon Resource Name (ARN) of the brand profile.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

brandProfileId

The unique identifier of the brand profile.

Type: String

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

Pattern: `[A-Za-z0-9_:/-]+`

Required: Yes

brandProfileName

The name of the brand profile. The name can contain alphanumeric characters, underscores, hyphens, and spaces.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_-][A-Za-z0-9_ -]*`

Required: Yes

createdAt

The time when the resource was created, in Unix epoch time.

Type: Timestamp

Required: Yes

deletionProtectionEnabled

Specifies whether deletion protection is enabled. When enabled, the resource cannot be deleted until deletion protection is turned off.

Type: Boolean

Required: Yes

status

The current lifecycle status of the brand profile.

Type: String

Valid Values: ACTIVE | BLOCKED | PAUSED | CANCELLED | FAILED

Required: Yes

updatedAt

The time when the resource was last updated, in Unix epoch time.

Type: Timestamp

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ChannelParameters

The channel-specific parameters used to render and deliver a one-time passcode. Each member configures the parameters for one delivery route. Populate only the channels that a configuration or send request supports. A notify code configuration can carry every channel at once, and a send request resolves to a single route that selects the matching channel at send time.

Contents

notify

The parameters for the preapproved notify-template route over the SMS or voice channels.

Type: [NotifyParameters](#) object

Required: No

text

The parameters for the text channel, which delivers over SMS or RCS.

Type: [TextParameters](#) object

Required: No

voice

The parameters for the voice channel.

Type: [VoiceParameters](#) object

Required: No

whatsApp

The parameters for the WhatsApp channel.

Type: [WhatsAppParameters](#) 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](#)

CodeConfigurationParameters

The passcode policy parameters that are grouped for reuse across a notify code configuration and its create request. Each member is optional. When you omit a member on a create request, no value is applied at create time and the default is applied when a passcode is sent.

Contents

codeLength

The number of characters in the one-time passcode. Valid values range from 4 through 8. When you do not specify a value, the default is applied when a passcode is sent.

Type: Integer

Valid Range: Minimum value of 4. Maximum value of 8.

Required: No

codeType

The character set used to generate the one-time passcode. Valid values are NUMERIC (digits only), ALPHA (uppercase letters only), and ALPHANUMERIC (uppercase letters and digits). When you do not specify a value, the default is applied when a passcode is sent.

Type: String

Valid Values: NUMERIC | ALPHA | ALPHANUMERIC

Required: No

maxAttempts

The maximum number of validation attempts that are allowed before the verification is locked. Valid values range from 1 through 5. When you do not specify a value, the default is applied when a passcode is sent.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5.

Required: No

validityPeriodMinutes

The length of time, in minutes, that the one-time passcode remains valid. Valid values range from 1 through 60. When you do not specify a value, the default is applied when a passcode is sent.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 60.

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

JobResource

Contains information about a resource that was created or updated by an asynchronous job.

Contents

resourceArn

The Amazon Resource Name (ARN) of the resource.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

resourceId

The identifier of the resource that the job created or updated.

Type: String

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

Pattern: `[A-Za-z0-9_:/-]+`

Required: Yes

resourceType

The type of the resource that the job created or updated.

Type: String

Valid Values: REGISTRATION | BRAND_PROFILE

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](#)

JobResult

Pairs an asynchronous job with the resource identifier from your request that the job processes.

Contents

jobId

The unique identifier of the asynchronous job. Use the `GetJob` operation to check the status of the job and to retrieve its results.

Type: String

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

Pattern: `[A-Za-z0-9_-]+`

Required: Yes

resourceIdentifier

The identifier from your request that this job is processing.

Type: String

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

Pattern: `[\S]+`

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](#)

JobSummary

Contains summary information about an asynchronous job in a list response.

Contents

createdAt

The time when the resource was created, in Unix epoch time.

Type: Timestamp

Required: Yes

jobId

The unique identifier of the asynchronous job. Use the GetJob operation to check the status of the job and to retrieve its results.

Type: String

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

Pattern: [A-Za-z0-9_-]+

Required: Yes

operationType

The type of mutating operation that created the job.

Type: String

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

Required: Yes

status

The current lifecycle status of the job.

Type: String

Valid Values: SUCCESS | PROCESSING | FAILED

Required: Yes

updatedAt

The time when the resource was last updated, in Unix epoch time.

Type: Timestamp

Required: Yes

brandProfileId

The brand profile that the job operates on. This value is absent for operations that create a brand profile.

Type: String

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

Pattern: [A-Za-z0-9_:/-]+

Required: No

errorCode

A machine-readable code that identifies why the job failed. This value is present only when the job status is FAILED.

Type: String

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

Required: No

errorMessage

A human-readable description of why the job failed. This value is present only when the job status is FAILED.

Type: String

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

Required: No

resources

The resources that were created or updated by the job.

Type: Array of [JobResource](#) objects

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

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

NotifyCodeConfiguration

Contains the settings of a notify code configuration, which is a reusable one-time passcode policy.

Contents

createdAt

The time when the resource was created, in Unix epoch time.

Type: Timestamp

Required: Yes

deletionProtectionEnabled

Specifies whether deletion protection is enabled. When enabled, the resource cannot be deleted until deletion protection is turned off.

Type: Boolean

Required: Yes

notifyCodeConfigurationArn

The Amazon Resource Name (ARN) of the notify code configuration.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 256.

Pattern: `arn:[A-Za-z0-9_:/-]+`

Required: Yes

notifyCodeConfigurationId

The unique identifier of the notify code configuration.

Type: String

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

Pattern: `[A-Za-z0-9_-]+`

Required: Yes

notifyCodeConfigurationName

The name of the notify code configuration.

Type: String

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

Pattern: `[A-Za-z0-9_ -]*[A-Za-z0-9_ -][A-Za-z0-9_ -]*`

Required: Yes

updatedAt

The time when the resource was last updated, in Unix epoch time.

Type: Timestamp

Required: Yes

channelParameters

The channel-specific parameters used to render and deliver the one-time passcode. A configuration can carry parameters for every channel at once, and the send route selects the matching channel at send time.

Type: [ChannelParameters](#) object

Required: No

codeConfigurationParameters

The passcode policy parameters, including the code type, length, validity period, and maximum number of attempts.

Type: [CodeConfigurationParameters](#) 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](#)

NotifyParameters

The delivery parameters for the preapproved notify-template route over the SMS or voice channels.

Contents

notifyTemplateId

The identifier of a preapproved notify template for the SMS or voice channels.

Type: String

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

Pattern: [A-Za-z0-9_-]+

Required: No

voiceId

The Amazon Polly voice ID used when the notify template is delivered over the voice channel.

Type: String

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

Pattern: [A-Za-z0-9]+

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

RegistrationAssociationSummary

Contains summary information about a registration that is associated with a brand profile.

Contents

createdAt

The time when the resource was created, in Unix epoch time.

Type: Timestamp

Required: Yes

registrationId

The identifier of the registration.

Type: String

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

Pattern: [A-Za-z0-9_-]+

Required: Yes

registrationType

The type of the registration, for example US_TOLL_FREE_REGISTRATION or SENDER_ID.

Type: String

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

Pattern: [A-Za-z0-9_]+

Required: Yes

smartMatchUsed

Specifies whether smart matching was used to create the association.

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](#)

Tag

Describes a tag as a key and value pair that you can associate with a resource.

Contents

key

The key of the tag.

Type: String

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

Pattern: . +

Required: Yes

value

The value of the tag.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: . *

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

TextParameters

The delivery parameters for the text channel, which delivers over SMS or RCS.

Contents

destinationCountryParameters

A map of country-specific parameters that control one-time passcode delivery.

Type: String to string map

Map Entries: Maximum number of 10 items.

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

Key Pattern: \S+

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

Value Pattern: \S+

Required: No

inlineTemplateBody

The freeform message template used to render the one-time passcode for the SMS or RCS channels. The template must contain the code placeholder.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 6000.

Pattern: [\s\S]*\S[\s\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](#)

UpdateChannelParameters

The updated channel-specific parameters used only when you update a notify code configuration. When you omit a channel, that channel's parameters remain unchanged. When you supply a channel, you can clear individual fields by using the empty-string or empty-map sentinel on a member, or drop the whole channel's parameters by clearing every member. These sentinels apply only when you update a configuration; a create request rejects empty values with a validation error.

Contents

notify

The notify-template-route parameters to update. Omit this member to leave them unchanged.

Type: [UpdateNotifyParameters](#) object

Required: No

text

The text-channel parameters to update. Omit this member to leave the text-channel parameters unchanged.

Type: [UpdateTextParameters](#) object

Required: No

voice

The voice-channel parameters to update. Omit this member to leave the voice-channel parameters unchanged.

Type: [UpdateVoiceParameters](#) object

Required: No

whatsApp

The WhatsApp-channel parameters to update. Omit this member to leave the WhatsApp-channel parameters unchanged.

Type: [UpdateWhatsAppParameters](#) 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](#)

UpdateCodeConfigurationParameters

The loose variant of the passcode policy parameters that is used only when you update a notify code configuration. When you omit a member, its current value is preserved.

Contents

codeLength

The updated number of characters in the one-time passcode. Valid values range from 4 through 8. Omit this member to preserve the current value.

Type: Integer

Valid Range: Minimum value of 4. Maximum value of 8.

Required: No

codeType

The updated character set used to generate the one-time passcode. Omit this member to preserve the current value.

Type: String

Valid Values: NUMERIC | ALPHA | ALPHANUMERIC

Required: No

maxAttempts

The updated maximum number of validation attempts that are allowed before the verification is locked. Valid values range from 1 through 5. Omit this member to preserve the current value.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 5.

Required: No

validityPeriodMinutes

The updated length of time, in minutes, that the one-time passcode remains valid. Valid values range from 1 through 60. Omit this member to preserve the current value.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 60.

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UpdateNotifyParameters

The updated delivery parameters for the preapproved notify-template route. Absent members preserve the current value, and the empty sentinel on a member clears it.

Contents

notifyTemplateId

The updated identifier of a preapproved notify template for the SMS or voice channels. An empty string clears the previously stored value.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Pattern: `[A-Za-z0-9_-]*`

Required: No

voiceId

The updated Amazon Polly voice ID. An empty string clears the previously stored value.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

Pattern: `[A-Za-z0-9]*`

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UpdateTextParameters

The updated delivery parameters for the text channel. Absent members preserve the current value, and the empty sentinel on a member clears it.

Contents

destinationCountryParameters

The updated map of country-specific parameters that control one-time passcode delivery. An empty map clears the previously stored value.

Type: String to string map

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

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

Key Pattern: \S+

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

Value Pattern: \S+

Required: No

inlineTemplateBody

The updated freeform SMS or RCS template body. An empty string clears the previously stored value.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 6000.

Pattern: ([\s\S]*\S[\s\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](#)

UpdateVoiceParameters

The updated delivery parameters for the voice channel. Absent members preserve the current value, and the empty sentinel on a member clears it.

Contents

inlineTemplateBody

The updated freeform voice template body. An empty string clears the previously stored value.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 6000.

Pattern: (`([\s\S]*\S[\s\S]*)`)?

Required: No

languageCode

The updated BCP 47 language code. An empty string clears the previously stored value.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 35.

Pattern: (`\S{2,35}`)?

Required: No

voiceId

The updated Amazon Polly voice ID. An empty string clears the previously stored value.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 64.

Pattern: `[A-Za-z0-9]*`

Required: No

voiceMessageBodyTextType

The updated format of the voice message body. Valid values are TEXT and SSML. Omit this member to preserve the current value.

Type: String

Valid Values: TEXT | SSML

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

UpdateWhatsAppParameters

The updated delivery parameters for the WhatsApp channel. Absent members preserve the current value, and the empty sentinel on a member clears it.

Contents

languageCode

The updated BCP 47 language code. An empty string clears the previously stored value.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 35.

Pattern: (`\S{2,35}`)?

Required: No

whatsappTemplateName

The updated name of the Meta-approved WhatsApp authentication template. An empty string clears the previously stored value.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 512.

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](#)

ValidationExceptionField

Describes a field in the request that failed to satisfy the modeled constraints of the service.

Contents

message

A detailed description of the validation failure.

Type: String

Required: Yes

path

A JSONPointer expression to the structure member whose value failed to satisfy the modeled constraints.

Type: String

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

VoiceParameters

The delivery parameters for the voice channel.

Contents

inlineTemplateBody

The freeform message template used to render the one-time passcode for the voice channel. The template must contain the code placeholder.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 6000.

Pattern: `[\s\S]*\S[\s\S]*`

Required: No

languageCode

The BCP 47 language code used to render the voice message.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 35.

Pattern: `\S+`

Required: No

voiceId

The Amazon Polly voice ID used for the voice channel.

Type: String

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

Pattern: `[A-Za-z0-9]+`

Required: No

voiceMessageBodyTextType

The format of the voice message body. Valid values are TEXT and SSML.

Type: String

Valid Values: TEXT | SSML

Required: No

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WhatsAppParameters

The delivery parameters for the WhatsApp channel.

Contents

languageCode

The BCP 47 language code used to render the template. This value is required for the WhatsApp channel.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 35.

Pattern: \S+

Required: No

whatsappTemplateName

The name of the Meta-approved WhatsApp authentication template.

Type: String

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

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](#)

Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see [Signing AWS API requests](#) in the *IAM User Guide*.

X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: AWS4-HMAC-SHA256

Required: Conditional

X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key/YYYYMMDD/region/service/aws4_request*.

For more information, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: 20120325T120000Z.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see [Elements of an AWS API request signature](#) in the *IAM User Guide*.

Type: string

Required: Conditional

X-Amz-Security-Token

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see [AWS services that work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

X-Amz-Signature

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-SignedHeaders

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

Common Error Types

This section lists common error types that this AWS service may return. Not all services return all error types listed here. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You don't have permission to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request has expired. Request a new security token and try again.

HTTP Status Code: 403

IncompleteSignature

The request signature doesn't conform to AWS standards. Verify that you're using valid AWS credentials and that your request is properly formatted. If you're using an SDK, ensure it's up to date.

HTTP Status Code: 403

InternalFailure

The request can't be processed right now because of an internal server issue. Try again later. If the problem persists, contact AWS Support.

HTTP Status Code: 500

MalformedHttpRequestException

The request body can't be processed. This typically happens when the request body can't be decompressed using the specified content encoding algorithm. Verify that the content encoding header matches the compression format used.

HTTP Status Code: 400

NotAuthorized

You don't have permissions to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 401

OptInRequired

Your AWS account needs a subscription for this service. Verify that you've enabled the service in your account.

HTTP Status Code: 403

RequestAbortedException

The request was aborted before a response could be returned. This typically happens when the client closes the connection.

HTTP Status Code: 400

RequestEntityTooLargeException

The request entity is too large. Reduce the size of the request body and try again.

HTTP Status Code: 413

RequestTimeoutException

The request timed out. The server didn't receive the complete request within the expected time frame. Try again.

HTTP Status Code: 408

ServiceUnavailable

The service is temporarily unavailable. Try again later.

HTTP Status Code: 503

ThrottlingException

Your request rate is too high. The AWS SDKs automatically retry requests that receive this exception. Reduce the frequency of requests.

HTTP Status Code: 400

UnknownOperationException

The action or operation isn't recognized. Verify that the action name is spelled correctly and that it's supported by the API version you're using.

HTTP Status Code: 404

UnrecognizedClientException

The X.509 certificate or AWS access key ID you provided doesn't exist in our records. Verify that you're using valid credentials and that they haven't expired.

HTTP Status Code: 403

ValidationError

The input doesn't meet the required format or constraints. Check that all required parameters are included and that values are valid.

HTTP Status Code: 400