aws

API Reference

Amazon Pinpoint SMS and Voice v2 API

API Version 2022-03-31

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Amazon Pinpoint SMS and Voice v2 API: API Reference

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Welcome

Welcome to the *Amazon Pinpoint SMS and Voice, version 2 API Reference*. This guide provides information about Amazon Pinpoint SMS and Voice, version 2 API resources, including supported HTTP methods, parameters, and schemas.

Amazon Pinpoint is an AWS service that you can use to engage with your recipients across multiple messaging channels. The Amazon Pinpoint SMS and Voice, version 2 API provides programmatic access to options that are unique to the SMS and voice channels. Amazon Pinpoint SMS and Voice, version 2 resources such as phone numbers, sender IDs, and opt-out lists can be used by the Amazon Pinpoint API.

If you're new to Amazon Pinpoint SMS, it's also helpful to review the Amazon Pinpoint SMS User Guide. The *Amazon Pinpoint Developer Guide* provides tutorials, code samples, and procedures that demonstrate how to use Amazon Pinpoint SMS features programmatically and how to integrate Amazon Pinpoint functionality into mobile apps and other types of applications. The guide also provides key information, such as Amazon Pinpoint integration with other AWS services, and the quotas that apply to use of the service.

Regional availability

The *Amazon Pinpoint SMS and Voice, version 2 API Reference* is available in several AWS Regions and it provides an endpoint for each of these Regions. For a list of all the Regions and endpoints where the API is currently available, see AWS Service Endpoints and Amazon Pinpoint endpoints and quotas in the AWS General Reference. To learn more about AWS Regions, see Managing AWS Regions in the AWS General Reference.

In each Region, AWS maintains multiple Availability Zones. These Availability Zones are physically isolated from each other, but are united by private, low-latency, high-throughput, and highly redundant network connections. These Availability Zones enable us to provide very high levels of availability and redundancy, while also minimizing latency. To learn more about the number of Availability Zones that are available in each Region, see AWS Global Infrastructure.

This document was last published on April 24, 2024.

Actions

The following actions are supported:

- AssociateOriginationIdentity
- CreateConfigurationSet
- CreateEventDestination
- CreateOptOutList
- CreatePool
- CreateRegistration
- CreateRegistrationAssociation
- CreateRegistrationAttachment
- CreateRegistrationVersion
- CreateVerifiedDestinationNumber
- DeleteConfigurationSet
- DeleteDefaultMessageType
- DeleteDefaultSenderId
- DeleteEventDestination
- DeleteKeyword
- DeleteOptedOutNumber
- DeleteOptOutList
- DeletePool
- DeleteRegistration
- DeleteRegistrationAttachment
- DeleteRegistrationFieldValue
- DeleteTextMessageSpendLimitOverride
- DeleteVerifiedDestinationNumber
- DeleteVoiceMessageSpendLimitOverride
- DescribeAccountAttributes
- DescribeAccountLimits
- DescribeConfigurationSets

- DescribeKeywords
- DescribeOptedOutNumbers
- DescribeOptOutLists
- DescribePhoneNumbers
- DescribePools
- DescribeRegistrationAttachments
- DescribeRegistrationFieldDefinitions
- DescribeRegistrationFieldValues
- DescribeRegistrations
- DescribeRegistrationSectionDefinitions
- DescribeRegistrationTypeDefinitions
- DescribeRegistrationVersions
- DescribeSenderIds
- DescribeSpendLimits
- DescribeVerifiedDestinationNumbers
- DisassociateOriginationIdentity
- DiscardRegistrationVersion
- ListPoolOriginationIdentities
- ListRegistrationAssociations
- ListTagsForResource
- PutKeyword
- PutOptedOutNumber
- PutRegistrationFieldValue
- ReleasePhoneNumber
- ReleaseSenderId
- RequestPhoneNumber
- RequestSenderId
- SendDestinationNumberVerificationCode
- SendTextMessage
- SendVoiceMessage

- SetDefaultMessageType
- SetDefaultSenderId
- SetTextMessageSpendLimitOverride
- SetVoiceMessageSpendLimitOverride
- SubmitRegistrationVersion
- TagResource
- UntagResource
- UpdateEventDestination
- UpdatePhoneNumber
- UpdatePool
- UpdateSenderId
- VerifyDestinationNumber

AssociateOriginationIdentity

Associates the specified origination identity with a pool.

If the origination identity is a phone number and is already associated with another pool, an error is returned. A sender ID can be associated with multiple pools.

If the origination identity configuration doesn't match the pool's configuration, an error is returned.

Request Syntax

```
{
   "ClientToken": "string",
   "IsoCountryCode": "string",
   "OriginationIdentity": "string",
   "PoolId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: `[!-~]+`

Required: No

IsoCountryCode

The new two-character code, in ISO 3166-1 alpha-2 format, for the country or region of the origination identity.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

OriginationIdentity

The origination identity to use, such as PhoneNumberId, PhoneNumberArn, SenderId, or SenderIdArn. You can use DescribePhoneNumbers to find the values for PhoneNumberId and PhoneNumberArn, while DescribeSenderIds can be used to get the values for SenderId and SenderIdArn.

Type: String

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

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

Required: Yes

PoolId

The pool to update with the new Identity. This value can be either the PoolId or PoolArn, and you can find these values using DescribePools.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "IsoCountryCode": "string",
   "OriginationIdentity": "string",
   "OriginationIdentityArn": "string",
```

```
    "PoolArn": "string",
    "PoolId": "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.

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

OriginationIdentity

The PhoneNumberId or SenderId of the origination identity.

Type: String

OriginationIdentityArn

The PhoneNumberArn or SenderIdArn of the origination identity.

Type: String

PoolArn

The Amazon Resource Name (ARN) of the pool that is now associated with the origination identity.

Type: String

PoolId

The PoolId of the pool that is now associated with the origination identity.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateConfigurationSet

Creates a new configuration set. After you create the configuration set, you can add one or more event destinations to it.

A configuration set is a set of rules that you apply to the SMS and voice messages that you send.

When you send a message, you can optionally specify a single configuration set.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: `[!-~]+`

Required: No

ConfigurationSetName

The name to use for the new configuration set.

Type: String

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

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

Required: Yes

Tags

An array of key and value pair tags that's associated with the new configuration set.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
   "ConfigurationSetArn": "string",
   "ConfigurationSetName": "string",
   "CreatedTimestamp": number,
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ]
}
```

Response Elements

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

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

ConfigurationSetArn

The Amazon Resource Name (ARN) of the newly created configuration set.

Type: String

ConfigurationSetName

The name of the new configuration set.

Type: String

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

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

CreatedTimestamp

The time when the configuration set was created, in UNIX epoch time format.

Type: Timestamp

Tags

An array of key and value pair tags that's associated with the configuration set.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateEventDestination

Creates a new event destination in a configuration set.

An event destination is a location where you send message events. The event options are Amazon CloudWatch, Amazon Data Firehose, or Amazon SNS. For example, when a message is delivered successfully, you can send information about that event to an event destination, or send notifications to endpoints that are subscribed to an Amazon SNS topic.

Each configuration set can contain between 0 and 5 event destinations. Each event destination can contain a reference to a single destination, such as a CloudWatch or Firehose destination.

Request Syntax

```
{
   "ClientToken": "string",
   "CloudWatchLogsDestination": {
      "IamRoleArn": "string",
      "LogGroupArn": "string"
   },
   "ConfigurationSetName": "string",
   "EventDestinationName": "string",
   "KinesisFirehoseDestination": {
      "DeliveryStreamArn": "string",
      "IamRoleArn": "string"
   },
   "MatchingEventTypes": [ "string" ],
   "SnsDestination": {
      "TopicArn": "string"
   }
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: `[!-~]+`

Required: No

CloudWatchLogsDestination

An object that contains information about an event destination for logging to Amazon CloudWatch Logs.

Type: CloudWatchLogsDestination object

Required: No

ConfigurationSetName

Either the name of the configuration set or the configuration set ARN to apply event logging to. The ConfigurateSetName and ConfigurationSetArn can be found using the DescribeConfigurationSets action.

Type: String

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

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

Required: Yes

EventDestinationName

The name that identifies the event destination.

Type: String

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

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

Required: Yes

KinesisFirehoseDestination

An object that contains information about an event destination for logging to Amazon Data Firehose.

Type: KinesisFirehoseDestination object

Required: No

MatchingEventTypes

An array of event types that determine which events to log. If "ALL" is used, then Amazon Pinpoint logs every event type.

> **Note**
>
> The `TEXT_SENT` event type is not supported.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 25 items.

Valid Values: `ALL | TEXT_ALL | TEXT_SENT | TEXT_PENDING | TEXT_QUEUED | TEXT_SUCCESSFUL | TEXT_DELIVERED | TEXT_INVALID | TEXT_INVALID_MESSAGE | TEXT_UNREACHABLE | TEXT_CARRIER_UNREACHABLE | TEXT_BLOCKED | TEXT_CARRIER_BLOCKED | TEXT_SPAM | TEXT_UNKNOWN | TEXT_TTL_EXPIRED | VOICE_ALL | VOICE_INITIATED | VOICE_RINGING | VOICE_ANSWERED | VOICE_COMPLETED | VOICE_BUSY | VOICE_NO_ANSWER | VOICE_FAILED | VOICE_TTL_EXPIRED`

Required: Yes

SnsDestination

An object that contains information about an event destination for logging to Amazon SNS.

Type: SnsDestination object

Required: No

Response Syntax

```
{
   "ConfigurationSetArn": "string",
   "ConfigurationSetName": "string",
   "EventDestination": {
      "CloudWatchLogsDestination": {
         "IamRoleArn": "string",
         "LogGroupArn": "string"
      },
      "Enabled": boolean,
      "EventDestinationName": "string",
      "KinesisFirehoseDestination": {
         "DeliveryStreamArn": "string",
         "IamRoleArn": "string"
      },
      "MatchingEventTypes": [ "string" ],
      "SnsDestination": {
         "TopicArn": "string"
      }
   }
}
```

Response Elements

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

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

ConfigurationSetArn

The ARN of the configuration set.

Type: String

ConfigurationSetName

The name of the configuration set.

Type: String

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

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

EventDestination

The details of the destination where events are logged.

Type: EventDestination object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateOptOutList

Creates a new opt-out list.

If the opt-out list name already exists, an error is returned.

An opt-out list is a list of phone numbers that are opted out, meaning you can't send SMS or voice messages to them. If end user replies with the keyword "STOP," an entry for the phone number is added to the opt-out list. In addition to STOP, your recipients can use any supported opt-out keyword, such as CANCEL or OPTOUT. For a list of supported opt-out keywords, see SMS opt out in the *Amazon Pinpoint User Guide*.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: `[!-~]+`

Required: No

OptOutListName

The name of the new OptOutList.

Type: String

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

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

Required: Yes

Tags

An array of tags (key and value pairs) to associate with the new OptOutList.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
   "CreatedTimestamp": number,
   "OptOutListArn": "string",
   "OptOutListName": "string",
   "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.

CreatedTimestamp

The time when the pool was created, in UNIX epoch time format.

Type: Timestamp

OptOutListArn

The Amazon Resource Name (ARN) for the OptOutList.

Type: String

OptOutListName

The name of the new OptOutList.

Type: String

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

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

Tags

An array of tags (key and value pairs) associated with the new OptOutList.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

HTTP Status Code: 400

See Also

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

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- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreatePool

Creates a new pool and associates the specified origination identity to the pool. A pool can include one or more phone numbers and SenderIds that are associated with your AWS account.

The new pool inherits its configuration from the specified origination identity. This includes keywords, message type, opt-out list, two-way configuration, and self-managed opt-out configuration. Deletion protection isn't inherited from the origination identity and defaults to false.

If the origination identity is a phone number and is already associated with another pool, an error is returned. A sender ID can be associated with multiple pools.

Request Syntax

```
{
   "ClientToken": "string",
   "DeletionProtectionEnabled": boolean,
   "IsoCountryCode": "string",
   "MessageType": "string",
   "OriginationIdentity": "string",
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: `[!-~]+`

Required: No

DeletionProtectionEnabled

By default this is set to false. When set to true the pool can't be deleted. You can change this value using the UpdatePool action.

Type: Boolean

Required: No

IsoCountryCode

The new two-character code, in ISO 3166-1 alpha-2 format, for the country or region of the new pool.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Required: Yes

OriginationIdentity

The origination identity to use such as a PhoneNumberId, PhoneNumberArn, SenderId or SenderIdArn. You can use DescribePhoneNumbers to find the values for PhoneNumberId and PhoneNumberArn while DescribeSenderIds can be used to get the values for SenderId and SenderIdArn.

Type: String

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

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

Required: Yes

Tags

An array of tags (key and value pairs) associated with the pool.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
   "CreatedTimestamp": number,
   "DeletionProtectionEnabled": boolean,
   "MessageType": "string",
   "OptOutListName": "string",
   "PoolArn": "string",
   "PoolId": "string",
   "SelfManagedOptOutsEnabled": boolean,
   "SharedRoutesEnabled": boolean,
   "Status": "string",
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ],
   "TwoWayChannelArn": "string",
   "TwoWayChannelRole": "string",
   "TwoWayEnabled": 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.

CreatedTimestamp

The time when the pool was created, in UNIX epoch time format.

Type: Timestamp

DeletionProtectionEnabled

When set to true deletion protection is enabled. By default this is set to false.

Type: Boolean

MessageType

The type of message for the pool to use.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

OptOutListName

The name of the OptOutList associated with the pool.

Type: String

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

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

PoolArn

The Amazon Resource Name (ARN) for the pool.

Type: String

PoolId

The unique identifier for the pool.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, Amazon Pinpoint automatically replies with a

customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

SharedRoutesEnabled

Indicates whether shared routes are enabled for the pool.

Type: Boolean

Status

The current status of the pool.

- CREATING: The pool is currently being created and isn't yet available for use.
- ACTIVE: The pool is active and available for use.
- DELETING: The pool is being deleted.

Type: String

Valid Values: `CREATING | ACTIVE | DELETING`

Tags

An array of tags (key and value pairs) associated with the pool.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

HTTP Status Code: 400

See Also

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

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- AWS SDK for .NET
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- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateRegistration

Creates a new registration based on the **RegistrationType** field.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: `[!-~]+`

Required: No

RegistrationType

The type of registration form to create. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

Type: String

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

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

Required: Yes

Tags

An array of tags (key and value pairs) to associate with the registration.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
   "AdditionalAttributes": {
      "string" : "string"
   },
   "CreatedTimestamp": number,
   "CurrentVersionNumber": number,
   "RegistrationArn": "string",
   "RegistrationId": "string",
   "RegistrationStatus": "string",
   "RegistrationType": "string",
   "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.

AdditionalAttributes

Metadata about a given registration which is specific to that registration type.

Type: String to string map

CreatedTimestamp

The time when the registration was created, in UNIX epoch time format.

Type: Timestamp

CurrentVersionNumber

The current version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationStatus

The status of the registration.

- `CREATED`: Your registration is created but not submitted.
- `SUBMITTED`: Your registration has been submitted and is awaiting review.
- `REVIEWING`: Your registration has been accepted and is being reviewed.
- `PROVISIONING`: Your registration has been approved and your origination identity is being created.
- `COMPLETE`: Your registration has been approved and and your origination identity has been created.
- `REQUIRES_UPDATES`: You must fix your registration and resubmit it.

- CLOSED: The phone number or sender ID has been deleted and you must also delete the registration for the number.
- DELETED: The registration has been deleted.

Type: String

Valid Values: CREATED | SUBMITTED | REVIEWING | PROVISIONING | COMPLETE | REQUIRES_UPDATES | CLOSED | DELETED

RegistrationType

The type of registration form to create. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

Type: String

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

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

Tags

An array of tags (key and value pairs) to associate with the registration.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateRegistrationAssociation

Associate the registration with an origination identity such as a phone number or sender ID.

Request Syntax

```
{
   "RegistrationId": "string",
   "ResourceId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

RegistrationId

The unique identifier for the registration.

Type: String

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

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

Required: Yes

ResourceId

The unique identifier for the origination identity. For example this could be a **PhoneNumberId** or **SenderId**.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "IsoCountryCode": "string",
   "PhoneNumber": "string",
   "RegistrationArn": "string",
   "RegistrationId": "string",
   "RegistrationType": "string",
   "ResourceArn": "string",
   "ResourceId": "string",
   "ResourceType": "string"
}
```

Response Elements

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

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

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

PhoneNumber

The phone number associated with the registration in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

Type: String

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

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

ResourceArn

The Amazon Resource Name (ARN) of the origination identity that is associated with the registration.

Type: String

ResourceId

The unique identifier for the origination identity. For example this could be a **PhoneNumberId** or **SenderId**.

Type: String

ResourceType

The registration type or origination identity type.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
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- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateRegistrationAttachment

Create a new registration attachment to use for uploading a file or a URL to a file. The maximum file size is 1MiB and valid file extensions are PDF, JPEG and PNG. For example, many sender ID registrations require a signed “letter of authorization” (LOA) to be submitted.

Request Syntax

```
{
   "AttachmentBody": blob,
   "AttachmentUrl": "string",
   "ClientToken": "string",
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

AttachmentBody

The registration file to upload. The maximum file size is 1MiB and valid file extensions are PDF, JPEG and PNG.

Type: Base64-encoded binary data object

Length Constraints: Minimum length of 1. Maximum length of 1572864.

Required: No

AttachmentUrl

A URL to the required registration file. For example, you can provide the S3 object URL.

Type: String

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

Pattern: \S+

Required: No

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: [!-~]+

Required: No

Tags

An array of tags (key and value pairs) to associate with the registration attachment.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
   "AttachmentStatus": "string",
   "CreatedTimestamp": number,
   "RegistrationAttachmentArn": "string",
   "RegistrationAttachmentId": "string",
   "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.

AttachmentStatus

The status of the registration attachment.

- `UPLOAD_IN_PROGRESS` The attachment is being uploaded.
- `UPLOAD_COMPLETE` The attachment has been uploaded.
- `UPLOAD_FAILED` The attachment failed to uploaded.
- `DELETED` The attachment has been deleted..

Type: String

Valid Values: `UPLOAD_IN_PROGRESS | UPLOAD_COMPLETE | UPLOAD_FAILED | DELETED`

CreatedTimestamp

The time when the registration attachment was created, in UNIX epoch time format.

Type: Timestamp

RegistrationAttachmentArn

The Amazon Resource Name (ARN) for the registration attachment.

Type: String

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

Tags

An array of tags (key and value pairs) to associate with the registration attachment.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

CreateRegistrationVersion

Create a new version of the registration and increase the **VersionNumber**. The previous version of the registration becomes read-only.

Request Syntax

```
{
   "RegistrationId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

RegistrationId

The unique identifier for the registration.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "RegistrationArn": "string",
   "RegistrationId": "string",
   "RegistrationVersionStatus": "string",
   "RegistrationVersionStatusHistory": {
      "ApprovedTimestamp": number,
      "ArchivedTimestamp": number,
      "DeniedTimestamp": number,
      "DiscardedTimestamp": number,
```

```
      "DraftTimestamp": number,
      "ReviewingTimestamp": number,
      "RevokedTimestamp": number,
      "SubmittedTimestamp": number
   },
   "VersionNumber": number
}
```

Response Elements

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

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

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationVersionStatus

The status of the registration.

- DRAFT: The initial status of a registration version after it's created.
- SUBMITTED: Your registration has been submitted.
- REVIEWING: Your registration has been accepted and is being reviewed.
- APPROVED: Your registration has been approved.
- DISCARDED: You've abandon this version of their registration to start over with a new version.
- DENIED: You must fix your registration and resubmit it.
- REVOKED: Your previously approved registration has been revoked.
- ARCHIVED: Your previously approved registration version moves into this status when a more recently submitted version is approved.

Type: String

Valid Values: `DRAFT | SUBMITTED | REVIEWING | APPROVED | DISCARDED | DENIED | REVOKED | ARCHIVED`

RegistrationVersionStatusHistory

A **RegistrationVersionStatusHistory** object that contains timestamps for the registration.

Type: RegistrationVersionStatusHistory object

VersionNumber

The new version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
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- AWS SDK for Python
- AWS SDK for Ruby V3

CreateVerifiedDestinationNumber

You can only send messages to verified destination numbers when your account is in the sandbox. You can add up to 10 verified destination numbers.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: `[!-~]+`

Required: No

DestinationPhoneNumber

The verified destination phone number, in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: Yes

Tags

An array of tags (key and value pairs) to associate with the destination number.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
   "CreatedTimestamp": number,
   "DestinationPhoneNumber": "string",
   "Status": "string",
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ],
   "VerifiedDestinationNumberArn": "string",
   "VerifiedDestinationNumberId": "string"
}
```

Response Elements

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

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

CreatedTimestamp

The time when the verified phone number was created, in UNIX epoch time format.

Type: Timestamp

DestinationPhoneNumber

The verified destination phone number, in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Status

The status of the verified destination phone number.

- `PENDING`: The phone number hasn't been verified yet.
- `VERIFIED`: The phone number is verified and can receive messages.

Type: String

Valid Values: `PENDING | VERIFIED`

Tags

An array of tags (key and value pairs) to associate with the destination number.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

VerifiedDestinationNumberArn

The Amazon Resource Name (ARN) for the verified destination phone number.

Type: String

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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

- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteConfigurationSet

Deletes an existing configuration set.

A configuration set is a set of rules that you apply to voice and SMS messages that you send. In a configuration set, you can specify a destination for specific types of events related to voice and SMS messages.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set or the configuration set ARN that you want to delete. The ConfigurationSetName and ConfigurationSetArn can be found using the DescribeConfigurationSets action.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "ConfigurationSetArn": "string",
   "ConfigurationSetName": "string",
```

```
   "CreatedTimestamp": number,
   "DefaultMessageType": "string",
   "DefaultSenderId": "string",
   "EventDestinations": [
      {
         "CloudWatchLogsDestination": {
            "IamRoleArn": "string",
            "LogGroupArn": "string"
         },
         "Enabled": boolean,
         "EventDestinationName": "string",
         "KinesisFirehoseDestination": {
            "DeliveryStreamArn": "string",
            "IamRoleArn": "string"
         },
         "MatchingEventTypes": [ "string" ],
         "SnsDestination": {
            "TopicArn": "string"
         }
      }
   ]
}
```

Response Elements

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

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

ConfigurationSetArn

The Amazon Resource Name (ARN) of the deleted configuration set.

Type: String

ConfigurationSetName

The name of the deleted configuration set.

Type: String

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

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

CreatedTimestamp

The time that the deleted configuration set was created in UNIX epoch time format.

Type: Timestamp

DefaultMessageType

The default message type of the configuration set that was deleted.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

DefaultSenderId

The default Sender ID of the configuration set that was deleted.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

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

EventDestinations

An array of any EventDestination objects that were associated with the deleted configuration set.

Type: Array of EventDestination objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteDefaultMessageType

Deletes an existing default message type on a configuration set.

A message type is a type of messages that you plan to send. If you send account-related messages or time-sensitive messages such as one-time passcodes, choose **Transactional**. If you plan to send messages that contain marketing material or other promotional content, choose **Promotional**. This setting applies to your entire AWS account.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set or the configuration set Amazon Resource Name (ARN) to delete the default message type from. The ConfigurationSetName and ConfigurationSetArn can be found using the DescribeConfigurationSets action.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "ConfigurationSetArn": "string",
```

```
   "ConfigurationSetName": "string",
   "MessageType": "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.

ConfigurationSetArn

The Amazon Resource Name (ARN) of the configuration set.

Type: String

ConfigurationSetName

The name of the configuration set.

Type: String

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

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

MessageType

The current message type for the configuration set.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteDefaultSenderId

Deletes an existing default sender ID on a configuration set.

A default sender ID is the identity that appears on recipients' devices when they receive SMS messages. Support for sender ID capabilities varies by country or region.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set or the configuration set Amazon Resource Name (ARN) to delete the default sender ID from. The ConfigurationSetName and ConfigurationSetArn can be found using the DescribeConfigurationSets action.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "ConfigurationSetArn": "string",
   "ConfigurationSetName": "string",
   "SenderId": "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.

ConfigurationSetArn

The Amazon Resource Name (ARN) of the configuration set.

Type: String

ConfigurationSetName

The name of the configuration set.

Type: String

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

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

SenderId

The current sender ID for the configuration set.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

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

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteEventDestination

Deletes an existing event destination.

An event destination is a location where you send response information about the messages that you send. For example, when a message is delivered successfully, you can send information about that event to an Amazon CloudWatch destination, or send notifications to endpoints that are subscribed to an Amazon SNS topic.

Request Syntax

```
{
   "ConfigurationSetName": "string",
   "EventDestinationName": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set or the configuration set's Amazon Resource Name (ARN) to remove the event destination from. The ConfigurateSetName and ConfigurationSetArn can be found using the DescribeConfigurationSets action.

Type: String

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

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

Required: Yes

EventDestinationName

The name of the event destination to delete.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "ConfigurationSetArn": "string",
   "ConfigurationSetName": "string",
   "EventDestination": {
      "CloudWatchLogsDestination": {
         "IamRoleArn": "string",
         "LogGroupArn": "string"
      },
      "Enabled": boolean,
      "EventDestinationName": "string",
      "KinesisFirehoseDestination": {
         "DeliveryStreamArn": "string",
         "IamRoleArn": "string"
      },
      "MatchingEventTypes": [ "string" ],
      "SnsDestination": {
         "TopicArn": "string"
      }
   }
}
```

Response Elements

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

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

ConfigurationSetArn

The Amazon Resource Name (ARN) of the configuration set.

Type: String

ConfigurationSetName

The name of the configuration set the event destination was deleted from.

Type: String

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

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

EventDestination

The event destination object that was deleted.

Type: EventDestination object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteKeyword

Deletes an existing keyword from an origination phone number or pool.

A keyword is a word that you can search for on a particular phone number or pool. It is also a specific word or phrase that an end user can send to your number to elicit a response, such as an informational message or a special offer. When your number receives a message that begins with a keyword, Amazon Pinpoint responds with a customizable message.

Keywords "HELP" and "STOP" can't be deleted or modified.

Request Syntax

```
{
   "Keyword": "string",
   "OriginationIdentity": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Keyword

The keyword to delete.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[ \S]+`

Required: Yes

OriginationIdentity

The origination identity to use such as a PhoneNumberId, PhoneNumberArn, PoolId or PoolArn. You can use DescribePhoneNumbers to find the values for PhoneNumberId and PhoneNumberArn and DescribePools to find the values of PoolId and PoolArn.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "Keyword": "string",
   "KeywordAction": "string",
   "KeywordMessage": "string",
   "OriginationIdentity": "string",
   "OriginationIdentityArn": "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.

Keyword

The keyword that was deleted.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[ \S]+`

KeywordAction

The action that was associated with the deleted keyword.

Type: String

Valid Values: `AUTOMATIC_RESPONSE | OPT_OUT | OPT_IN`

KeywordMessage

The message that was associated with the deleted keyword.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

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

OriginationIdentity

The PhoneNumberId or PoolId that the keyword was associated with.

Type: String

OriginationIdentityArn

The PhoneNumberArn or PoolArn that the keyword was associated with.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteOptedOutNumber

Deletes an existing opted out destination phone number from the specified opt-out list.

Each destination phone number can only be deleted once every 30 days.

If the specified destination phone number doesn't exist or if the opt-out list doesn't exist, an error is returned.

Request Syntax

```
{
   "OptedOutNumber": "string",
   "OptOutListName": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

OptedOutNumber

The phone number, in E.164 format, to remove from the OptOutList.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: Yes

OptOutListName

The OptOutListName or OptOutListArn to remove the phone number from.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "EndUserOptedOut": boolean,
   "OptedOutNumber": "string",
   "OptedOutTimestamp": number,
   "OptOutListArn": "string",
   "OptOutListName": "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.

EndUserOptedOut

This is true if it was the end user who requested their phone number be removed.

Type: Boolean

OptedOutNumber

The phone number that was removed from the OptOutList.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

OptedOutTimestamp

The time that the number was removed at, in UNIX epoch time format.

Type: Timestamp

OptOutListArn

The OptOutListArn that the phone number was removed from.

Type: String

OptOutListName

The OptOutListName that the phone number was removed from.

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 Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteOptOutList

Deletes an existing opt-out list. All opted out phone numbers in the opt-out list are deleted.

If the specified opt-out list name doesn't exist or is in-use by an origination phone number or pool, an error is returned.

Request Syntax

```
{
   "OptOutListName": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

OptOutListName

The OptOutListName or OptOutListArn of the OptOutList to delete. You can use DescribeOptOutLists to find the values for OptOutListName and OptOutListArn.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "CreatedTimestamp": number,
   "OptOutListArn": "string",
   "OptOutListName": "string"
}
```

Response Elements

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

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

CreatedTimestamp

The time when the OptOutList was created, in UNIX epoch time format.

Type: Timestamp

OptOutListArn

The Amazon Resource Name (ARN) of the OptOutList that was removed.

Type: String

OptOutListName

The name of the OptOutList that was removed.

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 Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeletePool

Deletes an existing pool. Deleting a pool disassociates all origination identities from that pool.

If the pool status isn't active or if deletion protection is enabled, an error is returned.

A pool is a collection of phone numbers and SenderIds. A pool can include one or more phone numbers and SenderIds that are associated with your AWS account.

Request Syntax

```
{
   "PoolId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

PoolId

The PoolId or PoolArn of the pool to delete. You can use DescribePools to find the values for PoolId and PoolArn .

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "CreatedTimestamp": number,
   "MessageType": "string",
```

```
    "OptOutListName": "string",
    "PoolArn": "string",
    "PoolId": "string",
    "SelfManagedOptOutsEnabled": boolean,
    "SharedRoutesEnabled": boolean,
    "Status": "string",
    "TwoWayChannelArn": "string",
    "TwoWayChannelRole": "string",
    "TwoWayEnabled": 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.

CreatedTimestamp

The time when the pool was created, in UNIX epoch time format.

Type: Timestamp

MessageType

The message type that was associated with the deleted pool.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

OptOutListName

The name of the OptOutList that was associated with the deleted pool.

Type: String

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

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

PoolArn

The Amazon Resource Name (ARN) of the pool that was deleted.

Type: String

PoolId

The PoolId of the pool that was deleted.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, Amazon Pinpoint automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

SharedRoutesEnabled

Indicates whether shared routes are enabled for the pool.

Type: Boolean

Status

The current status of the pool.

- CREATING: The pool is currently being created and isn't yet available for use.
- ACTIVE: The pool is active and available for use.
- DELETING: The pool is being deleted.

Type: String

Valid Values: `CREATING | ACTIVE | DELETING`

TwoWayChannelArn

The Amazon Resource Name (ARN) of the TwoWayChannel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteRegistration

Permanently delete an existing registration from your account.

Request Syntax

```
{
   "RegistrationId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

RegistrationId

The unique identifier for the registration.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "AdditionalAttributes": {
      "string" : "string"
   },
   "ApprovedVersionNumber": number,
   "CreatedTimestamp": number,
   "CurrentVersionNumber": number,
   "LatestDeniedVersionNumber": number,
   "RegistrationArn": "string",
   "RegistrationId": "string",
```

```
   "RegistrationStatus": "string",
   "RegistrationType": "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.

AdditionalAttributes

Metadata about a given registration which is specific to that registration type.

Type: String to string map

ApprovedVersionNumber

The version number of the registration that was approved.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

CreatedTimestamp

The time when the registration was created, in UNIX epoch time format.

Type: Timestamp

CurrentVersionNumber

The current version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

LatestDeniedVersionNumber

The latest version number of the registration that was denied.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationStatus

The status of the registration.

- `CREATED`: Your registration is created but not submitted.
- `SUBMITTED`: Your registration has been submitted and is awaiting review.
- `REVIEWING`: Your registration has been accepted and is being reviewed.
- `PROVISIONING`: Your registration has been approved and your origination identity is being created.
- `COMPLETE`: Your registration has been approved and and your origination identity has been created.
- `REQUIRES_UPDATES`: You must fix your registration and resubmit it.
- `CLOSED`: The phone number or sender ID has been deleted and you must also delete the registration for the number.
- `DELETED`: The registration has been deleted.

Type: String

Valid Values: `CREATED | SUBMITTED | REVIEWING | PROVISIONING | COMPLETE | REQUIRES_UPDATES | CLOSED | DELETED`

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

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 Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteRegistrationAttachment

Permanently delete the specified registration attachment.

Request Syntax

```
{
   "RegistrationAttachmentId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "AttachmentStatus": "string",
   "AttachmentUploadErrorReason": "string",
   "CreatedTimestamp": number,
   "RegistrationAttachmentArn": "string",
   "RegistrationAttachmentId": "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.

AttachmentStatus

The status of the registration attachment.

- UPLOAD_IN_PROGRESS The attachment is being uploaded.
- UPLOAD_COMPLETE The attachment has been uploaded.
- UPLOAD_FAILED The attachment failed to uploaded.
- DELETED The attachment has been deleted..

Type: String

Valid Values: UPLOAD_IN_PROGRESS | UPLOAD_COMPLETE | UPLOAD_FAILED | DELETED

AttachmentUploadErrorReason

The error message if the upload failed.

Type: String

Valid Values: INTERNAL_ERROR

CreatedTimestamp

The time when the registration attachment was created, in UNIX epoch time format.

Type: Timestamp

RegistrationAttachmentArn

The Amazon Resource Name (ARN) for the registration attachment.

Type: String

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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

- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteRegistrationFieldValue

Delete the value in a registration form field.

Request Syntax

```
{
   "FieldPath": "string",
   "RegistrationId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

FieldPath

The path to the registration form field. You can use DescribeRegistrationFieldDefinitions for a list of **FieldPaths**.

Type: String

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

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

Required: Yes

RegistrationId

The unique identifier for the registration.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "FieldPath": "string",
   "RegistrationArn": "string",
   "RegistrationAttachmentId": "string",
   "RegistrationId": "string",
   "SelectChoices": [ "string" ],
   "TextValue": "string",
   "VersionNumber": number
}
```

Response Elements

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

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

FieldPath

The path to the registration form field.

Type: String

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

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

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

SelectChoices

An array of values for the form field.

Type: Array of strings

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

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

TextValue

The text data for a free form field.

Type: String

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

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteTextMessageSpendLimitOverride

Deletes an account-level monthly spending limit override for sending text messages. Deleting a spend limit override will set the `EnforcedLimit` to equal the `MaxLimit`, which is controlled by AWS. For more information on spend limits (quotas) see Amazon Pinpoint quotas in the *Amazon Pinpoint Developer Guide*.

Response Syntax

```
{
   "MonthlyLimit": 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.

MonthlyLimit

The current monthly limit, in US dollars.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteVerifiedDestinationNumber

Delete a verified destination phone number.

Request Syntax

```
{
   "VerifiedDestinationNumberId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "CreatedTimestamp": number,
   "DestinationPhoneNumber": "string",
   "VerifiedDestinationNumberArn": "string",
   "VerifiedDestinationNumberId": "string"
}
```

Response Elements

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

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

CreatedTimestamp

The time when the destination phone number was created, in UNIX epoch time format.

Type: Timestamp

DestinationPhoneNumber

The verified destination phone number, in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

VerifiedDestinationNumberArn

The Amazon Resource Name (ARN) for the verified destination phone number.

Type: String

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DeleteVoiceMessageSpendLimitOverride

Deletes an account level monthly spend limit override for sending voice messages. Deleting a spend limit override sets the `EnforcedLimit` equal to the `MaxLimit`, which is controlled by AWS. For more information on spending limits (quotas) see Amazon Pinpoint quotas in the *Amazon Pinpoint Developer Guide*.

Response Syntax

```
{
   "MonthlyLimit": 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.

MonthlyLimit

The current monthly limit, in US dollars.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeAccountAttributes

Describes attributes of your AWS account. The supported account attributes include account tier, which indicates whether your account is in the sandbox or production environment. When you're ready to move your account out of the sandbox, create an AWS Support case for a service limit increase request.

New Amazon Pinpoint accounts are placed into an SMS or voice sandbox. The sandbox protects both AWS end recipients and SMS or voice recipients from fraud and abuse.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

Response Syntax

```
{
   "AccountAttributes": [
      {
         "Name": "string",
         "Value": "string"
      }
   ],
   "NextToken": "string"
}
```

Response Elements

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

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

AccountAttributes

An array of AccountAttributes objects.

Type: Array of AccountAttribute objects

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeAccountLimits

Describes the current Amazon Pinpoint SMS Voice V2 resource quotas for your account. The description for a quota includes the quota name, current usage toward that quota, and the quota's maximum value.

When you establish an AWS account, the account has initial quotas on the maximum number of configuration sets, opt-out lists, phone numbers, and pools that you can create in a given Region. For more information see Amazon Pinpoint quotas in the *Amazon Pinpoint Developer Guide*.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

Response Syntax

```
{
   "AccountLimits": [
      {
         "Max": number,
         "Name": "string",
         "Used": 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.

AccountLimits

An array of AccountLimit objects that show the current spend limits.

Type: Array of AccountLimit objects

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeConfigurationSets

Describes the specified configuration sets or all in your account.

If you specify configuration set names, the output includes information for only the specified configuration sets. If you specify filters, the output includes information for only those configuration sets that meet the filter criteria. If you don't specify configuration set names or filters, the output includes information for all configuration sets.

If you specify a configuration set name that isn't valid, an error is returned.

Request Syntax

```
{
   "ConfigurationSetNames": [ "string" ],
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ConfigurationSetNames

An array of strings. Each element can be either a ConfigurationSetName or ConfigurationSetArn.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

Filters

An array of filters to apply to the results that are returned.

Type: Array of ConfigurationSetFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

Response Syntax

```
{
   "ConfigurationSets": [
      {
         "ConfigurationSetArn": "string",
         "ConfigurationSetName": "string",
```

```
         "CreatedTimestamp": number,
         "DefaultMessageType": "string",
         "DefaultSenderId": "string",
         "EventDestinations": [
            {
               "CloudWatchLogsDestination": {
                  "IamRoleArn": "string",
                  "LogGroupArn": "string"
               },
               "Enabled": boolean,
               "EventDestinationName": "string",
               "KinesisFirehoseDestination": {
                  "DeliveryStreamArn": "string",
                  "IamRoleArn": "string"
               },
               "MatchingEventTypes": [ "string" ],
               "SnsDestination": {
                  "TopicArn": "string"
               }
            }
         ]
      }
   ],
   "NextToken": "string"
}
```

Response Elements

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

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

ConfigurationSets

An array of ConfigurationSets objects.

Type: Array of ConfigurationSetInformation objects

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeKeywords

Describes the specified keywords or all keywords on your origination phone number or pool.

A keyword is a word that you can search for on a particular phone number or pool. It is also a specific word or phrase that an end user can send to your number to elicit a response, such as an informational message or a special offer. When your number receives a message that begins with a keyword, Amazon Pinpoint responds with a customizable message.

If you specify a keyword that isn't valid, an error is returned.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "Keywords": [ "string" ],
   "MaxResults": number,
   "NextToken": "string",
   "OriginationIdentity": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of keyword filters to filter the results.

Type: Array of KeywordFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

Keywords

An array of keywords to search for.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[ \S]+`

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

OriginationIdentity

The origination identity to use such as a PhoneNumberId, PhoneNumberArn, SenderId or SenderIdArn. You can use DescribePhoneNumbers to find the values for PhoneNumberId and PhoneNumberArn while DescribeSenderIds can be used to get the values for SenderId and SenderIdArn.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "Keywords": [
      {
         "Keyword": "string",
         "KeywordAction": "string",
         "KeywordMessage": "string"
      }
   ],
   "NextToken": "string",
   "OriginationIdentity": "string",
   "OriginationIdentityArn": "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.

Keywords

An array of KeywordInformation objects that contain the results.

Type: Array of KeywordInformation objects

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

OriginationIdentity

The PhoneNumberId or PoolId that is associated with the OriginationIdentity.

Type: String

OriginationIdentityArn

The PhoneNumberArn or PoolArn that is associated with the OriginationIdentity.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeOptedOutNumbers

Describes the specified opted out destination numbers or all opted out destination numbers in an opt-out list.

If you specify opted out numbers, the output includes information for only the specified opted out numbers. If you specify filters, the output includes information for only those opted out numbers that meet the filter criteria. If you don't specify opted out numbers or filters, the output includes information for all opted out destination numbers in your opt-out list.

If you specify an opted out number that isn't valid, an error is returned.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "OptedOutNumbers": [ "string" ],
   "OptOutListName": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of OptedOutFilter objects to filter the results on.

Type: Array of OptedOutFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

OptedOutNumbers

An array of phone numbers to search for in the OptOutList.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: No

OptOutListName

The OptOutListName or OptOutListArn of the OptOutList. You can use DescribeOptOutLists to find the values for OptOutListName and OptOutListArn.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "NextToken": "string",
   "OptedOutNumbers": [
      {
         "EndUserOptedOut": boolean,
         "OptedOutNumber": "string",
         "OptedOutTimestamp": number
      }
   ],
   "OptOutListArn": "string",
   "OptOutListName": "string"
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

OptedOutNumbers

An array of OptedOutNumbersInformation objects that provide information about the requested OptedOutNumbers.

Type: Array of OptedOutNumberInformation objects

OptOutListArn

The Amazon Resource Name (ARN) of the OptOutList.

Type: String

OptOutListName

The name of the OptOutList.

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 Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeOptOutLists

Describes the specified opt-out list or all opt-out lists in your account.

If you specify opt-out list names, the output includes information for only the specified opt-out lists. Opt-out lists include only those that meet the filter criteria. If you don't specify opt-out list names or filters, the output includes information for all opt-out lists.

If you specify an opt-out list name that isn't valid, an error is returned.

Request Syntax

```
{
   "MaxResults": number,
   "NextToken": "string",
   "OptOutListNames": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

OptOutListNames

The OptOutLists to show the details of. This is an array of strings that can be either the OptOutListName or OptOutListArn.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

Response Syntax

```
{
   "NextToken": "string",
   "OptOutLists": [
      {
         "CreatedTimestamp": number,
         "OptOutListArn": "string",
         "OptOutListName": "string"
      }
   ]
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

OptOutLists

An array of OptOutListInformation objects that contain the details for the requested OptOutLists.

Type: Array of OptOutListInformation objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribePhoneNumbers

Describes the specified origination phone number, or all the phone numbers in your account.

If you specify phone number IDs, the output includes information for only the specified phone numbers. If you specify filters, the output includes information for only those phone numbers that meet the filter criteria. If you don't specify phone number IDs or filters, the output includes information for all phone numbers.

If you specify a phone number ID that isn't valid, an error is returned.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "PhoneNumberIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of PhoneNumberFilter objects to filter the results.

Type: Array of PhoneNumberFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

PhoneNumberIds

The unique identifier of phone numbers to find information about. This is an array of strings that can be either the PhoneNumberId or PhoneNumberArn.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

Response Syntax

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

```
      {
         "CreatedTimestamp": number,
         "DeletionProtectionEnabled": boolean,
         "IsoCountryCode": "string",
         "MessageType": "string",
         "MonthlyLeasingPrice": "string",
         "NumberCapabilities": [ "string" ],
         "NumberType": "string",
         "OptOutListName": "string",
         "PhoneNumber": "string",
         "PhoneNumberArn": "string",
         "PhoneNumberId": "string",
         "PoolId": "string",
         "RegistrationId": "string",
         "SelfManagedOptOutsEnabled": boolean,
         "Status": "string",
         "TwoWayChannelArn": "string",
         "TwoWayChannelRole": "string",
         "TwoWayEnabled": 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 be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

PhoneNumbers

An array of PhoneNumberInformation objects that contain the details for the requested phone numbers.

Type: Array of PhoneNumberInformation objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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

- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribePools

Retrieves the specified pools or all pools associated with your AWS account.

If you specify pool IDs, the output includes information for only the specified pools. If you specify filters, the output includes information for only those pools that meet the filter criteria. If you don't specify pool IDs or filters, the output includes information for all pools.

If you specify a pool ID that isn't valid, an error is returned.

A pool is a collection of phone numbers and SenderIds. A pool can include one or more phone numbers and SenderIds that are associated with your AWS account.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "PoolIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of PoolFilter objects to filter the results.

Type: Array of PoolFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

PoolIds

The unique identifier of pools to find. This is an array of strings that can be either the PoolId or PoolArn.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

Response Syntax

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

```
      {
         "CreatedTimestamp": number,
         "DeletionProtectionEnabled": boolean,
         "MessageType": "string",
         "OptOutListName": "string",
         "PoolArn": "string",
         "PoolId": "string",
         "SelfManagedOptOutsEnabled": boolean,
         "SharedRoutesEnabled": boolean,
         "Status": "string",
         "TwoWayChannelArn": "string",
         "TwoWayChannelRole": "string",
         "TwoWayEnabled": 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 be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Pools

An array of PoolInformation objects that contain the details for the requested pools.

Type: Array of PoolInformation objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeRegistrationAttachments

Retrieves the specified registration attachments or all registration attachments associated with your AWS account.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "RegistrationAttachmentIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of RegistrationAttachmentFilter objects to filter the results.

Type: Array of RegistrationAttachmentFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

RegistrationAttachmentIds

The unique identifier of registration attachments to find. This is an array of **RegistrationAttachmentId**.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

Response Syntax

```
{
   "NextToken": "string",
   "RegistrationAttachments": [
      {
         "AttachmentStatus": "string",
         "AttachmentUploadErrorReason": "string",
         "CreatedTimestamp": number,
         "RegistrationAttachmentArn": "string",
         "RegistrationAttachmentId": "string"
      }
   ]
```

```
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

RegistrationAttachments

An array of **RegistrationAttachments** objects that contain the details for the requested registration attachments.

Type: Array of RegistrationAttachmentsInformation objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeRegistrationFieldDefinitions

Retrieves the specified registration type field definitions. You can use DescribeRegistrationFieldDefinitions to view the requirements for creating, filling out, and submitting each registration type.

Request Syntax

```
{
   "FieldPaths": [ "string" ],
   "MaxResults": number,
   "NextToken": "string",
   "RegistrationType": "string",
   "SectionPath": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

FieldPaths

An array of paths to the registration form field.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

Type: String

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

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

Required: Yes

SectionPath

The path to the section of the registration.

Type: String

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

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

Required: No

Response Syntax

```
{
```

```
   "NextToken": "string",
   "RegistrationFieldDefinitions": [
      {
         "DisplayHints": {
            "DocumentationLink": "string",
            "DocumentationTitle": "string",
            "ExampleTextValue": "string",
            "LongDescription": "string",
            "SelectOptionDescriptions": [
               {
                  "Description": "string",
                  "Option": "string",
                  "Title": "string"
               }
            ],
            "ShortDescription": "string",
            "TextValidationDescription": "string",
            "Title": "string"
         },
         "FieldPath": "string",
         "FieldRequirement": "string",
         "FieldType": "string",
         "SectionPath": "string",
         "SelectValidation": {
            "MaxChoices": number,
            "MinChoices": number,
            "Options": [ "string" ]
         },
         "TextValidation": {
            "MaxLength": number,
            "MinLength": number,
            "Pattern": "string"
         }
      }
   ],
   "RegistrationType": "string"
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

RegistrationFieldDefinitions

An array of RegistrationFieldDefinitions objects that contain the details for the requested fields.

Type: Array of RegistrationFieldDefinition objects

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

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 Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeRegistrationFieldValues

Retrieves the specified registration field values.

Request Syntax

```
{
   "FieldPaths": [ "string" ],
   "MaxResults": number,
   "NextToken": "string",
   "RegistrationId": "string",
   "SectionPath": "string",
   "VersionNumber": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

FieldPaths

An array of paths to the registration form field.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

RegistrationId

The unique identifier for the registration.

Type: String

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

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

Required: Yes

SectionPath

The path to the section of the registration.

Type: String

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

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

Required: No

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: No

Response Syntax

```
{
   "NextToken": "string",
   "RegistrationArn": "string",
   "RegistrationFieldValues": [
      {
         "DeniedReason": "string",
         "FieldPath": "string",
         "RegistrationAttachmentId": "string",
         "SelectChoices": [ "string" ],
         "TextValue": "string"
      }
   ],
   "RegistrationId": "string",
   "VersionNumber": number
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationFieldValues

An array of RegistrationFieldValues objects that contain the values for the requested registration.

Type: Array of RegistrationFieldValueInformation objects

RegistrationId

The unique identifier for the registration.

Type: String

VersionNumber

The current version of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeRegistrations

Retrieves the specified registrations.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "RegistrationIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of RegistrationFilter objects to filter the results.

Type: Array of RegistrationFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

RegistrationIds

An array of unique identifiers for each registration.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

Response Syntax

```
{
   "NextToken": "string",
   "Registrations": [
      {
         "AdditionalAttributes": {
            "string" : "string"
         },
         "ApprovedVersionNumber": number,
         "CreatedTimestamp": number,
         "CurrentVersionNumber": number,
         "LatestDeniedVersionNumber": number,
         "RegistrationArn": "string",
         "RegistrationId": "string",
         "RegistrationStatus": "string",
```

```
            "RegistrationType": "string"
        }
    ]
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Registrations

An array of RegistrationInformation objects.

Type: Array of RegistrationInformation objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeRegistrationSectionDefinitions

Retrieves the specified registration section definitions. You can use DescribeRegistrationSectionDefinitions to view the requirements for creating, filling out, and submitting each registration type.

Request Syntax

```
{
   "MaxResults": number,
   "NextToken": "string",
   "RegistrationType": "string",
   "SectionPaths": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

Type: String

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

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

Required: Yes

SectionPaths

An array of paths for the registration form section.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

Response Syntax

```
{
   "NextToken": "string",
   "RegistrationSectionDefinitions": [
      {
         "DisplayHints": {
            "DocumentationLink": "string",
            "DocumentationTitle": "string",
            "LongDescription": "string",
            "ShortDescription": "string",
            "Title": "string"
         },
         "SectionPath": "string"
```

```
      }
   ],
   "RegistrationType": "string"
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

RegistrationSectionDefinitions

An array of RegistrationSectionDefinition objects.

Type: Array of RegistrationSectionDefinition objects

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

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 Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeRegistrationTypeDefinitions

Retrieves the specified registration type definitions. You can use DescribeRegistrationTypeDefinitions to view the requirements for creating, filling out, and submitting each registration type.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "RegistrationTypes": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of RegistrationFilter objects to filter the results.

Type: Array of RegistrationTypeFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

RegistrationTypes

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

Response Syntax

```
{
   "NextToken": "string",
   "RegistrationTypeDefinitions": [
      {
         "DisplayHints": {
            "DocumentationLink": "string",
            "DocumentationTitle": "string",
            "LongDescription": "string",
            "ShortDescription": "string",
            "Title": "string"
         },
         "RegistrationType": "string",
```

```
         "SupportedAssociations": [
            {
               "AssociationBehavior": "string",
               "DisassociationBehavior": "string",
               "IsoCountryCode": "string",
               "ResourceType": "string"
            }
         ]
      }
   ]
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

RegistrationTypeDefinitions

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

Type: Array of RegistrationTypeDefinition objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeRegistrationVersions

Retrieves the specified registration version.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "RegistrationId": "string",
   "VersionNumbers": [ number ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of RegistrationVersionFilter objects to filter the results.

Type: Array of RegistrationVersionFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

RegistrationId

The unique identifier for the registration.

Type: String

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

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

Required: Yes

VersionNumbers

An array of registration version numbers.

Type: Array of longs

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: No

Response Syntax

```
{
   "NextToken": "string",
   "RegistrationArn": "string",
   "RegistrationId": "string",
```

```
   "RegistrationVersions": [
      {
         "DeniedReasons": [
            {
               "DocumentationLink": "string",
               "DocumentationTitle": "string",
               "LongDescription": "string",
               "Reason": "string",
               "ShortDescription": "string"
            }
         ],
         "RegistrationVersionStatus": "string",
         "RegistrationVersionStatusHistory": {
            "ApprovedTimestamp": number,
            "ArchivedTimestamp": number,
            "DeniedTimestamp": number,
            "DiscardedTimestamp": number,
            "DraftTimestamp": number,
            "ReviewingTimestamp": number,
            "RevokedTimestamp": number,
            "SubmittedTimestamp": number
         },
         "VersionNumber": number
      }
   ]
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationVersions

An array of RegistrationVersions objects.

Type: Array of RegistrationVersionInformation objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeSenderIds

Describes the specified SenderIds or all SenderIds associated with your AWS account.

If you specify SenderIds, the output includes information for only the specified SenderIds. If you specify filters, the output includes information for only those SenderIds that meet the filter criteria. If you don't specify SenderIds or filters, the output includes information for all SenderIds.

f you specify a sender ID that isn't valid, an error is returned.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "SenderIds": [
      {
         "IsoCountryCode": "string",
         "SenderId": "string"
      }
   ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of SenderIdFilter objects to filter the results.

Type: Array of SenderIdFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

SenderIds

An array of SenderIdAndCountry objects to search for.

Type: Array of SenderIdAndCountry objects

Array Members: Minimum number of 0 items. Maximum number of 5 items.

Required: No

Response Syntax

```
{
   "NextToken": "string",
   "SenderIds": [
      {
         "DeletionProtectionEnabled": boolean,
         "IsoCountryCode": "string",
```

```
            "MessageTypes": [ "string" ],
            "MonthlyLeasingPrice": "string",
            "Registered": boolean,
            "RegistrationId": "string",
            "SenderId": "string",
            "SenderIdArn": "string"
        }
    ]
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

SenderIds

An array of SernderIdInformation objects that contain the details for the requested SenderIds.

Type: Array of SenderIdInformation objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeSpendLimits

Describes the current Amazon Pinpoint monthly spend limits for sending voice and text messages.

When you establish an AWS account, the account has initial monthly spend limit in a given Region. For more information on increasing your monthly spend limit, see Requesting increases to your monthly SMS spending quota for Amazon Pinpoint in the *Amazon Pinpoint User Guide*.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

Response Syntax

```
{
   "NextToken": "string",
   "SpendLimits": [
      {
         "EnforcedLimit": number,
         "MaxLimit": number,
         "Name": "string",
         "Overridden": 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 be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

SpendLimits

An array of SpendLimit objects that contain the details for the requested spend limits.

Type: Array of SpendLimit objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DescribeVerifiedDestinationNumbers

Retrieves the specified verified destiona numbers.

Request Syntax

```
{
   "DestinationPhoneNumbers": [ "string" ],
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "VerifiedDestinationNumberIds": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

DestinationPhoneNumbers

An array of verified destination phone number, in E.164 format.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: No

Filters

An array of VerifiedDestinationNumberFilter objects to filter the results.

Type: Array of VerifiedDestinationNumberFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

VerifiedDestinationNumberIds

An array of VerifiedDestinationNumberid to retreive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 5 items.

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

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

Required: No

Response Syntax

```
{
```

```
   "NextToken": "string",
   "VerifiedDestinationNumbers": [
      {
         "CreatedTimestamp": number,
         "DestinationPhoneNumber": "string",
         "Status": "string",
         "VerifiedDestinationNumberArn": "string",
         "VerifiedDestinationNumberId": "string"
      }
   ]
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

VerifiedDestinationNumbers

An array of VerifiedDestinationNumberInformation objects

Type: Array of VerifiedDestinationNumberInformation objects

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DisassociateOriginationIdentity

Removes the specified origination identity from an existing pool.

If the origination identity isn't associated with the specified pool, an error is returned.

Request Syntax

```
{
   "ClientToken": "string",
   "IsoCountryCode": "string",
   "OriginationIdentity": "string",
   "PoolId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: `[!-~]+`

Required: No

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

OriginationIdentity

The origination identity to use such as a PhoneNumberId, PhoneNumberArn, SenderId or SenderIdArn. You can use DescribePhoneNumbers find the values for PhoneNumberId and PhoneNumberArn, or use DescribeSenderIds to get the values for SenderId and SenderIdArn.

Type: String

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

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

Required: Yes

PoolId

The unique identifier for the pool to disassociate with the origination identity. This value can be either the PoolId or PoolArn.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "IsoCountryCode": "string",
   "OriginationIdentity": "string",
   "OriginationIdentityArn": "string",
   "PoolArn": "string",
   "PoolId": "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.

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

OriginationIdentity

The PhoneNumberId or SenderId of the origination identity.

Type: String

OriginationIdentityArn

The PhoneNumberArn or SenderIdArn of the origination identity.

Type: String

PoolArn

The Amazon Resource Name (ARN) of the pool.

Type: String

PoolId

The PoolId of the pool no longer associated with the origination identity.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2

- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

DiscardRegistrationVersion

Discard the current version of the registration.

Request Syntax

```
{
   "RegistrationId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

RegistrationId

The unique identifier for the registration.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "RegistrationArn": "string",
   "RegistrationId": "string",
   "RegistrationVersionStatus": "string",
   "RegistrationVersionStatusHistory": {
      "ApprovedTimestamp": number,
      "ArchivedTimestamp": number,
      "DeniedTimestamp": number,
      "DiscardedTimestamp": number,
      "DraftTimestamp": number,
      "ReviewingTimestamp": number,
```

```
      "RevokedTimestamp": number,
      "SubmittedTimestamp": number
   },
   "VersionNumber": number
}
```

Response Elements

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

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

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationVersionStatus

The status of the registration version.

- DRAFT: The initial status of a registration version after it's created.
- SUBMITTED: Your registration has been submitted.
- REVIEWING: Your registration has been accepted and is being reviewed.
- APPROVED: Your registration has been approved.
- DISCARDED: You've abandon this version of their registration to start over with a new version.
- DENIED: You must fix your registration and resubmit it.
- REVOKED: Your previously approved registration has been revoked.
- ARCHIVED: Your previously approved registration version moves into this status when a more recently submitted version is approved.

Type: String

Valid Values: DRAFT | SUBMITTED | REVIEWING | APPROVED | DISCARDED | DENIED | REVOKED | ARCHIVED

RegistrationVersionStatusHistory

The **RegistrationVersionStatusHistory** object contains the time stamps for when the reservations status changes.

Type: RegistrationVersionStatusHistory object

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListPoolOriginationIdentities

Lists all associated origination identities in your pool.

If you specify filters, the output includes information for only those origination identities that meet the filter criteria.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "PoolId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of PoolOriginationIdentitiesFilter objects to filter the results..

Type: Array of PoolOriginationIdentitiesFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

PoolId

The unique identifier for the pool. This value can be either the PoolId or PoolArn.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "NextToken": "string",
   "OriginationIdentities": [
      {
         "IsoCountryCode": "string",
         "NumberCapabilities": [ "string" ],
         "OriginationIdentity": "string",
         "OriginationIdentityArn": "string",
         "PhoneNumber": "string"
      }
   ],
   "PoolArn": "string",
   "PoolId": "string"
```

```
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. If this field is empty then there are no more results.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

OriginationIdentities

An array of any OriginationIdentityMetadata objects.

Type: Array of OriginationIdentityMetadata objects

PoolArn

The Amazon Resource Name (ARN) for the pool.

Type: String

PoolId

The unique PoolId of the pool.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListRegistrationAssociations

Retreive all of the origination identies that are associated with a registration.

Request Syntax

```
{
   "Filters": [
      {
         "Name": "string",
         "Values": [ "string" ]
      }
   ],
   "MaxResults": number,
   "NextToken": "string",
   "RegistrationId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Filters

An array of RegistrationAssociationFilter to apply to the results that are returned.

Type: Array of RegistrationAssociationFilter objects

Array Members: Minimum number of 0 items. Maximum number of 20 items.

Required: No

MaxResults

The maximum number of results to return per each request.

Type: Integer

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

Required: No

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

Required: No

RegistrationId

The unique identifier for the registration.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "NextToken": "string",
   "RegistrationArn": "string",
   "RegistrationAssociations": [
      {
         "IsoCountryCode": "string",
         "PhoneNumber": "string",
         "ResourceArn": "string",
         "ResourceId": "string",
         "ResourceType": "string"
      }
   ],
   "RegistrationId": "string",
   "RegistrationType": "string"
}
```

Response Elements

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

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

NextToken

The token to be used for the next set of paginated results. You don't need to supply a value for this field in the initial request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `.+`

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationAssociations

An array of RegistrationAssociationMetadata objects.

Type: Array of RegistrationAssociationMetadata objects

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

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 Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ListTagsForResource

List all tags associated with a resource.

Request Syntax

```
{
   "ResourceArn": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ResourceArn

The Amazon Resource Name (ARN) of the resource to query for.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "ResourceArn": "string",
   "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.

ResourceArn

The ARN of the resource.

Type: String

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

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

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 200 items.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

PutKeyword

Creates or updates a keyword configuration on an origination phone number or pool.

A keyword is a word that you can search for on a particular phone number or pool. It is also a specific word or phrase that an end user can send to your number to elicit a response, such as an informational message or a special offer. When your number receives a message that begins with a keyword, Amazon Pinpoint responds with a customizable message.

If you specify a keyword that isn't valid, an error is returned.

Request Syntax

```
{
   "Keyword": "string",
   "KeywordAction": "string",
   "KeywordMessage": "string",
   "OriginationIdentity": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

Keyword

The new keyword to add.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[ \S]+`

Required: Yes

KeywordAction

The action to perform for the new keyword when it is received.

- AUTOMATIC_RESPONSE: A message is sent to the recipient.

- OPT_OUT: Keeps the recipient from receiving future messages.
- OPT_IN: The recipient wants to receive future messages.

Type: String

Valid Values: `AUTOMATIC_RESPONSE | OPT_OUT | OPT_IN`

Required: No

KeywordMessage

The message associated with the keyword.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

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

Required: Yes

OriginationIdentity

The origination identity to use such as a PhoneNumberId, PhoneNumberArn, SenderId or SenderIdArn. You can use DescribePhoneNumbers get the values for PhoneNumberId and PhoneNumberArn while DescribeSenderIds can be used to get the values for SenderId and SenderIdArn.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "Keyword": "string",
   "KeywordAction": "string",
   "KeywordMessage": "string",
   "OriginationIdentity": "string",
```

```
   "OriginationIdentityArn": "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.

Keyword

The keyword that was added.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[ \S]+`

KeywordAction

The action to perform when the keyword is used.

Type: String

Valid Values: `AUTOMATIC_RESPONSE | OPT_OUT | OPT_IN`

KeywordMessage

The message associated with the keyword.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

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

OriginationIdentity

The PhoneNumberId or PoolId that the keyword was associated with.

Type: String

OriginationIdentityArn

The PhoneNumberArn or PoolArn that the keyword was associated with.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

PutOptedOutNumber

Creates an opted out destination phone number in the opt-out list.

If the destination phone number isn't valid or if the specified opt-out list doesn't exist, an error is returned.

Request Syntax

```
{
   "OptedOutNumber": "string",
   "OptOutListName": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

OptedOutNumber

The phone number to add to the OptOutList in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: Yes

OptOutListName

The OptOutListName or OptOutListArn to add the phone number to.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "EndUserOptedOut": boolean,
   "OptedOutNumber": "string",
   "OptedOutTimestamp": number,
   "OptOutListArn": "string",
   "OptOutListName": "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.

EndUserOptedOut

This is true if it was the end user who requested their phone number be removed.

Type: Boolean

OptedOutNumber

The phone number that was added to the OptOutList.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

OptedOutTimestamp

The time that the phone number was added to the OptOutList, in UNIX epoch time format.

Type: Timestamp

OptOutListArn

The OptOutListArn that the phone number was removed from.

Type: String

OptOutListName

The OptOutListName that the phone number was removed from.

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 Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

PutRegistrationFieldValue

Creates or updates a field value for a registration.

Request Syntax

```
{
   "FieldPath": "string",
   "RegistrationAttachmentId": "string",
   "RegistrationId": "string",
   "SelectChoices": [ "string" ],
   "TextValue": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

FieldPath

The path to the registration form field. You can use DescribeRegistrationFieldDefinitions for a list of **FieldPaths**.

Type: String

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

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

Required: Yes

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

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

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

Required: No

RegistrationId

The unique identifier for the registration.

Type: String

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

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

Required: Yes

SelectChoices

An array of values for the form field.

Type: Array of strings

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

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

Required: No

TextValue

The text data for a free form field.

Type: String

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

Required: No

Response Syntax

```
{
   "FieldPath": "string",
   "RegistrationArn": "string",
   "RegistrationAttachmentId": "string",
   "RegistrationId": "string",
   "SelectChoices": [ "string" ],
```

```
   "TextValue": "string",
   "VersionNumber": number
}
```

Response Elements

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

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

FieldPath

The path to the registration form field. You can use DescribeRegistrationFieldDefinitions for a list of **FieldPaths**.

Type: String

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

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

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

SelectChoices

An array of values for the form field.

Type: Array of strings

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

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

TextValue

The text data for a free form field.

Type: String

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

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ReleasePhoneNumber

Releases an existing origination phone number in your account. Once released, a phone number is no longer available for sending messages.

If the origination phone number has deletion protection enabled or is associated with a pool, an error is returned.

Request Syntax

```
{
   "PhoneNumberId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

PhoneNumberId

The PhoneNumberId or PhoneNumberArn of the phone number to release. You can use DescribePhoneNumbers to get the values for PhoneNumberId and PhoneNumberArn.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "CreatedTimestamp": number,
   "IsoCountryCode": "string",
   "MessageType": "string",
```

```
   "MonthlyLeasingPrice": "string",
   "NumberCapabilities": [ "string" ],
   "NumberType": "string",
   "OptOutListName": "string",
   "PhoneNumber": "string",
   "PhoneNumberArn": "string",
   "PhoneNumberId": "string",
   "RegistrationId": "string",
   "SelfManagedOptOutsEnabled": boolean,
   "Status": "string",
   "TwoWayChannelArn": "string",
   "TwoWayChannelRole": "string",
   "TwoWayEnabled": 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.

CreatedTimestamp

The time when the phone number was created, in UNIX epoch time format.

Type: Timestamp

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

MessageType

The message type that was associated with the phone number.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

MonthlyLeasingPrice

The monthly price of the phone number, in US dollars.

Type: String

NumberCapabilities

Specifies if the number could be used for text messages, voice, or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `SMS | VOICE`

NumberType

The type of number that was released.

Type: String

Valid Values: `SHORT_CODE | LONG_CODE | TOLL_FREE | TEN_DLC | SIMULATOR`

OptOutListName

The name of the OptOutList that was associated with the phone number.

Type: String

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

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

PhoneNumber

The phone number that was released.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

PhoneNumberArn

The PhoneNumberArn of the phone number that was released.

Type: String

PhoneNumberId

The PhoneNumberId of the phone number that was released.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, Amazon Pinpoint automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Status

The current status of the request.

Type: String

Valid Values: `PENDING | ACTIVE | ASSOCIATING | DISASSOCIATING | DELETED`

TwoWayChannelArn

The Amazon Resource Name (ARN) of the TwoWayChannel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `\S+`

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

HTTP Status Code: 400

See Also

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

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- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

ReleaseSenderId

Releases an existing sender ID in your account.

Request Syntax

```
{
   "IsoCountryCode": "string",
   "SenderId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

SenderId

The sender ID to release.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "IsoCountryCode": "string",
   "MessageTypes": [ "string" ],
   "MonthlyLeasingPrice": "string",
   "Registered": boolean,
   "RegistrationId": "string",
   "SenderId": "string",
   "SenderIdArn": "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.

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

MessageTypes

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

MonthlyLeasingPrice

The monthly price, in US dollars, to lease the sender ID.

Type: String

Registered

True if the sender ID is registered.

Type: Boolean

RegistrationId

The unique identifier for the registration.

Type: String

SenderId

The sender ID that was released.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

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

SenderIdArn

The Amazon Resource Name (ARN) associated with the SenderId.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

RequestPhoneNumber

Request an origination phone number for use in your account. For more information on phone number request see Requesting a number in the *Amazon Pinpoint User Guide*.

Request Syntax

```
{
   "ClientToken": "string",
   "DeletionProtectionEnabled": boolean,
   "IsoCountryCode": "string",
   "MessageType": "string",
   "NumberCapabilities": [ "string" ],
   "NumberType": "string",
   "OptOutListName": "string",
   "PoolId": "string",
   "RegistrationId": "string",
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: `[!-~]+`

Required: No

DeletionProtectionEnabled

By default this is set to false. When set to true the phone number can't be deleted.

Type: Boolean

Required: No

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Required: Yes

NumberCapabilities

Indicates if the phone number will be used for text messages, voice messages, or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `SMS | VOICE`

Required: Yes

NumberType

The type of phone number to request.

Type: String

Valid Values: `LONG_CODE | TOLL_FREE | TEN_DLC | SIMULATOR`

Required: Yes

OptOutListName

The name of the OptOutList to associate with the phone number. You can use the OptOutListName or OptOutListArn.

Type: String

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

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

Required: No

PoolId

The pool to associated with the phone number. You can use the PoolId or PoolArn.

Type: String

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

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

Required: No

RegistrationId

Use this field to attach your phone number for an external registration process.

Type: String

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

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

Required: No

Tags

An array of tags (key and value pairs) associate with the requested phone number.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
   "CreatedTimestamp": number,
   "DeletionProtectionEnabled": boolean,
   "IsoCountryCode": "string",
   "MessageType": "string",
   "MonthlyLeasingPrice": "string",
   "NumberCapabilities": [ "string" ],
   "NumberType": "string",
   "OptOutListName": "string",
   "PhoneNumber": "string",
   "PhoneNumberArn": "string",
   "PhoneNumberId": "string",
   "PoolId": "string",
   "RegistrationId": "string",
   "SelfManagedOptOutsEnabled": boolean,
   "Status": "string",
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ],
   "TwoWayChannelArn": "string",
   "TwoWayChannelRole": "string",
   "TwoWayEnabled": 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.

CreatedTimestamp

The time when the phone number was created, in UNIX epoch time format.

Type: Timestamp

DeletionProtectionEnabled

By default this is set to false. When set to true the phone number can't be deleted.

Type: Boolean

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

MonthlyLeasingPrice

The monthly price, in US dollars, to lease the phone number.

Type: String

NumberCapabilities

Indicates if the phone number will be used for text messages, voice messages or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `SMS | VOICE`

NumberType

The type of number that was released.

Type: String

Valid Values: `LONG_CODE | TOLL_FREE | TEN_DLC | SIMULATOR`

OptOutListName

The name of the OptOutList that is associated with the requested phone number.

Type: String

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

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

PhoneNumber

The new phone number that was requested.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

PhoneNumberArn

The Amazon Resource Name (ARN) of the requested phone number.

Type: String

PhoneNumberId

The unique identifier of the new phone number.

Type: String

PoolId

The unique identifier of the pool associated with the phone number

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

SelfManagedOptOutsEnabled

By default this is set to false. When an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, Amazon Pinpoint automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Status

The current status of the request.

Type: String

Valid Values: `PENDING | ACTIVE | ASSOCIATING | DISASSOCIATING | DELETED`

Tags

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

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

TwoWayChannelArn

The ARN used to identify the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

RequestSenderId

Request a new sender ID that doesn't require registration.

Request Syntax

```
{
   "ClientToken": "string",
   "DeletionProtectionEnabled": boolean,
   "IsoCountryCode": "string",
   "MessageTypes": [ "string" ],
   "SenderId": "string",
   "Tags": [
      {
         "Key": "string",
         "Value": "string"
      }
   ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ClientToken

Unique, case-sensitive identifier that you provide to ensure the idempotency of the request. If you don't specify a client token, a randomly generated token is used for the request to ensure idempotency.

Type: String

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

Pattern: `[!-~]+`

Required: No

DeletionProtectionEnabled

By default this is set to false. When set to true the sender ID can't be deleted.

Type: Boolean

Required: No

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

MessageTypes

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Required: No

SenderId

The sender ID string to request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

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

Required: Yes

Tags

An array of tags (key and value pairs) to associate with the sender ID.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Required: No

Response Syntax

```
{
   "DeletionProtectionEnabled": boolean,
   "IsoCountryCode": "string",
   "MessageTypes": [ "string" ],
   "MonthlyLeasingPrice": "string",
   "Registered": boolean,
   "SenderId": "string",
   "SenderIdArn": "string",
   "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.

DeletionProtectionEnabled

By default this is set to false. When set to true the sender ID can't be deleted.

Type: Boolean

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

MessageTypes

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

MonthlyLeasingPrice

The monthly price, in US dollars, to lease the sender ID.

Type: String

Registered

True if the sender ID is registered.

Type: Boolean

SenderId

The sender ID that was requested.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

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

SenderIdArn

The Amazon Resource Name (ARN) associated with the SenderId.

Type: String

Tags

An array of tags (key and value pairs) to associate with the sender ID.

Type: Array of Tag objects

Array Members: Minimum number of 0 items. Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

SendDestinationNumberVerificationCode

Before you can send test messages to a verified destination phone number you need to opt-in the verified destination phone number. Creates a new text message with a verification code and send it to a verified destination phone number. Once you have the verification code use VerifyDestinationNumber to opt-in the verified destination phone number to receive messages.

Request Syntax

```
{
   "ConfigurationSetName": "string",
   "Context": {
      "string" : "string"
   },
   "DestinationCountryParameters": {
      "string" : "string"
   },
   "LanguageCode": "string",
   "OriginationIdentity": "string",
   "VerificationChannel": "string",
   "VerifiedDestinationNumberId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set to use. This can be either the ConfigurationSetName or ConfigurationSetArn.

Type: String

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

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

Required: No

Context

You can specify custom data in this field. If you do, that data is logged to the event destination.

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

DestinationCountryParameters

This field is used for any country-specific registration requirements. Currently, this setting is only used when you send messages to recipients in India using a sender ID. For more information see Special requirements for sending SMS messages to recipients in India.

Type: String to string map

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

Valid Keys: `IN_TEMPLATE_ID | IN_ENTITY_ID`

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

Value Pattern: `\S+`

Required: No

LanguageCode

Choose the language to use for the message.

Type: String

Valid Values: `DE_DE | EN_GB | EN_US | ES_419 | ES_ES | FR_CA | FR_FR | IT_IT | JA_JP | KO_KR | PT_BR | ZH_CN | ZH_TW`

Required: No

OriginationIdentity

The origination identity of the message. This can be either the PhoneNumber, PhoneNumberId, PhoneNumberArn, SenderId, SenderIdArn, PoolId, or PoolArn.

Type: String

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

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

Required: No

VerificationChannel

Choose to send the verification code as an SMS or voice message.

Type: String

Valid Values: `TEXT | VOICE`

Required: Yes

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "MessageId": "string"
}
```

Response Elements

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

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

MessageId

The unique identifier for the message.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

SendTextMessage

Creates a new text message and sends it to a recipient's phone number.

SMS throughput limits are measured in Message Parts per Second (MPS). Your MPS limit depends on the destination country of your messages, as well as the type of phone number (origination number) that you use to send the message. For more information, see Message Parts per Second (MPS) limits in the *Amazon Pinpoint User Guide*.

Request Syntax

```
{
   "ConfigurationSetName": "string",
   "Context": {
      "string" : "string"
   },
   "DestinationCountryParameters": {
      "string" : "string"
   },
   "DestinationPhoneNumber": "string",
   "DryRun": boolean,
   "Keyword": "string",
   "MaxPrice": "string",
   "MessageBody": "string",
   "MessageType": "string",
   "OriginationIdentity": "string",
   "TimeToLive": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set to use. This can be either the ConfigurationSetName or ConfigurationSetArn.

Type: String

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

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

Required: No

Context

You can specify custom data in this field. If you do, that data is logged to the event destination.

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

DestinationCountryParameters

This field is used for any country-specific registration requirements. Currently, this setting is only used when you send messages to recipients in India using a sender ID. For more information see Special requirements for sending SMS messages to recipients in India.

Type: String to string map

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

Valid Keys: `IN_TEMPLATE_ID | IN_ENTITY_ID`

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

Value Pattern: `\S+`

Required: No

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: Yes

DryRun

When set to true, the message is checked and validated, but isn't sent to the end recipient.

Type: Boolean

Required: No

Keyword

When you register a short code in the US, you must specify a program name. If you don’t have a US short code, omit this attribute.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[ \S]+`

Required: No

MaxPrice

The maximum amount that you want to spend, in US dollars, per each text message part. A text message can contain multiple parts.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 8.

Pattern: `[0-9]{0,2}\.[0-9]{1,5}`

Required: No

MessageBody

The body of the text message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

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

Required: No

MessageType

The type of message. Valid values are for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Required: No

OriginationIdentity

The origination identity of the message. This can be either the PhoneNumber, PhoneNumberId, PhoneNumberArn, SenderId, SenderIdArn, PoolId, or PoolArn.

Type: String

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

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

Required: No

TimeToLive

How long the text message is valid for. By default this is 72 hours.

Type: Integer

Valid Range: Minimum value of 5. Maximum value of 259200.

Required: No

Response Syntax

```
{
   "MessageId": "string"
```

```
}
```

Response Elements

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

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

MessageId

The unique identifier for the message.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

SendVoiceMessage

Allows you to send a request that sends a voice message through Amazon Pinpoint. This operation uses Amazon Polly to convert a text script into a voice message.

Request Syntax

```
{
   "ConfigurationSetName": "string",
   "Context": {
      "string" : "string"
   },
   "DestinationPhoneNumber": "string",
   "DryRun": boolean,
   "MaxPricePerMinute": "string",
   "MessageBody": "string",
   "MessageBodyTextType": "string",
   "OriginationIdentity": "string",
   "TimeToLive": number,
   "VoiceId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ConfigurationSetName

The name of the configuration set to use. This can be either the ConfigurationSetName or ConfigurationSetArn.

Type: String

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

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

Required: No

Context

You can specify custom data in this field. If you do, that data is logged to the event destination.

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

DestinationPhoneNumber

The destination phone number in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: Yes

DryRun

When set to true, the message is checked and validated, but isn't sent to the end recipient.

Type: Boolean

Required: No

MaxPricePerMinute

The maximum amount to spend per voice message, in US dollars.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 8.

Pattern: `[0-9]{0,2}\.[0-9]{1,5}`

Required: No

MessageBody

The text to convert to a voice message.

Type: String

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

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

Required: No

MessageBodyTextType

Specifies if the MessageBody field contains text or speech synthesis markup language (SSML).

- TEXT: This is the default value. When used the maximum character limit is 3000.
- SSML: When used the maximum character limit is 6000 including SSML tagging.

Type: String

Valid Values: `TEXT | SSML`

Required: No

OriginationIdentity

The origination identity to use for the voice call. This can be the PhoneNumber, PhoneNumberId, PhoneNumberArn, PoolId, or PoolArn.

Type: String

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

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

Required: Yes

TimeToLive

How long the voice message is valid for. By default this is 72 hours.

Type: Integer

Valid Range: Minimum value of 5. Maximum value of 259200.

Required: No

VoiceId

The voice for the Amazon Polly service to use. By default this is set to "MATTHEW".

Type: String

Valid Values: AMY | ASTRID | BIANCA | BRIAN | CAMILA | CARLA | CARMEN | CELINE | CHANTAL | CONCHITA | CRISTIANO | DORA | EMMA | ENRIQUE | EWA | FILIZ | GERAINT | GIORGIO | GWYNETH | HANS | INES | IVY | JACEK | JAN | JOANNA | JOEY | JUSTIN | KARL | KENDRA | KIMBERLY | LEA | LIV | LOTTE | LUCIA | LUPE | MADS | MAJA | MARLENE | MATHIEU | MATTHEW | MAXIM | MIA | MIGUEL | MIZUKI | NAJA | NICOLE | PENELOPE | RAVEENA | RICARDO | RUBEN | RUSSELL | SALLI | SEOYEON | TAKUMI | TATYANA | VICKI | VITORIA | ZEINA | ZHIYU

Required: No

Response Syntax

```
{
   "MessageId": "string"
}
```

Response Elements

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

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

MessageId

The unique identifier for the message.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

SetDefaultMessageType

Sets the default message type on a configuration set.

Choose the category of SMS messages that you plan to send from this account. If you send account-related messages or time-sensitive messages such as one-time passcodes, choose **Transactional**. If you plan to send messages that contain marketing material or other promotional content, choose **Promotional**. This setting applies to your entire AWS account.

Request Syntax

```
{
   "ConfigurationSetName": "string",
   "MessageType": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ConfigurationSetName

The configuration set to update with a new default message type. This field can be the ConsigurationSetName or ConfigurationSetArn.

Type: String

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

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

Required: Yes

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Required: Yes

Response Syntax

```
{
   "ConfigurationSetArn": "string",
   "ConfigurationSetName": "string",
   "MessageType": "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.

ConfigurationSetArn

The Amazon Resource Name (ARN) of the updated configuration set.

Type: String

ConfigurationSetName

The name of the configuration set that was updated.

Type: String

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

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

MessageType

The new default message type of the configuration set.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

SetDefaultSenderId

Sets default sender ID on a configuration set.

When sending a text message to a destination country that supports sender IDs, the default sender ID on the configuration set specified will be used if no dedicated origination phone numbers or registered sender IDs are available in your account.

Request Syntax

```
{
   "ConfigurationSetName": "string",
   "SenderId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

ConfigurationSetName

The configuration set to updated with a new default SenderId. This field can be the ConsigurationSetName or ConfigurationSetArn.

Type: String

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

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

Required: Yes

SenderId

The current sender ID for the configuration set. When sending a text message to a destination country which supports SenderIds, the default sender ID on the configuration set specified on SendTextMessage will be used if no dedicated origination phone numbers or registered SenderIds are available in your account, instead of a generic sender ID, such as 'NOTICE'.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

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

Required: Yes

Response Syntax

```
{
   "ConfigurationSetArn": "string",
   "ConfigurationSetName": "string",
   "SenderId": "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.

ConfigurationSetArn

The Amazon Resource Name (ARN) of the updated configuration set.

Type: String

ConfigurationSetName

The name of the configuration set that was updated.

Type: String

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

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

SenderId

The default sender ID to set for the ConfigurationSet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

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

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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

- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

SetTextMessageSpendLimitOverride

Sets an account level monthly spend limit override for sending text messages. The requested spend limit must be less than or equal to the `MaxLimit`, which is set by AWS.

Request Syntax

```
{
   "MonthlyLimit": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

MonthlyLimit

The new monthly limit to enforce on text messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Required: Yes

Response Syntax

```
{
   "MonthlyLimit": 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.

MonthlyLimit

The current monthly limit to enforce on sending text messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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

- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

SetVoiceMessageSpendLimitOverride

Sets an account level monthly spend limit override for sending voice messages. The requested spend limit must be less than or equal to the `MaxLimit`, which is set by AWS.

Request Syntax

```
{
   "MonthlyLimit": number
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

MonthlyLimit

The new monthly limit to enforce on voice messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Required: Yes

Response Syntax

```
{
   "MonthlyLimit": 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.

MonthlyLimit

The current monthly limit to enforce on sending voice messages.

Type: Long

Valid Range: Minimum value of 0. Maximum value of 1000000000.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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

- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

SubmitRegistrationVersion

Submit the specified registration for review and approval.

Request Syntax

```
{
   "RegistrationId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

RegistrationId

The unique identifier for the registration.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "RegistrationArn": "string",
   "RegistrationId": "string",
   "RegistrationVersionStatus": "string",
   "RegistrationVersionStatusHistory": {
      "ApprovedTimestamp": number,
      "ArchivedTimestamp": number,
      "DeniedTimestamp": number,
      "DiscardedTimestamp": number,
      "DraftTimestamp": number,
      "ReviewingTimestamp": number,
```

```
      "RevokedTimestamp": number,
      "SubmittedTimestamp": number
   },
   "VersionNumber": number
}
```

Response Elements

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

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

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

RegistrationVersionStatus

The status of the registration version.

- DRAFT: The initial status of a registration version after it's created.
- SUBMITTED: Your registration has been submitted.
- REVIEWING: Your registration has been accepted and is being reviewed.
- APPROVED: Your registration has been approved.
- DISCARDED: You've abandon this version of their registration to start over with a new version.
- DENIED: You must fix your registration and resubmit it.
- REVOKED: Your previously approved registration has been revoked.
- ARCHIVED: Your previously approved registration version moves into this status when a more recently submitted version is approved.

Type: String

Valid Values: DRAFT | SUBMITTED | REVIEWING | APPROVED | DISCARDED | DENIED | REVOKED | ARCHIVED

RegistrationVersionStatusHistory

The **RegistrationVersionStatusHistory** object contains the time stamps for when the reservations status changes.

Type: RegistrationVersionStatusHistory object

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

TagResource

Adds or overwrites only the specified tags for the specified Amazon Pinpoint SMS Voice, version 2 resource. When you specify an existing tag key, the value is overwritten with the new value. Each resource can have a maximum of 50 tags. Each tag consists of a key and an optional value. Tag keys must be unique per resource. For more information about tags, see Tagging Amazon Pinpoint resources in the *Amazon Pinpoint Developer Guide*.

Request Syntax

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

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

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

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 200 items.

Required: Yes

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 Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ServiceQuotaExceededException

The request would cause a service quota to be exceeded.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UntagResource

Removes the association of the specified tags from an Amazon Pinpoint SMS Voice V2 resource. For more information on tags see Tagging Amazon Pinpoint resources in the *Amazon Pinpoint Developer Guide*.

Request Syntax

```
{
   "ResourceArn": "string",
   "TagKeys": [ "string" ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

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

TagKeys

An array of tag key values to unassociate with the resource.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 200 items.

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

Pattern: `.+`

Required: Yes

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 Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateEventDestination

Updates an existing event destination in a configuration set. You can update the IAM role ARN for CloudWatch Logs and Firehose. You can also enable or disable the event destination.

You may want to update an event destination to change its matching event types or updating the destination resource ARN. You can't change an event destination's type between CloudWatch Logs, Firehose, and Amazon SNS.

Request Syntax

```
{
   "CloudWatchLogsDestination": {
      "IamRoleArn": "string",
      "LogGroupArn": "string"
   },
   "ConfigurationSetName": "string",
   "Enabled": boolean,
   "EventDestinationName": "string",
   "KinesisFirehoseDestination": {
      "DeliveryStreamArn": "string",
      "IamRoleArn": "string"
   },
   "MatchingEventTypes": [ "string" ],
   "SnsDestination": {
      "TopicArn": "string"
   }
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

CloudWatchLogsDestination

An object that contains information about an event destination that sends data to CloudWatch Logs.

Type: CloudWatchLogsDestination object

Required: No

ConfigurationSetName

The configuration set to update with the new event destination. Valid values for this can be the ConfigurationSetName or ConfigurationSetArn.

Type: String

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

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

Required: Yes

Enabled

When set to true logging is enabled.

Type: Boolean

Required: No

EventDestinationName

The name to use for the event destination.

Type: String

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

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

Required: Yes

KinesisFirehoseDestination

An object that contains information about an event destination for logging to Firehose.

Type: KinesisFirehoseDestination object

Required: No

MatchingEventTypes

An array of event types that determine which events to log.

> **Note**
>
> The TEXT_SENT event type is not supported.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 25 items.

Valid Values: ALL | TEXT_ALL | TEXT_SENT | TEXT_PENDING | TEXT_QUEUED | TEXT_SUCCESSFUL | TEXT_DELIVERED | TEXT_INVALID | TEXT_INVALID_MESSAGE | TEXT_UNREACHABLE | TEXT_CARRIER_UNREACHABLE | TEXT_BLOCKED | TEXT_CARRIER_BLOCKED | TEXT_SPAM | TEXT_UNKNOWN | TEXT_TTL_EXPIRED | VOICE_ALL | VOICE_INITIATED | VOICE_RINGING | VOICE_ANSWERED | VOICE_COMPLETED | VOICE_BUSY | VOICE_NO_ANSWER | VOICE_FAILED | VOICE_TTL_EXPIRED

Required: No

SnsDestination

An object that contains information about an event destination that sends data to Amazon SNS.

Type: SnsDestination object

Required: No

Response Syntax

```
{
   "ConfigurationSetArn": "string",
   "ConfigurationSetName": "string",
   "EventDestination": {
      "CloudWatchLogsDestination": {
         "IamRoleArn": "string",
         "LogGroupArn": "string"
      },
      "Enabled": boolean,
      "EventDestinationName": "string",
      "KinesisFirehoseDestination": {
         "DeliveryStreamArn": "string",
```

```
         "IamRoleArn": "string"
      },
      "MatchingEventTypes": [ "string" ],
      "SnsDestination": {
         "TopicArn": "string"
      }
   }
}
```

Response Elements

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

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

ConfigurationSetArn

The Amazon Resource Name (ARN) for the ConfigurationSet that was updated.

Type: String

ConfigurationSetName

The name of the configuration set.

Type: String

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

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

EventDestination

An EventDestination object containing the details of where events will be logged.

Type: EventDestination object

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2

- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdatePhoneNumber

Updates the configuration of an existing origination phone number. You can update the opt-out list, enable or disable two-way messaging, change the TwoWayChannelArn, enable or disable self-managed opt-outs, and enable or disable deletion protection.

If the origination phone number is associated with a pool, an error is returned.

Request Syntax

```
{
   "DeletionProtectionEnabled": boolean,
   "OptOutListName": "string",
   "PhoneNumberId": "string",
   "SelfManagedOptOutsEnabled": boolean,
   "TwoWayChannelArn": "string",
   "TwoWayChannelRole": "string",
   "TwoWayEnabled": boolean
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

DeletionProtectionEnabled

By default this is set to false. When set to true the phone number can't be deleted.

Type: Boolean

Required: No

OptOutListName

The OptOutList to add the phone number to. Valid values for this field can be either the OutOutListName or OutOutListArn.

Type: String

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

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

Required: No

PhoneNumberId

The unique identifier of the phone number. Valid values for this field can be either the PhoneNumberId or PhoneNumberArn.

Type: String

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

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

Required: Yes

SelfManagedOptOutsEnabled

By default this is set to false. When an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, Amazon Pinpoint automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Required: No

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `\S+`

Required: No

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

Required: No

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Required: No

Response Syntax

```
{
   "CreatedTimestamp": number,
   "DeletionProtectionEnabled": boolean,
   "IsoCountryCode": "string",
   "MessageType": "string",
   "MonthlyLeasingPrice": "string",
   "NumberCapabilities": [ "string" ],
   "NumberType": "string",
   "OptOutListName": "string",
   "PhoneNumber": "string",
   "PhoneNumberArn": "string",
   "PhoneNumberId": "string",
   "RegistrationId": "string",
   "SelfManagedOptOutsEnabled": boolean,
   "Status": "string",
   "TwoWayChannelArn": "string",
   "TwoWayChannelRole": "string",
   "TwoWayEnabled": 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.

CreatedTimestamp

The time when the phone number was created, in UNIX epoch time format.

Type: Timestamp

DeletionProtectionEnabled

When set to true the phone number can't be deleted.

Type: Boolean

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

MonthlyLeasingPrice

The monthly leasing price of the phone number, in US dollars.

Type: String

NumberCapabilities

Specifies if the number could be used for text messages, voice or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `SMS | VOICE`

NumberType

The type of number that was requested.

Type: String

Valid Values: `SHORT_CODE | LONG_CODE | TOLL_FREE | TEN_DLC | SIMULATOR`

OptOutListName

The name of the OptOutList associated with the phone number.

Type: String

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

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

PhoneNumber

The phone number that was updated.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

PhoneNumberArn

The Amazon Resource Name (ARN) of the updated phone number.

Type: String

PhoneNumberId

The unique identifier of the phone number.

Type: String

RegistrationId

The unique identifier for the registration.

Type: String

SelfManagedOptOutsEnabled

This is true if self managed opt-out are enabled.

Type: Boolean

Status

The current status of the request.

Type: String

Valid Values: `PENDING | ACTIVE | ASSOCIATING | DISASSOCIATING | DELETED`

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `\S+`

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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

- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdatePool

Updates the configuration of an existing pool. You can update the opt-out list, enable or disable two-way messaging, change the `TwoWayChannelArn`, enable or disable self-managed opt-outs, enable or disable deletion protection, and enable or disable shared routes.

Request Syntax

```
{
   "DeletionProtectionEnabled": boolean,
   "OptOutListName": "string",
   "PoolId": "string",
   "SelfManagedOptOutsEnabled": boolean,
   "SharedRoutesEnabled": boolean,
   "TwoWayChannelArn": "string",
   "TwoWayChannelRole": "string",
   "TwoWayEnabled": boolean
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

DeletionProtectionEnabled

When set to true the pool can't be deleted.

Type: Boolean

Required: No

OptOutListName

The OptOutList to associate with the pool. Valid values are either OptOutListName or OptOutListArn.

Type: String

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

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

Required: No

PoolId

The unique identifier of the pool to update. Valid values are either the PoolId or PoolArn.

Type: String

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

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

Required: Yes

SelfManagedOptOutsEnabled

By default this is set to false. When an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, Amazon Pinpoint automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

Required: No

SharedRoutesEnabled

Indicates whether shared routes are enabled for the pool.

Type: Boolean

Required: No

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `\S+`

Required: No

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

Required: No

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Required: No

Response Syntax

```
{
   "CreatedTimestamp": number,
   "DeletionProtectionEnabled": boolean,
   "MessageType": "string",
   "OptOutListName": "string",
   "PoolArn": "string",
   "PoolId": "string",
   "SelfManagedOptOutsEnabled": boolean,
   "SharedRoutesEnabled": boolean,
   "Status": "string",
   "TwoWayChannelArn": "string",
   "TwoWayChannelRole": "string",
   "TwoWayEnabled": 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.

CreatedTimestamp

The time when the pool was created, in UNIX epoch time format.

Type: Timestamp

DeletionProtectionEnabled

When set to true the pool can't be deleted.

Type: Boolean

MessageType

The type of message for the pool to use.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

OptOutListName

The name of the OptOutList associated with the pool.

Type: String

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

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

PoolArn

The ARN of the pool.

Type: String

PoolId

The unique identifier of the pool.

Type: String

SelfManagedOptOutsEnabled

When an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, Amazon Pinpoint automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests.

Type: Boolean

SharedRoutesEnabled

Indicates whether shared routes are enabled for the pool.

Type: Boolean

Status

The current status of the pool update request.

Type: String

Valid Values: `CREATING | ACTIVE | DELETING`

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `\S+`

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients.

Type: Boolean

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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

- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

UpdateSenderId

Updates the configuration of an existing sender ID.

Request Syntax

```
{
   "DeletionProtectionEnabled": boolean,
   "IsoCountryCode": "string",
   "SenderId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

DeletionProtectionEnabled

By default this is set to false. When set to true the sender ID can't be deleted.

Type: Boolean

Required: No

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

SenderId

The sender ID to update.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "DeletionProtectionEnabled": boolean,
   "IsoCountryCode": "string",
   "MessageTypes": [ "string" ],
   "MonthlyLeasingPrice": "string",
   "Registered": boolean,
   "RegistrationId": "string",
   "SenderId": "string",
   "SenderIdArn": "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.

DeletionProtectionEnabled

By default this is set to false. When set to true the sender ID can't be deleted.

Type: Boolean

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

MessageTypes

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

MonthlyLeasingPrice

The monthly price, in US dollars, to lease the sender ID.

Type: String

Registered

True if the sender ID is registered..

Type: Boolean

RegistrationId

The unique identifier for the registration.

Type: String

SenderId

The sender ID that was updated.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

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

SenderIdArn

The Amazon Resource Name (ARN) associated with the SenderId.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

VerifyDestinationNumber

Use the verification code that was received by the verified destination phone number to opt-in the verified destination phone number to receive more messages.

Request Syntax

```
{
   "VerificationCode": "string",
   "VerifiedDestinationNumberId": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see Common Parameters.

The request accepts the following data in JSON format.

VerificationCode

The verification code that was received by the verified destination phone number.

Type: String

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

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

Required: Yes

VerifiedDestinationNumberId

The unique identifier for the verififed destination phone number.

Type: String

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

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

Required: Yes

Response Syntax

```
{
   "CreatedTimestamp": number,
   "DestinationPhoneNumber": "string",
   "Status": "string",
   "VerifiedDestinationNumberArn": "string",
   "VerifiedDestinationNumberId": "string"
}
```

Response Elements

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

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

CreatedTimestamp

The time when the destination phone number was created, in UNIX epoch time format.

Type: Timestamp

DestinationPhoneNumber

The phone number in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Status

The status for being able to send messages to the phone number.

Type: String

Valid Values: `PENDING | VERIFIED`

VerifiedDestinationNumberArn

The Amazon Resource Name (ARN) for the verified destination phone number.

Type: String

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

Type: String

Errors

For information about the errors that are common to all actions, see Common Errors.

AccessDeniedException

The request was denied because you don't have sufficient permissions to access the resource.

HTTP Status Code: 400

ConflictException

Your request has conflicting operations. This can occur if you're trying to perform more than one operation on the same resource at the same time or it could be that the requested action isn't valid for the current state or configuration of the resource.

HTTP Status Code: 400

InternalServerException

The API encountered an unexpected error and couldn't complete the request. You might be able to successfully issue the request again in the future.

HTTP Status Code: 500

ResourceNotFoundException

A requested resource couldn't be found.

HTTP Status Code: 400

ThrottlingException

An error that occurred because too many requests were sent during a certain amount of time.

HTTP Status Code: 400

ValidationException

A validation exception for a field.

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
- AWS SDK for .NET
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for PHP V3
- AWS SDK for Python
- AWS SDK for Ruby V3

Data Types

The Amazon Pinpoint SMS Voice V2 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:

- AccountAttribute
- AccountLimit
- CloudWatchLogsDestination
- ConfigurationSetFilter
- ConfigurationSetInformation
- EventDestination
- KeywordFilter
- KeywordInformation
- KinesisFirehoseDestination
- OptedOutFilter
- OptedOutNumberInformation
- OptOutListInformation
- OriginationIdentityMetadata
- PhoneNumberFilter
- PhoneNumberInformation
- PoolFilter
- PoolInformation
- PoolOriginationIdentitiesFilter
- RegistrationAssociationFilter
- RegistrationAssociationMetadata

- RegistrationAttachmentFilter
- RegistrationAttachmentsInformation
- RegistrationDeniedReasonInformation
- RegistrationFieldDefinition
- RegistrationFieldDisplayHints
- RegistrationFieldValueInformation
- RegistrationFilter
- RegistrationInformation
- RegistrationSectionDefinition
- RegistrationSectionDisplayHints
- RegistrationTypeDefinition
- RegistrationTypeDisplayHints
- RegistrationTypeFilter
- RegistrationVersionFilter
- RegistrationVersionInformation
- RegistrationVersionStatusHistory
- SelectOptionDescription
- SelectValidation
- SenderIdAndCountry
- SenderIdFilter
- SenderIdInformation
- SnsDestination
- SpendLimit
- SupportedAssociation
- Tag
- TextValidation
- ValidationExceptionField
- VerifiedDestinationNumberFilter
- VerifiedDestinationNumberInformation

AccountAttribute

Displays the attributes associated with a single AWS account.

Contents

Name

The name of the account attribute.

Type: String

Valid Values: `ACCOUNT_TIER`

Required: Yes

Value

The value associated with the account attribute name.

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

AccountLimit

The current resource quotas associated with an AWS account.

Contents

Max

The AWS set limit for that resource type, in US dollars.

Type: Long

Required: Yes

Name

The name of the attribute to apply the account limit to.

Type: String

Valid Values: `PHONE_NUMBERS | POOLS | CONFIGURATION_SETS | OPT_OUT_LISTS | SENDER_IDS | REGISTRATIONS | REGISTRATION_ATTACHMENTS | VERIFIED_DESTINATION_NUMBERS`

Required: Yes

Used

The current amount that has been spent, in US dollars.

Type: Long

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

CloudWatchLogsDestination

Contains the destination configuration to use when publishing message sending events.

Contents

IamRoleArn

The Amazon Resource Name (ARN) of an AWS Identity and Access Management role that is able to write event data to an Amazon CloudWatch destination.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

Required: Yes

LogGroupArn

The name of the Amazon CloudWatch log group that you want to record events in.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\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

ConfigurationSetFilter

The information for configuration sets that meet a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `event-destination-name | matching-event-types | default-message-type | default-sender-id`

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

ConfigurationSetInformation

Information related to a given configuration set in your AWS account.

Contents

ConfigurationSetArn

The Resource Name (ARN) of the ConfigurationSet.

Type: String

Required: Yes

ConfigurationSetName

The name of the ConfigurationSet.

Type: String

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

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

Required: Yes

CreatedTimestamp

The time when the ConfigurationSet was created, in UNIX epoch time format.

Type: Timestamp

Required: Yes

EventDestinations

An array of EventDestination objects that describe any events to log and where to log them.

Type: Array of EventDestination objects

Required: Yes

DefaultMessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Required: No

DefaultSenderId

The default sender ID used by the ConfigurationSet.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

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

EventDestination

Contains information about an event destination.

Event destinations are associated with configuration sets, which enable you to publish message sending events to CloudWatch, Firehose, or Amazon SNS.

Contents

Enabled

When set to true events will be logged.

Type: Boolean

Required: Yes

EventDestinationName

The name of the EventDestination.

Type: String

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

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

Required: Yes

MatchingEventTypes

An array of event types that determine which events to log.

> **Note**
>
> The TEXT_SENT event type is not supported.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 25 items.

Valid Values: `ALL | TEXT_ALL | TEXT_SENT | TEXT_PENDING | TEXT_QUEUED | TEXT_SUCCESSFUL | TEXT_DELIVERED | TEXT_INVALID | TEXT_INVALID_MESSAGE`

```
| TEXT_UNREACHABLE | TEXT_CARRIER_UNREACHABLE | TEXT_BLOCKED |
TEXT_CARRIER_BLOCKED | TEXT_SPAM | TEXT_UNKNOWN | TEXT_TTL_EXPIRED
| VOICE_ALL | VOICE_INITIATED | VOICE_RINGING | VOICE_ANSWERED |
VOICE_COMPLETED | VOICE_BUSY | VOICE_NO_ANSWER | VOICE_FAILED |
VOICE_TTL_EXPIRED
```

Required: Yes

CloudWatchLogsDestination

An object that contains information about an event destination that sends logging events to Amazon CloudWatch logs.

Type: CloudWatchLogsDestination object

Required: No

KinesisFirehoseDestination

An object that contains information about an event destination for logging to Amazon Data Firehose.

Type: KinesisFirehoseDestination object

Required: No

SnsDestination

An object that contains information about an event destination that sends logging events to Amazon SNS.

Type: SnsDestination object

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

KeywordFilter

The information for keywords that meet a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `keyword-action`

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

KeywordInformation

The information for all keywords in a pool.

Contents

Keyword

The keyword as a string.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 30.

Pattern: `[ \S]+`

Required: Yes

KeywordAction

The action to perform for the keyword.

Type: String

Valid Values: `AUTOMATIC_RESPONSE | OPT_OUT | OPT_IN`

Required: Yes

KeywordMessage

A custom message that can be used with the keyword.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1600.

Pattern: `(?!\s*$)[\s\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

KinesisFirehoseDestination

Contains the delivery stream Amazon Resource Name (ARN), and the ARN of the AWS Identity and Access Management (IAM) role associated with a Firehose event destination.

Event destinations, such as Firehose, are associated with configuration sets, which enable you to publish message sending events.

Contents

DeliveryStreamArn

The Amazon Resource Name (ARN) of the delivery stream.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\S+`

Required: Yes

IamRoleArn

The ARN of an AWS Identity and Access Management role that is able to write event data to an Amazon Data Firehose destination.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\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

OptedOutFilter

The information for opted out numbers that meet a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `end-user-opted-out`

Required: Yes

Values

An array of values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

OptedOutNumberInformation

The information for an opted out number in an AWS account.

Contents

EndUserOptedOut

This is set to true if it was the end recipient that opted out.

Type: Boolean

Required: Yes

OptedOutNumber

The phone number that is opted out.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: Yes

OptedOutTimestamp

The time that the op tout occurred, in UNIX epoch time format.

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

OptOutListInformation

The information for all OptOutList in an AWS account.

Contents

CreatedTimestamp

The time when the OutOutList was created, in UNIX epoch time format.

Type: Timestamp

Required: Yes

OptOutListArn

The Amazon Resource Name (ARN) of the OptOutList.

Type: String

Required: Yes

OptOutListName

The name of the OptOutList.

Type: String

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

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

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

OriginationIdentityMetadata

The metadata for an origination identity associated with a pool.

Contents

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

NumberCapabilities

Describes if the origination identity can be used for text messages, voice calls or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `SMS | VOICE`

Required: Yes

OriginationIdentity

The unique identifier of the origination identity.

Type: String

Required: Yes

OriginationIdentityArn

The Amazon Resource Name (ARN) associated with the origination identity.

Type: String

Required: Yes

PhoneNumber

The phone number in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

PhoneNumberFilter

The information for a phone number that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `status | iso-country-code | message-type | number-capability | number-type | two-way-enabled | self-managed-opt-outs-enabled | opt-out-list-name | deletion-protection-enabled | two-way-channel-arn`

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

PhoneNumberInformation

The information for a phone number, in E.164 format, in an AWS account.

Contents

CreatedTimestamp

The time when the phone number was created, in UNIX epoch time format.

Type: Timestamp

Required: Yes

DeletionProtectionEnabled

When set to true the phone number can't be deleted.

Type: Boolean

Required: Yes

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Required: Yes

MonthlyLeasingPrice

The price, in US dollars, to lease the phone number.

Type: String

Required: Yes

NumberCapabilities

Describes if the origination identity can be used for text messages, voice calls or both.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 2 items.

Valid Values: `SMS | VOICE`

Required: Yes

NumberType

The type of phone number.

Type: String

Valid Values: `SHORT_CODE | LONG_CODE | TOLL_FREE | TEN_DLC | SIMULATOR`

Required: Yes

OptOutListName

The name of the OptOutList associated with the phone number.

Type: String

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

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

Required: Yes

PhoneNumber

The phone number in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: Yes

PhoneNumberArn

The Amazon Resource Name (ARN) associated with the phone number.

Type: String

Required: Yes

SelfManagedOptOutsEnabled

When set to false an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, Amazon Pinpoint automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out request. For more information see Self-managed opt-outs

Type: Boolean

Required: Yes

Status

The current status of the phone number.

Type: String

Valid Values: `PENDING | ACTIVE | ASSOCIATING | DISASSOCIATING | DELETED`

Required: Yes

TwoWayEnabled

By default this is set to false. When set to true you can receive incoming text messages from your end recipients using the TwoWayChannelArn.

Type: Boolean

Required: Yes

PhoneNumberId

The unique identifier for the phone number.

Type: String

Required: No

PoolId

The unique identifier of the pool associated with the phone number.

Type: String

Required: No

RegistrationId

The unique identifier for the registration.

Type: String

Required: No

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: \S+

Required: No

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:`\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

PoolFilter

The information for a pool that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `status | message-type | two-way-enabled | self-managed-opt-outs-enabled | opt-out-list-name | shared-routes-enabled | deletion-protection-enabled | two-way-channel-arn`

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

PoolInformation

The information for a pool in an AWS account.

Contents

CreatedTimestamp

The time when the pool was created, in UNIX epoch time format.

Type: Timestamp

Required: Yes

DeletionProtectionEnabled

When set to true the pool can't be deleted.

Type: Boolean

Required: Yes

MessageType

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: String

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Required: Yes

OptOutListName

The name of the OptOutList associated with the pool.

Type: String

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

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

Required: Yes

PoolArn

The Amazon Resource Name (ARN) for the pool.

Type: String

Required: Yes

PoolId

The unique identifier for the pool.

Type: String

Required: Yes

SelfManagedOptOutsEnabled

When set to false, an end recipient sends a message that begins with HELP or STOP to one of your dedicated numbers, Amazon Pinpoint automatically replies with a customizable message and adds the end recipient to the OptOutList. When set to true you're responsible for responding to HELP and STOP requests. You're also responsible for tracking and honoring opt-out requests. For more information see Self-managed opt-outs

Type: Boolean

Required: Yes

SharedRoutesEnabled

Allows you to enable shared routes on your pool.

By default, this is set to `False`. If you set this value to `True`, your messages are sent using phone numbers or sender IDs (depending on the country) that are shared with other Amazon Pinpoint users. In some countries, such as the United States, senders aren't allowed to use shared routes and must use a dedicated phone number or short code.

Type: Boolean

Required: Yes

Status

The current status of the pool.

Type: String

Valid Values: `CREATING | ACTIVE | DELETING`

Required: Yes

TwoWayEnabled

When set to true you can receive incoming text messages from your end recipients using the TwoWayChannelArn.

Type: Boolean

Required: Yes

TwoWayChannelArn

The Amazon Resource Name (ARN) of the two way channel.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `\S+`

Required: No

TwoWayChannelRole

An optional IAM Role Arn for a service to assume, to be able to post inbound SMS messages.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\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

PoolOriginationIdentitiesFilter

Information about origination identities associated with a pool that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `iso-country-code | number-capability`

Required: Yes

Values

An array values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

RegistrationAssociationFilter

The filter definition for filtering registrations that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `resource-type | iso-country-code`

Required: Yes

Values

An array of values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

RegistrationAssociationMetadata

Metadata for the origination identity that is associated with the registration.

Contents

ResourceArn

The Amazon Resource Name (ARN) of the origination identity that is associated with the registration.

Type: String

Required: Yes

ResourceId

The unique identifier for the origination identity. For example this could be a **PhoneNumberId** or **SenderId**.

Type: String

Required: Yes

ResourceType

The origination identity type.

Type: String

Required: Yes

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: No

PhoneNumber

The phone number associated with the registration in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RegistrationAttachmentFilter

The filter definition for filtering registration attachments that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `attachment-status`

Required: Yes

Values

An array of values to filter on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

RegistrationAttachmentsInformation

Provides information on the specified registration attachments.

Contents

AttachmentStatus

The status of the registration attachment.

- UPLOAD_IN_PROGRESS The attachment is being uploaded.
- UPLOAD_COMPLETE The attachment has been uploaded.
- UPLOAD_FAILED The attachment failed to uploaded.
- DELETED The attachment has been deleted..

Type: String

Valid Values: UPLOAD_IN_PROGRESS | UPLOAD_COMPLETE | UPLOAD_FAILED | DELETED

Required: Yes

CreatedTimestamp

The time when the registration attachment was created, in UNIX epoch time format.

Type: Timestamp

Required: Yes

RegistrationAttachmentArn

The Amazon Resource Name (ARN) for the registration attachment.

Type: String

Required: Yes

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

Required: Yes

AttachmentUploadErrorReason

A description of why the upload didn't successfully complete.

Type: String

Valid Values: `INTERNAL_ERROR`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RegistrationDeniedReasonInformation

Provides the reason a registration was rejected.

Contents

Reason

The reason a registration was rejected.

Type: String

Required: Yes

ShortDescription

A short description of the rejection reason.

Type: String

Required: Yes

DocumentationLink

The link to the document.

Type: String

Required: No

DocumentationTitle

The title of the document.

Type: String

Required: No

LongDescription

A long description of the rejection reason.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RegistrationFieldDefinition

Provides a description of the specified field.

Contents

DisplayHints

An array of RegistrationFieldDisplayHints objects for the field.

Type: RegistrationFieldDisplayHints object

Required: Yes

FieldPath

The path to the registration form field. You can use DescribeRegistrationFieldDefinitions for a list of **FieldPaths**.

Type: String

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

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

Required: Yes

FieldRequirement

Specifies if the field for the registration form is required, conditional or optional.

Type: String

Valid Values: `REQUIRED | CONDITIONAL | OPTIONAL`

Required: Yes

FieldType

The type of field.

Type: String

Valid Values: `SELECT | TEXT | ATTACHMENT`

Required: Yes

SectionPath

The section path of the field.

Type: String

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

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

Required: Yes

SelectValidation

The validation rules for a select field.

Type: SelectValidation object

Required: No

TextValidation

The validation rules for a text field.

Type: TextValidation 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

RegistrationFieldDisplayHints

Provides help information on the registration field.

Contents

ShortDescription

A short description of the display hint.

Type: String

Required: Yes

Title

The title of the display hint.

Type: String

Required: Yes

DocumentationLink

The link to the document the display hint is associated with.

Type: String

Required: No

DocumentationTitle

The title of the document the display hint is associated with.

Type: String

Required: No

ExampleTextValue

Example text of what the value of a field should contain.

Type: String

Required: No

LongDescription

A full description of the display hint.

Type: String

Required: No

SelectOptionDescriptions

An array of SelectOptionDescription objects.

Type: Array of SelectOptionDescription objects

Required: No

TextValidationDescription

The validation rules for the text field.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RegistrationFieldValueInformation

Provides the values of the specified field.

Contents

FieldPath

The path to the registration form field. You can use DescribeRegistrationFieldDefinitions for a list of **FieldPaths**.

Type: String

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

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

Required: Yes

DeniedReason

A description of why the registration was denied.

Type: String

Required: No

RegistrationAttachmentId

The unique identifier for the registration attachment.

Type: String

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

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

Required: No

SelectChoices

An array of values for the form field.

Type: Array of strings

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

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

Required: No

TextValue

The text data for a free form field.

Type: String

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RegistrationFilter

The filter definition for filtering registrations that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `registration-type | registration-status`

Required: Yes

Values

An array of values to filter on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

RegistrationInformation

Provides information about the requested registration.

Contents

CreatedTimestamp

The time when the registration was created, in UNIX epoch time format.

Type: Timestamp

Required: Yes

CurrentVersionNumber

The current version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: Yes

RegistrationArn

The Amazon Resource Name (ARN) for the registration.

Type: String

Required: Yes

RegistrationId

The unique identifier for the registration.

Type: String

Required: Yes

RegistrationStatus

The status of the registration.

- `CREATED`: Your registration is created but not submitted.
- `SUBMITTED`: Your registration has been submitted and is awaiting review.

- REVIEWING: Your registration has been accepted and is being reviewed.
- PROVISIONING: Your registration has been approved and your origination identity is being created.
- COMPLETE: Your registration has been approved and and your origination identity has been created.
- REQUIRES_UPDATES: You must fix your registration and resubmit it.
- CLOSED: The phone number or sender ID has been deleted and you must also delete the registration for the number.
- DELETED: The registration has been deleted.

Type: String

Valid Values: CREATED | SUBMITTED | REVIEWING | PROVISIONING | COMPLETE | REQUIRES_UPDATES | CLOSED | DELETED

Required: Yes

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

Type: String

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

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

Required: Yes

AdditionalAttributes

Metadata about a given registration which is specific to that registration type.

Type: String to string map

Required: No

ApprovedVersionNumber

The version number of the registration that was approved.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: No

LatestDeniedVersionNumber

The latest version number of the registration that was denied.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RegistrationSectionDefinition

Provides information on the specified section definition.

Contents

DisplayHints

The path to the section of the registration.

Type: RegistrationSectionDisplayHints object

Required: Yes

SectionPath

The path to the section of the registration.

Type: String

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

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

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

RegistrationSectionDisplayHints

Provides help information on the registration section.

Contents

ShortDescription

A short description of the display hint.

Type: String

Required: Yes

Title

The title of the display hint.

Type: String

Required: Yes

DocumentationLink

The link to the document the display hint is associated with.

Type: String

Required: No

DocumentationTitle

The title of the document the display hint is associated with.

Type: String

Required: No

LongDescription

A full description of the display hint.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RegistrationTypeDefinition

Provides information on the supported registration type.

Contents

DisplayHints

Provides help information on the registration.

Type: RegistrationTypeDisplayHints object

Required: Yes

RegistrationType

The type of registration form. The list of **RegistrationTypes** can be found using the DescribeRegistrationTypeDefinitions action.

Type: String

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

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

Required: Yes

SupportedAssociations

The supported association behavior for the registration type.

Type: Array of SupportedAssociation objects

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

RegistrationTypeDisplayHints

Provides help information on the registration type.

Contents

Title

The title of the display hint.

Type: String

Required: Yes

DocumentationLink

The link to the document the display hint is associated with.

Type: String

Required: No

DocumentationTitle

The title of the document the display hint is associated with.

Type: String

Required: No

LongDescription

A full description of the display hint.

Type: String

Required: No

ShortDescription

A short description of the display hint.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RegistrationTypeFilter

The filter definition for filtering registration types that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `supported-association-resource-type | supported-association-iso-country-code`

Required: Yes

Values

An array of values to filter on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

RegistrationVersionFilter

The filter definition for filtering registration versions that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `registration-version-status`

Required: Yes

Values

An array of values to filter on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

RegistrationVersionInformation

Provides information about the specified version of the registration.

Contents

RegistrationVersionStatus

The status of the registration.

- DRAFT: The initial status of a registration version after it's created.
- SUBMITTED: Your registration has been submitted.
- REVIEWING: Your registration has been accepted and is being reviewed.
- APPROVED: Your registration has been approved.
- DISCARDED: You've abandon this version of their registration to start over with a new version.
- DENIED: You must fix your registration and resubmit it.
- REVOKED: Your previously approved registration has been revoked.
- ARCHIVED: Your previously approved registration version moves into this status when a more recently submitted version is approved.

Type: String

Valid Values: `DRAFT | SUBMITTED | REVIEWING | APPROVED | DISCARDED | DENIED | REVOKED | ARCHIVED`

Required: Yes

RegistrationVersionStatusHistory

The **RegistrationVersionStatusHistory** object contains the time stamps for when the reservations status changes.

Type: RegistrationVersionStatusHistory object

Required: Yes

VersionNumber

The version number of the registration.

Type: Long

Valid Range: Minimum value of 1. Maximum value of 100000.

Required: Yes

DeniedReasons

An array of RegistrationDeniedReasonInformation objects.

Type: Array of RegistrationDeniedReasonInformation objects

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

RegistrationVersionStatusHistory

The **RegistrationVersionStatusHistory** object contains the time stamps for when the reservations status changes.

Contents

DraftTimestamp

The time when the registration was in the draft state, in UNIX epoch time format.

Type: Timestamp

Required: Yes

ApprovedTimestamp

The time when the registration was in the approved state, in UNIX epoch time format.

Type: Timestamp

Required: No

ArchivedTimestamp

The time when the registration was in the archived state, in UNIX epoch time format.

Type: Timestamp

Required: No

DeniedTimestamp

The time when the registration was in the denied state, in UNIX epoch time format.

Type: Timestamp

Required: No

DiscardedTimestamp

The time when the registration was in the discarded state, in UNIX epoch time format.

Type: Timestamp

Required: No

ReviewingTimestamp

The time when the registration was in the reviewing state, in UNIX epoch time format.

Type: Timestamp

Required: No

RevokedTimestamp

The time when the registration was in the revoked state, in UNIX epoch time format.

Type: Timestamp

Required: No

SubmittedTimestamp

The time when the registration was in the submitted state, in UNIX epoch time format.

Type: Timestamp

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SelectOptionDescription

A description of each select option.

Contents

Option

The value of the option.

Type: String

Required: Yes

Description

A description of the option meaning.

Type: String

Required: No

Title

The title of the select option.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SelectValidation

Validation rules for a select field.

Contents

MaxChoices

The maximum number of choices for the select.

Type: Integer

Required: Yes

MinChoices

The minimum number of choices for the select.

Type: Integer

Required: Yes

Options

An array of strings for the possible selection options.

Type: Array of strings

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

SenderIdAndCountry

The alphanumeric sender ID in a specific country that you want to describe. For more information on sender IDs see Requesting sender IDs for SMS messaging with Amazon Pinpoint in the *Amazon Pinpoint User Guide*.

Contents

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

SenderId

The unique identifier of the sender.

Type: String

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

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

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

SenderIdFilter

The information for a sender ID that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `sender-id | iso-country-code | message-type | deletion-protection-enabled | registered`

Required: Yes

Values

An array of values to filter for.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

SenderIdInformation

The information for all SenderIds in an AWS account.

Contents

DeletionProtectionEnabled

By default this is set to false. When set to true the sender ID can't be deleted.

Type: Boolean

Required: Yes

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: Yes

MessageTypes

The type of message. Valid values are TRANSACTIONAL for messages that are critical or time-sensitive and PROMOTIONAL for messages that aren't critical or time-sensitive.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Valid Values: `TRANSACTIONAL | PROMOTIONAL`

Required: Yes

MonthlyLeasingPrice

The monthly leasing price, in US dollars.

Type: String

Required: Yes

Registered

True if the sender ID is registered.

Type: Boolean

Required: Yes

SenderId

The alphanumeric sender ID in a specific country that you'd like to describe.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 11.

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

Required: Yes

SenderIdArn

The Amazon Resource Name (ARN) associated with the SenderId.

Type: String

Required: Yes

RegistrationId

The unique identifier for the registration.

Type: String

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2

- AWS SDK for Ruby V3

SnsDestination

An object that defines an Amazon SNS destination for events. You can use Amazon SNS to send notification when certain events occur.

Contents

TopicArn

The Amazon Resource Name (ARN) of the Amazon SNS topic that you want to publish events to.

Type: String

Length Constraints: Minimum length of 20. Maximum length of 2048.

Pattern: `arn:\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

SpendLimit

Describes the current Amazon Pinpoint monthly spend limits for sending voice and text messages. For more information on increasing your monthly spend limit, see Requesting increases to your monthly SMS spending quota for Amazon Pinpoint in the *Amazon Pinpoint User Guide*.

Contents

EnforcedLimit

The maximum amount of money, in US dollars, that you want to be able to spend sending messages each month. This value has to be less than or equal to the amount in `MaxLimit`. To use this custom limit, `Overridden` must be set to true.

Type: Long

Required: Yes

MaxLimit

The maximum amount of money that you are able to spend to send messages each month, in US dollars.

Type: Long

Required: Yes

Name

The name for the SpendLimit.

Type: String

Valid Values: `TEXT_MESSAGE_MONTHLY_SPEND_LIMIT | VOICE_MESSAGE_MONTHLY_SPEND_LIMIT`

Required: Yes

Overridden

When set to `True`, the value that has been specified in the `EnforcedLimit` is used to determine the maximum amount in US dollars that can be spent to send messages each month, in US dollars.

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

SupportedAssociation

The processing rules for when a registration can be associated with an origination identity and disassociated from an origination identity.

Contents

AssociationBehavior

The association behavior.

- ASSOCIATE_BEFORE_SUBMIT The origination identity has to be supplied when creating a registration.
- ASSOCIATE_ON_APPROVAL This applies to all short code registrations. The short code will be automatically provisioned once the registration is approved.
- ASSOCIATE_AFTER_COMPLETE This applies to phone number registrations when you must complete a registration first, then associate one or more phone numbers later. For example 10DLC campaigns and long codes.

Type: String

Valid Values: ASSOCIATE_BEFORE_SUBMIT | ASSOCIATE_ON_APPROVAL | ASSOCIATE_AFTER_COMPLETE

Required: Yes

DisassociationBehavior

The disassociation behavior.

- DISASSOCIATE_ALL_CLOSES_REGISTRATION All origination identities must be disassociated from the registration before the registration can be closed.
- DISASSOCIATE_ALL_ALLOWS_DELETE_REGISTRATION All origination identities must be disassociated from the registration before the registration can be deleted.
- DELETE_REGISTRATION_DISASSOCIATES The registration can be deleted and all origination identities will be disasscoiated.

Type: String

Valid Values: DISASSOCIATE_ALL_CLOSES_REGISTRATION | DISASSOCIATE_ALL_ALLOWS_DELETE_REGISTRATION | DELETE_REGISTRATION_DISASSOCIATES

Required: Yes

ResourceType

Defines the behavior of when an origination identity and registration can be associated with each other.

Type: String

Required: Yes

IsoCountryCode

The two-character code, in ISO 3166-1 alpha-2 format, for the country or region.

Type: String

Length Constraints: Fixed length of 2.

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

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

Tag

The list of tags to be added to the specified topic.

Contents

Key

The key identifier, or name, of the tag.

Type: String

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

Pattern: `.+`

Required: Yes

Value

The string value associated with the key 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

TextValidation

Validation rules for a text field.

Contents

MaxLength

The maximum number of characters for the text field.

Type: Integer

Required: Yes

MinLength

The minimum number of characters for the text field.

Type: Integer

Required: Yes

Pattern

The regular expression used to validate the text field.

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

ValidationExceptionField

The field associated with the validation exception.

Contents

Message

The message associated with the validation exception with information to help determine its cause.

Type: String

Required: Yes

Name

The name of the field.

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

VerifiedDestinationNumberFilter

The filter definition for filtering verified destination phone numbers that meets a specified criteria.

Contents

Name

The name of the attribute to filter on.

Type: String

Valid Values: `status`

Required: Yes

Values

An array of values to filter on.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 20 items.

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

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

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

VerifiedDestinationNumberInformation

Provides information about the requested verified destintion phone number.

Contents

CreatedTimestamp

The time when the destination phone number was created, in UNIX epoch time format.

Type: Timestamp

Required: Yes

DestinationPhoneNumber

The verified destination phone number, in E.164 format.

Type: String

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

Pattern: `\+?[1-9][0-9]{1,18}`

Required: Yes

Status

The status of the verified destination phone number.

- `PENDING`: The phone number hasn't been verified yet.
- `VERIFIED`: The phone number is verified and can receive messages.

Type: String

Valid Values: `PENDING | VERIFIED`

Required: Yes

VerifiedDestinationNumberArn

The Amazon Resource Name (ARN) for the verified destination phone number.

Type: String

Required: Yes

VerifiedDestinationNumberId

The unique identifier for the verified destination phone number.

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

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*.

Action

The action to be performed.

Type: string

Required: Yes

Version

The API version that the request is written for, expressed in the format YYYY-MM-DD.

Type: string

Required: Yes

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 Errors

This section lists the errors common to the API actions of all AWS services. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 400

IncompleteSignature

The request signature does not conform to AWS standards.

HTTP Status Code: 400

InternalFailure

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

InvalidAction

The action or operation requested is invalid. Verify that the action is typed correctly.

HTTP Status Code: 400

InvalidClientTokenId

The X.509 certificate or AWS access key ID provided does not exist in our records.

HTTP Status Code: 403

NotAuthorized

You do not have permission to perform this action.

HTTP Status Code: 400

OptInRequired

The AWS access key ID needs a subscription for the service.

HTTP Status Code: 403

RequestExpired

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 400

ServiceUnavailable

The request has failed due to a temporary failure of the server.

HTTP Status Code: 503

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

ValidationError

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400