API Reference

AWS Signer



API Version 2017-08-25

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AWS Signer: API Reference

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Welcome

AWS Signer is a fully managed code-signing service to help you ensure the trust and integrity of your code.

Signer supports the following applications:

With code signing for AWS Lambda, you can sign AWS Lambda deployment packages. Integrated support is provided for Amazon Simple Storage Service, Amazon CloudWatch, and AWS CloudTrail. In order to sign code, you create a signing profile and then use Signer to sign Lambda zip files in S3.

With code signing for IoT, you can sign code for any IoT device that is supported by AWS. IoT code signing is available for Amazon FreeRTOS and AWS IoT Device Management, and is integrated with AWS Certificate Manager (ACM). In order to sign code, you import a third-party code-signing certificate using ACM, and use that to sign updates in Amazon FreeRTOS and AWS IoT Device Management.

With Signer and the Notation CLI from the Notary Project, you can sign container images stored in a container registry such as Amazon Elastic Container Registry (ECR). The signatures are stored in the registry alongside the images, where they are available for verifying image authenticity and integrity.

For more information about Signer, see the AWS Signer Developer Guide.

This document was last published on November 2, 2026.

Actions

The following actions are supported:

- AddProfilePermission
- CancelSigningProfile
- DescribeSigningJob
- GetRevocationStatus
- GetSigningPlatform
- GetSigningProfile
- ListProfilePermissions
- ListSigningJobs
- ListSigningPlatforms
- ListSigningProfiles
- ListTagsForResource
- PutSigningProfile
- RemoveProfilePermission
- RevokeSignature
- RevokeSigningProfile
- SignPayload
- StartSigningJob
- TagResource
- UntagResource

AddProfilePermission

Adds cross-account permissions to a signing profile.

Request Syntax

```
POST /signing-profiles/profileName/permissions HTTP/1.1
Content-type: application/json

{
   "action": "string",
   "principal": "string",
   "profileVersion": "string",
   "revisionId": "string",
   "statementId": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

profileName

The human-readable name of the signing profile.

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

Pattern: `^[a-zA-Z0-9_]{2,}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

action

For cross-account signing. Grant a designated account permission to perform one or more of the following actions. Each action is associated with a specific API's operations. For more information about cross-account signing, see Using cross-account signing with signing profiles in the *AWS Signer Developer Guide*.

You can designate the following actions to an account.

- `signer:StartSigningJob`. This action isn't supported for container image workflows. For details, see StartSigningJob.
- `signer:SignPayload`. This action isn't supported for AWS Lambda workflows. For details, see SignPayload
- `signer:GetSigningProfile`. For details, see GetSigningProfile.
- `signer:RevokeSignature`. For details, see RevokeSignature.

Type: String

Required: Yes

principal

The AWS principal receiving cross-account permissions. This may be an IAM role or another AWS account ID.

Type: String

Required: Yes

profileVersion

The version of the signing profile.

Type: String

Length Constraints: Fixed length of 10.

Pattern: `^[a-zA-Z0-9]{10}$`

Required: No

revisionId

A unique identifier for the current profile revision.

Type: String

Required: No

statementId

A unique identifier for the cross-account permission statement.

Type: String

Required: Yes

Response Syntax

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

{
   "revisionId": "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.

revisionId

A unique identifier for the current profile revision.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The resource encountered a conflicting state.

HTTP Status Code: 409

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

ServiceLimitExceededException

The client is making a request that exceeds service limits.

HTTP Status Code: 402

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

CancelSigningProfile

Changes the state of an `ACTIVE` signing profile to `CANCELED`. A canceled profile is still viewable with the `ListSigningProfiles` operation, but it cannot perform new signing jobs. See Data Retention for more information on scheduled deletion of a canceled signing profile.

Request Syntax

```
DELETE /signing-profiles/profileName HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

profileName

The name of the signing profile to be canceled.

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

Pattern: `^[a-zA-Z0-9_]{2,}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

See Also

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

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

- AWS SDK for Ruby V3

DescribeSigningJob

Returns information about a specific code signing job. You specify the job by using the `jobId` value that is returned by the StartSigningJob operation.

Request Syntax

```
GET /signing-jobs/jobId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

jobId

The ID of the signing job on input.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "completedAt": number,
   "createdAt": number,
   "jobId": "string",
   "jobInvoker": "string",
   "jobOwner": "string",
   "overrides": {
      "signingConfiguration": {
         "encryptionAlgorithm": "string",
         "hashAlgorithm": "string"
      },
      "signingImageFormat": "string"
   },
```

```
   "platformDisplayName": "string",
   "platformId": "string",
   "profileName": "string",
   "profileVersion": "string",
   "requestedBy": "string",
   "revocationRecord": {
      "reason": "string",
      "revokedAt": number,
      "revokedBy": "string"
   },
   "signatureExpiresAt": number,
   "signedObject": {
      "s3": {
         "bucketName": "string",
         "key": "string"
      }
   },
   "signingMaterial": {
      "certificateArn": "string"
   },
   "signingParameters": {
      "string" : "string"
   },
   "source": {
      "s3": {
         "bucketName": "string",
         "key": "string",
         "version": "string"
      }
   },
   "status": "string",
   "statusReason": "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.

completedAt

Date and time that the signing job was completed.

Type: Timestamp

createdAt

Date and time that the signing job was created.

Type: Timestamp

jobId

The ID of the signing job on output.

Type: String

jobInvoker

The IAM entity that initiated the signing job.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^[0-9]{12}$`

jobOwner

The AWS account ID of the job owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^[0-9]{12}$`

overrides

A list of any overrides that were applied to the signing operation.

Type: SigningPlatformOverrides object

platformDisplayName

A human-readable name for the signing platform associated with the signing job.

Type: String

platformId

The microcontroller platform to which your signed code image will be distributed.

Type: String

profileName

The name of the profile that initiated the signing operation.

Type: String

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

Pattern: `^[a-zA-Z0-9_]{2,}`

profileVersion

The version of the signing profile used to initiate the signing job.

Type: String

Length Constraints: Fixed length of 10.

Pattern: `^[a-zA-Z0-9]{10}$`

requestedBy

The IAM principal that requested the signing job.

Type: String

revocationRecord

A revocation record if the signature generated by the signing job has been revoked. Contains a timestamp and the ID of the IAM entity that revoked the signature.

Type: SigningJobRevocationRecord object

signatureExpiresAt

Thr expiration timestamp for the signature generated by the signing job.

Type: Timestamp

signedObject

Name of the S3 bucket where the signed code image is saved by AWS Signer.

Type: SignedObject object

signingMaterial

The Amazon Resource Name (ARN) of your code signing certificate.

Type: SigningMaterial object

signingParameters

Map of user-assigned key-value pairs used during signing. These values contain any information that you specified for use in your signing job.

Type: String to string map

source

The object that contains the name of your S3 bucket or your raw code.

Type: Source object

status

Status of the signing job.

Type: String

Valid Values: `InProgress | Failed | Succeeded`

statusReason

String value that contains the status reason.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

Examples

Describe a signing job

This example illustrates one usage of DescribeSigningJob.

Sample Request

```
GET /Prod/signing-jobs/9052caa6-1d8d-43b5-9ead-0cb8621c8c74 HTTP/1.1
Host: signer.us-east-1.amazonaws.com
Accept-Encoding: identity
Authorization: AWS4-HMAC-SHA256 Credential=access_key/us-
east-1/signer/aws4_request, SignedHeaders=host;x-amz-date,
 Signature=93e24ab743082913abfb466a13b2f65a7f3eec9893aa2dcbdc91d160b3d7ff67
X-Amz-Date: 20171115T165923Z
User-Agent: aws-cli/1.11.132 Python/2.7.9 Windows/8 botocore/1.5.95
```

Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 631
Date: Wed, 15 Nov 2017 16:59:31 GMT
x-amzn-RequestId: 5946a79a-ca26-11e7-ae27-cda958f39b26
X-Amzn-Trace-Id: sampled=0;root=1-5a0c7273-fd33420b90425c1dc4b94bcc
X-Cache: Miss from cloudfront
Via: 1.1 ce270f4a88edde7438864bc44406e83a.cloudfront.net (CloudFront)
```

```
X-Amz-Cf-Id: hAkstXf07ycoa3HgI2MebhYgvyZ39K7zn2Z9mpqxsRlPjPphgaHZUQ==
Connection: Keep-alive

{
 "jobId": "9052caa6-1d8d-43b5-9ead-0cb8621c8c74",
 "source": {
  "s3": {
   "bucketName": "signer-test-source",
   "key": "my-example-code.java",
   "version": "W.OIrIFmjIFeuNXOaBJzPee66.wRg4GR"
  }
 },
 "signingMaterial": {
  "certificateArn":
 "arn:aws:acm:region:123456789012:certificate/9ec626ca-0bbb-4be5-83a2-ee563f8386ca"
 },
 "platform": "TexasInstruments",
 "signingParameters": null,
 "createdAt": 1510695622,
 "completedAt": 1510695623,
 "requestedBy": "arn:aws:iam::123456789012:root",
 "status": "Succeeded",
 "statusReason": "Signing success",
 "signedObject": {
  "s3": {
   "bucketName": "signer-test-dest",
   "key": "9052caa6-1d8d-43b5-9ead-0cb8621c8c74"
  }
 }
}
```

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2

- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

GetRevocationStatus

Retrieves the revocation status of one or more of the signing profile, signing job, and signing certificate.

Request Syntax

```
GET /revocations?
certificateHashes=certificateHashes&jobArn=jobArn&platformId=platformId&profileVersionArn=profi
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

certificateHashes

A list of composite signed hashes that identify certificates.

A certificate identifier consists of a subject certificate TBS hash (signed by the parent CA) combined with a parent CA TBS hash (signed by the parent CA's CA). Root certificates are defined as their own CA.

The following example shows how to calculate a hash for this parameter using OpenSSL commands:

```
openssl asn1parse -in childCert.pem -strparse 4 -out childCert.tbs
```

```
openssl sha384 < childCert.tbs -binary > childCertTbsHash
```

```
openssl asn1parse -in parentCert.pem -strparse 4 -out parentCert.tbs
```

```
openssl sha384 < parentCert.tbs -binary > parentCertTbsHash xxd -p
childCertTbsHash > certificateHash.hex xxd -p parentCertTbsHash >>
certificateHash.hex
```

```
cat certificateHash.hex | tr -d '\n'
```

Required: Yes

jobArn

The ARN of a signing job.

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

Required: Yes

platformId

The ID of a signing platform.

Required: Yes

profileVersionArn

The version of a signing profile.

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

Required: Yes

signatureTimestamp

The timestamp of the signature that validates the profile or job.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "revokedEntities": [ "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.

revokedEntities

A list of revoked entities (including zero or more of the signing profile ARN, signing job ARN, and certificate hashes) supplied as input to the API.

Type: Array of strings

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

See Also

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

- AWS Command Line Interface V2

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

GetSigningPlatform

Returns information on a specific signing platform.

Request Syntax

```
GET /signing-platforms/platformId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

platformId

The ID of the target signing platform.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "category": "string",
   "displayName": "string",
   "maxSizeInMB": number,
   "partner": "string",
   "platformId": "string",
   "revocationSupported": boolean,
   "signingConfiguration": {
      "encryptionAlgorithmOptions": {
         "allowedValues": [ "string" ],
         "defaultValue": "string"
      },
      "hashAlgorithmOptions": {
```

```
            "allowedValues": [ "string" ],
            "defaultValue": "string"
        }
    },
    "signingImageFormat": {
        "defaultFormat": "string",
        "supportedFormats": [ "string" ]
    },
    "target": "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.

category

The category type of the target signing platform.

Type: String

Valid Values: `AWSIoT`

displayName

The display name of the target signing platform.

Type: String

maxSizeInMB

The maximum size (in MB) of the payload that can be signed by the target platform.

Type: Integer

partner

A list of partner entities that use the target signing platform.

Type: String

platformId

The ID of the target signing platform.

Type: String

revocationSupported

A flag indicating whether signatures generated for the signing platform can be revoked.

Type: Boolean

signingConfiguration

A list of configurations applied to the target platform at signing.

Type: SigningConfiguration object

signingImageFormat

The format of the target platform's signing image.

Type: SigningImageFormat object

target

The validation template that is used by the target signing platform.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

See Also

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

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

GetSigningProfile

Returns information on a specific signing profile.

Request Syntax

```
GET /signing-profiles/profileName?profileOwner=profileOwner HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

profileName

The name of the target signing profile.

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

Pattern: `^[a-zA-Z0-9_]{2,}`

Required: Yes

profileOwner

The AWS account ID of the profile owner.

Length Constraints: Fixed length of 12.

Pattern: `^[0-9]{12}$`

Request Body

The request does not have a request body.

Response Syntax

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

{
   "arn": "string",
```

```
   "overrides": {
      "signingConfiguration": {
         "encryptionAlgorithm": "string",
         "hashAlgorithm": "string"
      },
      "signingImageFormat": "string"
   },
   "platformDisplayName": "string",
   "platformId": "string",
   "profileName": "string",
   "profileVersion": "string",
   "profileVersionArn": "string",
   "revocationRecord": {
      "revocationEffectiveFrom": number,
      "revokedAt": number,
      "revokedBy": "string"
   },
   "signatureValidityPeriod": {
      "type": "string",
      "value": number
   },
   "signingMaterial": {
      "certificateArn": "string"
   },
   "signingParameters": {
      "string" : "string"
   },
   "status": "string",
   "statusReason": "string",
   "tags": {
      "string" : "string"
   }
}
```

Response Elements

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

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

arn

The Amazon Resource Name (ARN) for the signing profile.

Type: String

overrides

A list of overrides applied by the target signing profile for signing operations.

Type: SigningPlatformOverrides object

platformDisplayName

A human-readable name for the signing platform associated with the signing profile.

Type: String

platformId

The ID of the platform that is used by the target signing profile.

Type: String

profileName

The name of the target signing profile.

Type: String

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

Pattern: `^[a-zA-Z0-9_]{2,}`

profileVersion

The current version of the signing profile.

Type: String

Length Constraints: Fixed length of 10.

Pattern: `^[a-zA-Z0-9]{10}$`

profileVersionArn

The signing profile ARN, including the profile version.

Type: String

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

revocationRecord

Revocation information for a signing profile.

Type: SigningProfileRevocationRecord object

signatureValidityPeriod

The validity period for a signing job.

Type: SignatureValidityPeriod object

signingMaterial

The ARN of the certificate that the target profile uses for signing operations.

Type: SigningMaterial object

signingParameters

A map of key-value pairs for signing operations that is attached to the target signing profile.

Type: String to string map

status

The status of the target signing profile.

Type: String

Valid Values: `Active | Canceled | Revoked`

statusReason

Reason for the status of the target signing profile.

Type: String

tags

A list of tags associated with the signing profile.

Type: String to string map

Map Entries: Maximum number of 200 items.

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

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

Value Length Constraints: Maximum length of 256.

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++

- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3
- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListProfilePermissions

Lists the cross-account permissions associated with a signing profile.

Request Syntax

```
GET /signing-profiles/profileName/permissions?nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

nextToken

String for specifying the next set of paginated results.

profileName

Name of the signing profile containing the cross-account permissions.

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

Pattern: `^[a-zA-Z0-9_]{2,}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "nextToken": "string",
   "permissions": [
      {
         "action": "string",
         "principal": "string",
```

```
            "profileVersion": "string",
            "statementId": "string"
        }
    ],
    "policySizeBytes": number,
    "revisionId": "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

String for specifying the next set of paginated results.

Type: String

permissions

List of permissions associated with the Signing Profile.

Type: Array of Permission objects

policySizeBytes

Total size of the policy associated with the Signing Profile in bytes.

Type: Integer

revisionId

The identifier for the current revision of profile permissions.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

See Also

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

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

- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

ListSigningJobs

Lists all your signing jobs. You can use the `maxResults` parameter to limit the number of signing jobs that are returned in the response. If additional jobs remain to be listed, AWS Signer returns a `nextToken` value. Use this value in subsequent calls to `ListSigningJobs` to fetch the remaining values. You can continue calling `ListSigningJobs` with your `maxResults` parameter and with new values that Signer returns in the `nextToken` parameter until all of your signing jobs have been returned.

Request Syntax

```
GET /signing-jobs?
isRevoked=isRevoked&jobInvoker=jobInvoker&maxResults=maxResults&nextToken=nextToken&platformId=
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

isRevoked

Filters results to return only signing jobs with revoked signatures.

jobInvoker

Filters results to return only signing jobs initiated by a specified IAM entity.

Length Constraints: Fixed length of 12.

Pattern: `^[0-9]{12}$`

maxResults

Specifies the maximum number of items to return in the response. Use this parameter when paginating results. If additional items exist beyond the number you specify, the `nextToken` element is set in the response. Use the `nextToken` value in a subsequent request to retrieve additional items.

Valid Range: Minimum value of 1. Maximum value of 25.

nextToken

String for specifying the next set of paginated results to return. After you receive a response with truncated results, use this parameter in a subsequent request. Set it to the value of `nextToken` from the response that you just received.

platformId

The ID of microcontroller platform that you specified for the distribution of your code image.

requestedBy

The IAM principal that requested the signing job.

signatureExpiresAfter

Filters results to return only signing jobs with signatures expiring after a specified timestamp.

signatureExpiresBefore

Filters results to return only signing jobs with signatures expiring before a specified timestamp.

status

A status value with which to filter your results.

Valid Values: `InProgress | Failed | Succeeded`

Request Body

The request does not have a request body.

Response Syntax

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

{
   "jobs": [
      {
         "createdAt": number,
         "isRevoked": boolean,
         "jobId": "string",
         "jobInvoker": "string",
         "jobOwner": "string",
```

```
            "platformDisplayName": "string",
            "platformId": "string",
            "profileName": "string",
            "profileVersion": "string",
            "signatureExpiresAt": number,
            "signedObject": {
               "s3": {
                  "bucketName": "string",
                  "key": "string"
               }
            },
            "signingMaterial": {
               "certificateArn": "string"
            },
            "source": {
               "s3": {
                  "bucketName": "string",
                  "key": "string",
                  "version": "string"
               }
            },
            "status": "string"
         }
      ],
      "nextToken": "string"
   }
```

Response Elements

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

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

jobs

A list of your signing jobs.

Type: Array of SigningJob objects

nextToken

String for specifying the next set of paginated results.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

Examples

Example

This example illustrates one usage of ListSigningJobs.

Sample Request

```
GET /Prod/signing-jobs?status=InProgress&platform=TexasInstruments&maxResults=10
 HTTP/1.1
Host: qvvi640b53.execute-api.us-east-1.amazonaws.com
Accept-Encoding: identity
Authorization: AWS4-HMAC-SHA256 Credential=access_key/20171115/
us-east-1/signer/aws4_request, SignedHeaders=host;x-amz-date,
 Signature=59e5f7ac6c2193c1eb163b0a8f3b2b3ec47fc5687631aa4d42bdcfacc14d626a
```

```
X-Amz-Date: 20171115T173358Z
User-Agent: aws-cli/1.11.132 Python/2.7.9 Windows/8 botocore/1.5.95
```

Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 1896
Date: Wed, 15 Nov 2017 17:34:06 GMT
x-amzn-RequestId: 2e5eaaf7-ca2b-11e7-bfa0-e7cd77b24597
X-Amzn-Trace-Id: sampled=0;root=1-5a0c7a8e-66a88aa1083a4631ce1a9e45
X-Cache: Miss from cloudfront
Via: 1.1 9ba06853e586727720bf0a1bf763bad7.cloudfront.net (CloudFront)
X-Amz-Cf-Id: BtaBXTGIVWfSRurtkK7aMOcg39oiA1Uz3UCoPPQm5LWu5bt72gV_cA==
Connection: Keep-alive

{
 "jobs": [{
  "jobId": "ade0f15c-5857-4fcd-b731-43530bbd2d7d",
  "source": {
   "s3": {
    "bucketName": "signer-test-source",
    "key": "my-example-code.java",
    "version": null
   }
  },
  "signedObject": {
   "s3": {
    "bucketName": "signer-test-dest",
    "key": "signed_images/ade0f15c-5857-4fcd-b731-43530bbd2d7d"
   }
  },
  "signingMaterial": {
   "certificateArn":
 "arn:aws:acm:region:123456789012:certificate/7a0ed941-64dd-419b-8b59-24378756fee3"
  },
  "createdAt": 1508345543,
  "status": "Succeeded"
 },
 {
  "jobId": "9052caa6-1d8d-43b5-9ead-0cb8621c8c74",
  "source": {
   "s3": {
```

```
    "bucketName": "signer-test-source",
    "key": "my-example-code.java",
    "version": "W.OIrIFmjIFeuNXOaBJzPee66.wRg4GR"
   }
  },
  "signedObject": {
   "s3": {
    "bucketName": "signer-test-dest",
    "key": "9052caa6-1d8d-43b5-9ead-0cb8621c8c74"
   }
  },
  "signingMaterial": {
   "certificateArn":
"arn:aws:acm:region:123456789012:certificate/9ec626ca-0bbb-4be5-83a2-ee563f8386ca"
  },
  "createdAt": 1510695622,
  "status": "Succeeded"
},
{
  "jobId": "cc9067a9-9258-489a-abae-1c3408191071",
  "source": {
   "s3": {
    "bucketName": "signer-test-source",
    "key": "my-example-code.java",
    "version": "W.OIrIFmjIFeuNXOaBJzPee66.wRg4GR"
   }
  },
  "signedObject": {
   "s3": {
    "bucketName": "signer-test-dest",
    "key": "cc9067a9-9258-489a-abae-1c3408191071"
   }
  },
  "signingMaterial": {
   "certificateArn":
"arn:aws:acm:region:123456789012:certificate/9ec626ca-0bbb-4be5-83a2-ee563f8386ca"
  },
  "createdAt": 1510698374,
  "status": "Succeeded"
},
{
  "jobId": "ba506303-848d-4fb7-a07f-e8049eb5faa6",
  "source": {
   "s3": {
```

```
    "bucketName": "signer-test-source",
    "key": "my-example-code.java",
    "version": "W.OIrIFmjIFeuNXOaBJzPee66.wRg4GR"
   }
  },
  "signedObject": {
   "s3": {
    "bucketName": "signer-test-dest",
    "key": "ba506303-848d-4fb7-a07f-e8049eb5faa6"
   }
  },
  "signingMaterial": {
   "certificateArn":
 "arn:aws:acm:region:123456789012:certificate/9ec626ca-0bbb-4be5-83a2-ee563f8386ca"
  },
  "createdAt": 1510760837,
  "status": "Succeeded"
 }],
 "nextToken": null
}
```


See Also

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

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

ListSigningPlatforms

Lists all signing platforms available in AWS Signer that match the request parameters. If additional jobs remain to be listed, Signer returns a `nextToken` value. Use this value in subsequent calls to `ListSigningJobs` to fetch the remaining values. You can continue calling `ListSigningJobs` with your `maxResults` parameter and with new values that Signer returns in the `nextToken` parameter until all of your signing jobs have been returned.

Request Syntax

```
GET /signing-platforms?
category=category&maxResults=maxResults&nextToken=nextToken&partner=partner&target=target
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

category

The category type of a signing platform.

maxResults

The maximum number of results to be returned by this operation.

Valid Range: Minimum value of 1. Maximum value of 25.

nextToken

Value for specifying the next set of paginated results to return. After you receive a response with truncated results, use this parameter in a subsequent request. Set it to the value of `nextToken` from the response that you just received.

partner

Any partner entities connected to a signing platform.

target

The validation template that is used by the target signing platform.

Request Body

The request does not have a request body.

Response Syntax

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

{
   "nextToken": "string",
   "platforms": [
      {
         "category": "string",
         "displayName": "string",
         "maxSizeInMB": number,
         "partner": "string",
         "platformId": "string",
         "revocationSupported": boolean,
         "signingConfiguration": {
            "encryptionAlgorithmOptions": {
               "allowedValues": [ "string" ],
               "defaultValue": "string"
            },
            "hashAlgorithmOptions": {
               "allowedValues": [ "string" ],
               "defaultValue": "string"
            }
         },
         "signingImageFormat": {
            "defaultFormat": "string",
            "supportedFormats": [ "string" ]
         },
         "target": "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

Value for specifying the next set of paginated results to return.

Type: String

platforms

A list of all platforms that match the request parameters.

Type: Array of SigningPlatform objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

See Also

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

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

ListSigningProfiles

Lists all available signing profiles in your AWS account. Returns only profiles with an `ACTIVE` status unless the `includeCanceled` request field is set to `true`. If additional jobs remain to be listed, AWS Signer returns a `nextToken` value. Use this value in subsequent calls to `ListSigningJobs` to fetch the remaining values. You can continue calling `ListSigningJobs` with your `maxResults` parameter and with new values that Signer returns in the `nextToken` parameter until all of your signing jobs have been returned.

Request Syntax

```
GET /signing-profiles?
includeCanceled=includeCanceled&maxResults=maxResults&nextToken=nextToken&platformId=platformId
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

includeCanceled

Designates whether to include profiles with the status of `CANCELED`.

maxResults

The maximum number of profiles to be returned.

Valid Range: Minimum value of 1. Maximum value of 25.

nextToken

Value for specifying the next set of paginated results to return. After you receive a response with truncated results, use this parameter in a subsequent request. Set it to the value of `nextToken` from the response that you just received.

platformId

Filters results to return only signing jobs initiated for a specified signing platform.

statuses

Filters results to return only signing jobs with statuses in the specified list.

Valid Values: `Active | Canceled | Revoked`

Request Body

The request does not have a request body.

Response Syntax

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

{
   "nextToken": "string",
   "profiles": [
      {
         "arn": "string",
         "platformDisplayName": "string",
         "platformId": "string",
         "profileName": "string",
         "profileVersion": "string",
         "profileVersionArn": "string",
         "signatureValidityPeriod": {
            "type": "string",
            "value": number
         },
         "signingMaterial": {
            "certificateArn": "string"
         },
         "signingParameters": {
            "string" : "string"
         },
         "status": "string",
         "tags": {
            "string" : "string"
         }
      }
   ]
}
```

Response Elements

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

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

nextToken

Value for specifying the next set of paginated results to return.

Type: String

profiles

A list of profiles that are available in the AWS account. This includes profiles with the status of `CANCELED` if the `includeCanceled` parameter is set to `true`.

Type: Array of SigningProfile objects

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

See Also

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

- AWS Command Line Interface V2

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

ListTagsForResource

Returns a list of the tags associated with a signing profile resource.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) for the signing profile.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
   "tags": {
      "string" : "string"
   }
}
```

Response Elements

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

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

tags

A list of tags associated with the signing profile.

Type: String to string map

Map Entries: Maximum number of 200 items.

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

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

Value Length Constraints: Maximum length of 256.

Errors

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

BadRequestException

The request contains invalid parameters for the ARN or tags. This exception also occurs when you call a tagging API on a cancelled signing profile.

HTTP Status Code: 400

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

NotFoundException

The signing profile was not found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

See Also

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

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

PutSigningProfile

Creates a signing profile. A signing profile is a code-signing template that can be used to carry out a pre-defined signing job.

Request Syntax

```
PUT /signing-profiles/profileName HTTP/1.1
Content-type: application/json

{
   "overrides": {
      "signingConfiguration": {
         "encryptionAlgorithm": "string",
         "hashAlgorithm": "string"
      },
      "signingImageFormat": "string"
   },
   "platformId": "string",
   "signatureValidityPeriod": {
      "type": "string",
      "value": number
   },
   "signingMaterial": {
      "certificateArn": "string"
   },
   "signingParameters": {
      "string" : "string"
   },
   "tags": {
      "string" : "string"
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

profileName

The name of the signing profile to be created.

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

Pattern: `^[a-zA-Z0-9_]{2,}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

overrides

A subfield of `platform`. This specifies any different configuration options that you want to apply to the chosen platform (such as a different `hash-algorithm` or `signing-algorithm`).

Type: SigningPlatformOverrides object

Required: No

platformId

The ID of the signing platform to be created.

Type: String

Required: Yes

signatureValidityPeriod

The default validity period override for any signature generated using this signing profile. If unspecified, the default is 135 months.

Type: SignatureValidityPeriod object

Required: No

signingMaterial

The AWS Certificate Manager certificate that will be used to sign code with the new signing profile.

Type: SigningMaterial object

Required: No

signingParameters

Map of key-value pairs for signing. These can include any information that you want to use during signing.

Type: String to string map

Required: No

tags

Tags to be associated with the signing profile that is being created.

Type: String to string map

Map Entries: Maximum number of 200 items.

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

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

Value Length Constraints: Maximum length of 256.

Required: No

Response Syntax

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

{
   "arn": "string",
   "profileVersion": "string",
   "profileVersionArn": "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.

arn

The Amazon Resource Name (ARN) of the signing profile created.

Type: String

profileVersion

The version of the signing profile being created.

Type: String

Length Constraints: Fixed length of 10.

Pattern: `^[a-zA-Z0-9]{10}$`

profileVersionArn

The signing profile ARN, including the profile version.

Type: String

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

See Also

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

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

RemoveProfilePermission

Removes cross-account permissions from a signing profile.

Request Syntax

```
DELETE /signing-profiles/profileName/permissions/statementId?revisionId=revisionId
 HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

profileName

A human-readable name for the signing profile with permissions to be removed.

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

Pattern: `^[a-zA-Z0-9_]{2,}`

Required: Yes

revisionId

An identifier for the current revision of the signing profile permissions.

Required: Yes

statementId

A unique identifier for the cross-account permissions statement.

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
   "revisionId": "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.

revisionId

An identifier for the current revision of the profile permissions.

Type: String

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

The resource encountered a conflicting state.

HTTP Status Code: 409

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

See Also

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

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

RevokeSignature

Changes the state of a signing job to REVOKED. This indicates that the signature is no longer valid.

Request Syntax

```
PUT /signing-jobs/jobId/revoke HTTP/1.1
Content-type: application/json

{
   "jobOwner": "string",
   "reason": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

jobId

ID of the signing job to be revoked.

Required: Yes

Request Body

The request accepts the following data in JSON format.

jobOwner

AWS account ID of the job owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: ^[0-9]{12}$

Required: No

reason

The reason for revoking the signing job.

Type: String

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

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

See Also

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

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

RevokeSigningProfile

Changes the state of a signing profile to REVOKED. This indicates that signatures generated using the signing profile after an effective start date are no longer valid. A revoked profile is still viewable with the `ListSigningProfiles` operation, but it cannot perform new signing jobs. See Data Retention for more information on scheduled deletion of a revoked signing profile.

Request Syntax

```
PUT /signing-profiles/profileName/revoke HTTP/1.1
Content-type: application/json

{
   "effectiveTime": number,
   "profileVersion": "string",
   "reason": "string"
}
```

URI Request Parameters

The request uses the following URI parameters.

profileName

The name of the signing profile to be revoked.

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

Pattern: `^[a-zA-Z0-9_]{2,}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

effectiveTime

A timestamp for when revocation of a Signing Profile should become effective. Signatures generated using the signing profile after this timestamp are not trusted.

Type: Timestamp

Required: Yes

profileVersion

The version of the signing profile to be revoked.

Type: String

Length Constraints: Fixed length of 10.

Pattern: `^[a-zA-Z0-9]{10}$`

Required: Yes

reason

The reason for revoking a signing profile.

Type: String

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

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

See Also

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

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

- AWS SDK for Ruby V3

SignPayload

Signs a binary payload and returns a signature envelope.

Request Syntax

```
POST /signing-jobs/with-payload HTTP/1.1
Content-type: application/json

{
   "payload": blob,
   "payloadFormat": "string",
   "profileName": "string",
   "profileOwner": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

payload

Specifies the object digest (hash) to sign.

Type: Base64-encoded binary data object

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

Required: Yes

payloadFormat

Payload content type. The single valid type is `application/vnd.cncf.notary.payload.v1+json`.

Type: String

Required: Yes

profileName

The name of the signing profile.

Type: String

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

Pattern: `^[a-zA-Z0-9_]{2,}`

Required: Yes

profileOwner

The AWS account ID of the profile owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^[0-9]{12}$`

Required: No

Response Syntax

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

{
   "jobId": "string",
   "jobOwner": "string",
   "metadata": {
      "string" : "string"
   },
   "signature": blob
}
```

Response Elements

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

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

jobId

Unique identifier of the signing job.

Type: String

jobOwner

The AWS account ID of the job owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^[0-9]{12}$`

metadata

Information including the signing profile ARN and the signing job ID.

Type: String to string map

signature

A cryptographic signature.

Type: Base64-encoded binary data object

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

See Also

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

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

StartSigningJob

Initiates a signing job to be performed on the code provided. Signing jobs are viewable by the `ListSigningJobs` operation. Note the following requirements:

- You must create an Amazon S3 source bucket. For more information, see Creating a Bucket in the *Amazon S3 Getting Started Guide*.
- Your S3 source bucket must be version enabled.
- You must create an S3 destination bucket. AWS Signer uses your S3 destination bucket to write your signed code.
- You specify the name of the source and destination buckets when calling the `StartSigningJob` operation.
- You must ensure the S3 buckets are from the same Region as the signing profile. Cross-Region signing isn't supported.
- You must also specify a request token that identifies your request to Signer.

You can call the DescribeSigningJob and the ListSigningJobs actions after you call `StartSigningJob`.

For a Java example that shows how to use this action, see StartSigningJob.

Request Syntax

```
POST /signing-jobs HTTP/1.1
Content-type: application/json

{
   "clientRequestToken": "string",
   "destination": {
      "s3": {
         "bucketName": "string",
         "prefix": "string"
      }
   },
   "profileName": "string",
   "profileOwner": "string",
   "source": {
      "s3": {
         "bucketName": "string",
```

```
            "key": "string",
            "version": "string"
        }
    }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientRequestToken

String that identifies the signing request. All calls after the first that use this token return the same response as the first call.

Type: String

Required: Yes

destination

The S3 bucket in which to save your signed object. The destination contains the name of your bucket and an optional prefix.

Type: Destination object

Required: Yes

profileName

The name of the signing profile.

Type: String

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

Pattern: `^[a-zA-Z0-9_]{2,}`

Required: Yes

profileOwner

The AWS account ID of the signing profile owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^[0-9]{12}$`

Required: No

source

The S3 bucket that contains the object to sign or a BLOB that contains your raw code.

Type: Source object

Required: Yes

Response Syntax

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

{
   "jobId": "string",
   "jobOwner": "string"
}
```

Response Elements

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

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

jobId

The ID of your signing job.

Type: String

jobOwner

The AWS account ID of the signing job owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^[0-9]{12}$`

Errors

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

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

ResourceNotFoundException

A specified resource could not be found.

HTTP Status Code: 404

ThrottlingException

This error has been deprecated.

The request was denied due to request throttling.

Instead of this error, `TooManyRequestsException` should be used.

HTTP Status Code: 429

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

ValidationException

You signing certificate could not be validated.

HTTP Status Code: 400

Examples

Start a signing job

This example illustrates one usage of StartSigningJob.

Sample Request

```
POST /Prod/signing-jobs HTTP/1.1
Host: signer.us-east-1.amazonaws.com
Accept-Encoding: identity
Content-Length: 411
Authorization: AWS4-HMAC-SHA256 Credential=acces_key/20171115/
us-east-1/signer/aws4_request, SignedHeaders=host;x-amz-date,
 Signature=e5a6cf8f72819823373eef632ab310e940aea5abec6c101ab27265b7aaa37aee
X-Amz-Date: 20171115T154708Z
User-Agent: aws-cli/1.11.132 Python/2.7.9 Windows/8 botocore/1.5.95

{
 "source": {
  "s3": {
   "version": "W.OIrIFmjIFeuNXOaBJzPee66.wRg4GR",
   "bucketName": "signer-test-source",
   "key": "my-example-code.java"
  }
 },
 "destination": {
  "s3": {
   "bucketName": "signer-test-dest"
  }
 },
 "platform": "TexasInstruments",
 "signingMaterial": {
```

```
  "certificateArn":
 "arn:aws:acm:region:123456789012:certificate/9ec626ca-0bbb-4be5-83a2-ee563f8386ca"
 },
 "clientRequestToken": "12345"
}
```

Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
Content-Length: 48
Date: Wed, 15 Nov 2017 15:47:17 GMT
x-amzn-RequestId: 41bab6aa-ca1c-11e7-84c9-a3126a821e6a
X-Amzn-Trace-Id: sampled=0;root=1-5a0c6184-fcef477f16c548f2ab9a3c29
X-Cache: Miss from cloudfront
Via: 1.1 a44b4468444ef3ee67472bd5c5016098.cloudfront.net (CloudFront)
X-Amz-Cf-Id: JPloXC54wpP2pempPkUcX7S5Qf-5oMmgNE1Uc05KNIlG2igfInFU-g==
Connection: Keep-alive

{"jobId":"ba506303-848d-4fb7-a07f-e8049eb5faa6"}
```

See Also

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

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

TagResource

Adds one or more tags to a signing profile. Tags are labels that you can use to identify and organize your AWS resources. Each tag consists of a key and an optional value. To specify the signing profile, use its Amazon Resource Name (ARN). To specify the tag, use a key-value pair.

Request Syntax

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

{
   "tags": {
      "string" : "string"
   }
}
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) for the signing profile.

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

One or more tags to be associated with the signing profile.

Type: String to string map

Map Entries: Maximum number of 200 items.

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

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

Value Length Constraints: Maximum length of 256.

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

BadRequestException

The request contains invalid parameters for the ARN or tags. This exception also occurs when you call a tagging API on a cancelled signing profile.

HTTP Status Code: 400

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

NotFoundException

The signing profile was not found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

See Also

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

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

UntagResource

Removes one or more tags from a signing profile. To remove the tags, specify a list of tag keys.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) for the signing profile.

Required: Yes

tagKeys

A list of tag keys to be removed from the signing profile.

Array Members: Minimum number of 1 item. Maximum number of 200 items.

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

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

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

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

BadRequestException

The request contains invalid parameters for the ARN or tags. This exception also occurs when you call a tagging API on a cancelled signing profile.

HTTP Status Code: 400

InternalServiceErrorException

An internal error occurred.

HTTP Status Code: 500

NotFoundException

The signing profile was not found.

HTTP Status Code: 404

TooManyRequestsException

The allowed number of job-signing requests has been exceeded.

This error supersedes the error `ThrottlingException`.

HTTP Status Code: 429

See Also

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

- AWS Command Line Interface V2
- AWS SDK for .NET V4
- AWS SDK for C++
- AWS SDK for Go v2
- AWS SDK for Java V2
- AWS SDK for JavaScript V3

- AWS SDK for Kotlin
- AWS SDK for PHP V3
- AWS SDK for Python (Boto3)
- AWS SDK for Ruby V3

Data Types

The AWS Signer 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:

- Destination
- EncryptionAlgorithmOptions
- HashAlgorithmOptions
- Permission
- S3Destination
- S3SignedObject
- S3Source
- SignatureValidityPeriod
- SignedObject
- SigningConfiguration
- SigningConfigurationOverrides
- SigningImageFormat
- SigningJob
- SigningJobRevocationRecord
- SigningMaterial
- SigningPlatform
- SigningPlatformOverrides
- SigningProfile
- SigningProfileRevocationRecord
- Source

Destination

Points to an `S3Destination` object that contains information about your S3 bucket.

Contents

s3

The `S3Destination` object.

Type: S3Destination 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

EncryptionAlgorithmOptions

The encryption algorithm options that are available to a code-signing job.

Contents

allowedValues

The set of accepted encryption algorithms that are allowed in a code-signing job.

Type: Array of strings

Valid Values: `RSA | ECDSA`

Required: Yes

defaultValue

The default encryption algorithm that is used by a code-signing job.

Type: String

Valid Values: `RSA | ECDSA`

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

HashAlgorithmOptions

The hash algorithms that are available to a code-signing job.

Contents

allowedValues

The set of accepted hash algorithms allowed in a code-signing job.

Type: Array of strings

Valid Values: SHA1 | SHA256

Required: Yes

defaultValue

The default hash algorithm that is used in a code-signing job.

Type: String

Valid Values: SHA1 | SHA256

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

Permission

A cross-account permission for a signing profile.

Contents

action

An AWS Signer action permitted as part of cross-account permissions.

Type: String

Required: No

principal

The AWS principal that has been granted a cross-account permission.

Type: String

Required: No

profileVersion

The signing profile version that a permission applies to.

Type: String

Length Constraints: Fixed length of 10.

Pattern: `^[a-zA-Z0-9]{10}$`

Required: No

statementId

A unique identifier for a cross-account permission statement.

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

S3Destination

The name and prefix of the Amazon S3 bucket where AWS Signer saves your signed objects.

Contents

bucketName

Name of the S3 bucket.

Type: String

Required: No

prefix

An S3 prefix that you can use to limit responses to those that begin with the specified prefix.

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

S3SignedObject

The Amazon S3 bucket name and key where Signer saved your signed code image.

Contents

bucketName

Name of the S3 bucket.

Type: String

Required: No

key

Key name that uniquely identifies a signed code image in your bucket.

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

S3Source

Information about the Amazon S3 bucket where you saved your unsigned code.

Contents

bucketName

Name of the S3 bucket.

Type: String

Required: Yes

key

Key name of the bucket object that contains your unsigned code.

Type: String

Required: Yes

version

Version of your source image in your version enabled S3 bucket.

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

SignatureValidityPeriod

The validity period for a signing job.

Contents

type

The time unit for signature validity.

Type: String

Valid Values: `DAYS | MONTHS | YEARS`

Required: No

value

The numerical value of the time unit for signature validity.

Type: Integer

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SignedObject

Points to an `S3SignedObject` object that contains information about your signed code image.

Contents

s3

The `S3SignedObject`.

Type: S3SignedObject 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

SigningConfiguration

The configuration of a signing operation.

Contents

encryptionAlgorithmOptions

The encryption algorithm options that are available for a code-signing job.

Type: EncryptionAlgorithmOptions object

Required: Yes

hashAlgorithmOptions

The hash algorithm options that are available for a code-signing job.

Type: HashAlgorithmOptions object

Required: Yes

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SigningConfigurationOverrides

A signing configuration that overrides the default encryption or hash algorithm of a signing job.

Contents

encryptionAlgorithm

A specified override of the default encryption algorithm that is used in a code-signing job.

Type: String

Valid Values: `RSA` | `ECDSA`

Required: No

hashAlgorithm

A specified override of the default hash algorithm that is used in a code-signing job.

Type: String

Valid Values: `SHA1` | `SHA256`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SigningImageFormat

The image format of a AWS Signer platform or profile.

Contents

defaultFormat

The default format of a signing image.

Type: String

Valid Values: `JSON | JSONEmbedded | JSONDetached`

Required: Yes

supportedFormats

The supported formats of a signing image.

Type: Array of strings

Valid Values: `JSON | JSONEmbedded | JSONDetached`

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

SigningJob

Contains information about a signing job.

Contents

createdAt

The date and time that the signing job was created.

Type: Timestamp

Required: No

isRevoked

Indicates whether the signing job is revoked.

Type: Boolean

Required: No

jobId

The ID of the signing job.

Type: String

Required: No

jobInvoker

The AWS account ID of the job invoker.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `^[0-9]{12}$`

Required: No

jobOwner

The AWS account ID of the job owner.

Type: String

Length Constraints: Fixed length of 12.

Pattern: ^[0-9]{12}$

Required: No

platformDisplayName

The name of a signing platform.

Type: String

Required: No

platformId

The unique identifier for a signing platform.

Type: String

Required: No

profileName

The name of the signing profile that created a signing job.

Type: String

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

Pattern: ^[a-zA-Z0-9_]{2,}

Required: No

profileVersion

The version of the signing profile that created a signing job.

Type: String

Length Constraints: Fixed length of 10.

Pattern: ^[a-zA-Z0-9]{10}$

Required: No

signatureExpiresAt

The time when the signature of a signing job expires.

Type: Timestamp

Required: No

signedObject

A `SignedObject` structure that contains information about a signing job's signed code image.

Type: SignedObject object

Required: No

signingMaterial

A `SigningMaterial` object that contains the Amazon Resource Name (ARN) of the certificate used for the signing job.

Type: SigningMaterial object

Required: No

source

A `Source` that contains information about a signing job's code image source.

Type: Source object

Required: No

status

The status of the signing job.

Type: String

Valid Values: `InProgress | Failed | Succeeded`

Required: No

See Also

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

- AWS SDK for C++

- AWS SDK for Java V2
- AWS SDK for Ruby V3

SigningJobRevocationRecord

Revocation information for a signing job.

Contents

reason

A caller-supplied reason for revocation.

Type: String

Required: No

revokedAt

The time of revocation.

Type: Timestamp

Required: No

revokedBy

The identity of the revoker.

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

SigningMaterial

The ACM certificate that is used to sign your code.

Contents

certificateArn

The Amazon Resource Name (ARN) of the certificates that is used to sign your code.

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

SigningPlatform

Contains information about the signing configurations and parameters that are used to perform a code-signing job.

Contents

category

The category of a signing platform.

Type: String

Valid Values: `AWSIoT`

Required: No

displayName

The display name of a signing platform.

Type: String

Required: No

maxSizeInMB

The maximum size (in MB) of code that can be signed by a signing platform.

Type: Integer

Required: No

partner

Any partner entities linked to a signing platform.

Type: String

Required: No

platformId

The ID of a signing platform.

Type: String

Required: No

revocationSupported

Indicates whether revocation is supported for the platform.

Type: Boolean

Required: No

signingConfiguration

The configuration of a signing platform. This includes the designated hash algorithm and encryption algorithm of a signing platform.

Type: SigningConfiguration object

Required: No

signingImageFormat

The image format of a AWS Signer platform or profile.

Type: SigningImageFormat object

Required: No

target

The types of targets that can be signed by a signing platform.

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

SigningPlatformOverrides

Any overrides that are applied to the signing configuration of a signing platform.

Contents

signingConfiguration

A signing configuration that overrides the default encryption or hash algorithm of a signing job.

Type: SigningConfigurationOverrides object

Required: No

signingImageFormat

A signed image is a JSON object. When overriding the default signing platform configuration, a customer can select either of two signing formats, `JSONEmbedded` or `JSONDetached`. (A third format value, `JSON`, is reserved for future use.) With `JSONEmbedded`, the signing image has the payload embedded in it. With `JSONDetached`, the payload is not be embedded in the signing image.

Type: String

Valid Values: `JSON | JSONEmbedded | JSONDetached`

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SigningProfile

Contains information about the ACM certificates and signing configuration parameters that can be used by a given code signing user.

Contents

arn

The Amazon Resource Name (ARN) for the signing profile.

Type: String

Required: No

platformDisplayName

The name of the signing platform.

Type: String

Required: No

platformId

The ID of a platform that is available for use by a signing profile.

Type: String

Required: No

profileName

The name of the signing profile.

Type: String

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

Pattern: `^[a-zA-Z0-9_]{2,}`

Required: No

profileVersion

The version of a signing profile.

Type: String

Length Constraints: Fixed length of 10.

Pattern: `^[a-zA-Z0-9]{10}$`

Required: No

profileVersionArn

The ARN of a signing profile, including the profile version.

Type: String

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

Required: No

signatureValidityPeriod

The validity period for a signing job created using this signing profile.

Type: SignatureValidityPeriod object

Required: No

signingMaterial

The ACM certificate that is available for use by a signing profile.

Type: SigningMaterial object

Required: No

signingParameters

The parameters that are available for use by a Signer user.

Type: String to string map

Required: No

status

The status of a signing profile.

Type: String

Valid Values: `Active | Canceled | Revoked`

Required: No

tags

A list of tags associated with the signing profile.

Type: String to string map

Map Entries: Maximum number of 200 items.

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

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

Value Length Constraints: Maximum length of 256.

Required: No

See Also

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

- AWS SDK for C++
- AWS SDK for Java V2
- AWS SDK for Ruby V3

SigningProfileRevocationRecord

Revocation information for a signing profile.

Contents

revocationEffectiveFrom

The time when revocation becomes effective.

Type: Timestamp

Required: No

revokedAt

The time when the signing profile was revoked.

Type: Timestamp

Required: No

revokedBy

The identity of the revoker.

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

Source

An `S3Source` object that contains information about the S3 bucket where you saved your unsigned code.

Contents

s3

The `S3Source` object.

Type: S3Source 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

Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see Signing AWS API requests in the *IAM User Guide*.

X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: `AWS4-HMAC-SHA256`

Required: Conditional

X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key*/*YYYYMMDD*/*region*/*service*/aws4_request.

For more information, see Create a signed AWS API request in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: `20120325T120000Z`.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see Elements of an AWS API request signature in the *IAM User Guide*.

Type: string

Required: Conditional

X-Amz-Security-Token

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see AWS services that work with IAM in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

X-Amz-Signature

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-SignedHeaders

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see Create a signed AWS API request in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

Common Error Types

This section lists common error types that this AWS service may return. Not all services return all error types listed here. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You don't have permission to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request has expired. Request a new security token and try again.

HTTP Status Code: 403

IncompleteSignature

The request signature doesn't conform to AWS standards. Verify that you're using valid AWS credentials and that your request is properly formatted. If you're using an SDK, ensure it's up to date.

HTTP Status Code: 403

InternalFailure

The request can't be processed right now because of an internal server issue. Try again later. If the problem persists, contact AWS Support.

HTTP Status Code: 500

MalformedHttpRequestException

The request body can't be processed. This typically happens when the request body can't be decompressed using the specified content encoding algorithm. Verify that the content encoding header matches the compression format used.

HTTP Status Code: 400

NotAuthorized

You don't have permissions to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 401

OptInRequired

Your AWS account needs a subscription for this service. Verify that you've enabled the service in your account.

HTTP Status Code: 403

RequestAbortedException

The request was aborted before a response could be returned. This typically happens when the client closes the connection.

HTTP Status Code: 400

RequestEntityTooLargeException

The request entity is too large. Reduce the size of the request body and try again.

HTTP Status Code: 413

RequestTimeoutException

The request timed out. The server didn't receive the complete request within the expected time frame. Try again.

HTTP Status Code: 408

ServiceUnavailable

The service is temporarily unavailable. Try again later.

HTTP Status Code: 503

ThrottlingException

Your request rate is too high. The AWS SDKs automatically retry requests that receive this exception. Reduce the frequency of requests.

HTTP Status Code: 400

UnknownOperationException

The action or operation isn't recognized. Verify that the action name is spelled correctly and that it's supported by the API version you're using.

HTTP Status Code: 404

UnrecognizedClientException

The X.509 certificate or AWS access key ID you provided doesn't exist in our records. Verify that you're using valid credentials and that they haven't expired.

HTTP Status Code: 403

ValidationError

The input doesn't meet the required format or constraints. Check that all required parameters are included and that values are valid.

HTTP Status Code: 400