



API Reference

AWS Support authorization



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AWS Support authorization: API Reference

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Welcome

AWS Support authorization APIs enable you to control and authorize the actions that AWS Support operators can perform on your resources. You create cryptographically signed support permits specifying which actions operators can perform, on which resources, and under what time-window conditions. Permits are signed using a customer-managed AWS KMS key (ECC_NIST_P384, SIGN_VERIFY) to ensure non-repudiation.

This document was last published on July 1, 2026.

Actions

The following actions are supported:

- [CreateSupportPermit](#)
- [DeleteSupportPermit](#)
- [GetAction](#)
- [GetSupportPermit](#)
- [ListActions](#)
- [ListSupportPermitRequests](#)
- [ListSupportPermits](#)
- [ListTagsForResource](#)
- [RejectSupportPermitRequest](#)
- [TagResource](#)
- [UntagResource](#)

CreateSupportPermit

Creates a support permit that authorizes an AWS support operator to perform specified actions on specified resources. The permit is cryptographically signed using a customer-managed AWS KMS key (ECC_NIST_P384, SIGN_VERIFY) to ensure non-repudiation.

Request Syntax

```
POST /support-permits HTTP/1.1
Content-type: application/json

{
  "clientToken": "string",
  "description": "string",
  "name": "string",
  "permit": {
    "actions": { ... },
    "conditions": [
      { ... }
    ],
    "resources": { ... }
  },
  "signingKeyInfo": { ... },
  "supportCaseDisplayId": "string",
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

clientToken

A unique, case-sensitive identifier to ensure that the operation completes no more than one time. If this token matches a previous request, the service returns the existing permit without creating a duplicate.

Type: String

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

Pattern: [!-~]+

Required: No

description

A human-readable description of why this permit is being created. Maximum length of 1024 characters.

Type: String

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

Required: No

name

A customer-chosen name for the support permit. Must be between 1 and 256 alphanumeric characters.

Type: String

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

Pattern: [a-zA-Z0-9]{1,256}

Required: Yes

permit

The permit definition specifying the actions, resources, and time-window conditions that the support operator is authorized to use.

Type: [Permit](#) object

Required: Yes

signingKeyInfo

The signing key information used to sign the permit. Must reference an AWS KMS key with key usage SIGN_VERIFY and key spec ECC_NIST_P384.

Type: [SigningKeyInfo](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

[supportCaseDisplayId](#)

The display identifier of the AWS Support case associated with this permit.

Type: String

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

Pattern: [a-zA-Z0-9:/-]{1,512}

Required: No

[tags](#)

The tags to associate with the support permit on creation.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: No

Response Syntax

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

{
  "arn": "string",
  "createdAt": number,
  "description": "string",
  "name": "string",
  "permit": {
    "actions": { ... },
```

```
    "conditions": [  
      { ... }  
    ],  
    "resources": { ... }  
  },  
  "signingKeyInfo": { ... },  
  "status": "string",  
  "supportCaseDisplayId": "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) of the support permit.

Type: String

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

Pattern: `arn:[a-z0-9-]+:[a-z0-9-]+:[a-z0-9-]*:[0-9]{12}:[.+`

createdAt

The timestamp when the permit was created.

Type: Timestamp

description

The description of the support permit.

Type: String

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

name

The name of the support permit.

Type: String

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

Pattern: [a-zA-Z0-9]{1,256}

permit

The permit definition.

Type: [Permit](#) object

signingKeyInfo

The signing key information for the permit.

Type: [SigningKeyInfo](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

status

The current status of the support permit.

Type: String

Valid Values: ACTIVE | INACTIVE | DELETING

supportCaseDisplayId

The display identifier of the support case associated with the permit.

Type: String

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

Pattern: [a-zA-Z0-9:/-]{1,512}

tags

The tags associated with the support permit.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 409

InternalServerError

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ServiceQuotaExceededException

The request exceeds a service quota for your account.

quotaCode

The quota code of the exceeded quota.

resourceId

The identifier of the resource that exceeded the quota.

resourceType

The type of the resource that exceeded the quota.

serviceCode

The service code of the originating service.

HTTP Status Code: 402

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

DeleteSupportPermit

Deletes a support permit, revoking the authorization previously granted to the AWS support operator.

Request Syntax

```
DELETE /support-permits/supportPermitIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

supportPermitIdentifier

The Amazon Resource Name (ARN) or name of the support permit to delete.

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

Pattern: `arn:[a-z0-9-]+:[a-z0-9-]+:[a-z0-9-]*:[0-9]{12}:[.]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "arn": "string",
  "createdAt": number,
  "description": "string",
  "name": "string",
  "permit": {
    "actions": { ... },
    "conditions": [
```

```
    { ... }
  ],
  "resources": { ... }
},
"signingKeyInfo": { ... },
"status": "string",
"supportCaseDisplayId": "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 ARN of the deleted support permit.

Type: String

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

Pattern: `arn:[a-z0-9-]+:[a-z0-9-]+:[a-z0-9-]*:[0-9]{12}:[.]+`

createdAt

The timestamp when the permit was originally created.

Type: Timestamp

description

The description of the deleted support permit.

Type: String

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

name

The name of the deleted support permit.

Type: String

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

Pattern: [a-zA-Z0-9]{1,256}

permit

The permit definition of the deleted permit.

Type: [Permit](#) object

signingKeyInfo

The signing key information for the deleted permit.

Type: [SigningKeyInfo](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

status

The status of the support permit. Returns DELETING.

Type: String

Valid Values: ACTIVE | INACTIVE | DELETING

supportCaseDisplayId

The display identifier of the support case associated with the deleted permit.

Type: String

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

Pattern: [a-zA-Z0-9:/-]{1,512}

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

InternalServerErrorException

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 404

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

GetAction

Retrieves the description of a specific support action.

Request Syntax

```
GET /actions/action HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

action

The name of the support action to retrieve.

Length Constraints: Minimum length of 3. Maximum length of 255.

Pattern: `[a-z][a-z0-9-]*:[A-Za-z0-9_.-]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "action": "string",
  "description": "string",
  "service": "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.

action

The name of the support action.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Pattern: `[a-z][a-z0-9-]*:[A-Za-z0-9_.-]+`

description

A description of what the support action does.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10240.

service

The AWS service associated with the support action.

Type: String

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

Pattern: `[a-zA-Z0-9-]+`

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

InternalServerError

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 404

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

GetSupportPermit

Retrieves the details of a support permit by its ARN or name.

Request Syntax

```
GET /support-permits/supportPermitIdentifier HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

supportPermitIdentifier

The ARN or name of the support permit to retrieve.

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

Pattern: `[a-zA-Z0-9:/-]{1,512}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{  
  "arn": "string",  
  "createdAt": number,  
  "description": "string",  
  "name": "string",  
  "permit": {  
    "actions": { ... },  
    "conditions": [  
      { ... }  
    ]  
  }  
}
```

```
    ],
    "resources": { ... }
  },
  "signingKeyInfo": { ... },
  "status": "string",
  "supportCaseDisplayId": "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 ARN of the support permit.

Type: String

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

Pattern: `arn:[a-z0-9-]+:[a-z0-9-]+:[a-z0-9-]*:[0-9]{12}:.+`

createdAt

The timestamp when the permit was created.

Type: Timestamp

description

The description of the support permit.

Type: String

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

name

The name of the support permit.

Type: String

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

Pattern: `[a-zA-Z0-9]{1,256}`

permit

The permit definition.

Type: [Permit](#) object

signingKeyInfo

The signing key information for the permit.

Type: [SigningKeyInfo](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

status

The current status of the support permit.

Type: String

Valid Values: ACTIVE | INACTIVE | DELETING

supportCaseDisplayId

The display identifier of the support case associated with the permit.

Type: String

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

Pattern: `[a-zA-Z0-9:/-]{1,512}`

tags

The tags associated with the support permit.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

InternalServerError

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 404

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

ListActions

Lists available support actions for a specified AWS service. Use pagination to ensure that the operation returns quickly and successfully.

Request Syntax

```
GET /actions?maxResults=maxResults&nextToken=nextToken&service=service HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results to return in a single call. Valid range is 1 to 100.

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

nextToken

The token for the next page of results.

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

Pattern: `[a-zA-Z0-9/+=%_ -]+`

service

The name of the AWS service for which to list available support actions.

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

Pattern: `[a-zA-Z0-9 -]+`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "actionSummaries": [
    {
      "action": "string",
      "description": "string",
      "service": "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.

[actionSummaries](#)

The list of support actions.

Type: Array of [ActionSummary](#) objects

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

[nextToken](#)

The token for the next page of results, or null if there are no more results.

Type: String

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

Pattern: [a-zA-Z0-9/+=%_~]+

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

InternalServerError

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

ListSupportPermitRequests

Lists permit requests from AWS support operators. Use pagination to ensure that the operation returns quickly and successfully.

Request Syntax

```
GET /support-permit-requests?  
maxResults=maxResults&nextToken=nextToken&supportCaseDisplayId=supportCaseDisplayId  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results to return in a single call. Valid range is 1 to 100.

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

nextToken

The token for the next page of results.

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

Pattern: `[a-zA-Z0-9/+=%_~]+`

supportCaseDisplayId

Filters the results by support case display identifier.

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

Pattern: `[a-zA-Z0-9:/-]{1,512}`

Request Body

The request does not have a request body.

Response Syntax

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

{
  "nextToken": "string",
  "supportPermitRequests": [
    {
      "createdAt": number,
      "permit": {
        "actions": { ... },
        "conditions": [
          { ... }
        ],
        "resources": { ... }
      },
      "requestArn": "string",
      "status": "string",
      "supportCaseDisplayId": "string",
      "updatedAt": number
    }
  ]
}
```

Response Elements

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

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

nextToken

The token for the next page of results, or null if there are no more results.

Type: String

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

Pattern: [a-zA-Z0-9/+=%_-]+

supportPermitRequests

The list of permit requests.

Type: Array of [SupportPermitRequest](#) objects

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

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

InternalServerErrorException

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

ListSupportPermits

Lists all support permits in the caller's account. Use pagination to ensure that the operation returns quickly and successfully.

Request Syntax

```
GET /support-permits?  
maxResults=maxResults&nextToken=nextToken&supportPermitStatuses=supportPermitStatuses  
HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[maxResults](#)

The maximum number of results to return in a single call. Valid range is 1 to 100.

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

[nextToken](#)

The token for the next page of results.

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

Pattern: `[a-zA-Z0-9/+=%_ -]+`

[supportPermitStatuses](#)

Filters the results by support permit status. Valid values: ACTIVE, INACTIVE, DELETING.

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Valid Values: ACTIVE | INACTIVE | DELETING

Request Body

The request does not have a request body.

Response Syntax

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

{
  "nextToken": "string",
  "supportPermits": [
    {
      "arn": "string",
      "createdAt": number,
      "name": "string",
      "permit": {
        "actions": { ... },
        "conditions": [
          { ... }
        ],
        "resources": { ... }
      },
      "signingKeyInfo": { ... },
      "status": "string",
      "supportCaseDisplayId": "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 for the next page of results, or null if there are no more results.

Type: String

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

Pattern: [a-zA-Z0-9/+=%_~]+

supportPermits

The list of support permits.

Type: Array of [SupportPermitSummary](#) objects

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

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

InternalServerError

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

ListTagsForResource

Lists the tags associated with a support permit resource.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The ARN of the resource to list tags for.

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

Pattern: `arn:[a-z0-9-]+:[a-z0-9-]+:[a-z0-9-]*:[0-9]{12}:[.]+`

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

The tags associated with the resource.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

InternalServerError

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 404

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

RejectSupportPermitRequest

Rejects a permit request from an AWS support operator. The operator cannot proceed with the requested action.

Request Syntax

```
PUT /support-permit-requests/requestArn/reject HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[requestArn](#)

The ARN of the permit request to reject.

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

Pattern: `[a-zA-Z0-9:/-]{1,512}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "requestArn": "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.

requestArn

The ARN of the rejected permit request.

Type: String

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

Pattern: [a-zA-Z0-9:/-]{1,512}

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

ConflictException

The request conflicts with the current state of the resource.

resourceId

The identifier of the resource that caused the conflict.

resourceType

The type of the resource that caused the conflict.

HTTP Status Code: 409

InternalServerErrorException

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 404

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

TagResource

Adds or overwrites one or more tags for a support permit resource.

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 ARN of the resource to tag.

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

Pattern: `arn:[a-z0-9-]+:[a-z0-9-]+:[a-z0-9-]*:[0-9]{12}:[.]+`

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

The tags to add to the resource. Maximum of 50 tags.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

Required: Yes

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

InternalServerError

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 404

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

UntagResource

Removes one or more tags from a support permit resource.

Request Syntax

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

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The ARN of the resource to untag.

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

Pattern: `arn:[a-z0-9-]+:[a-z0-9-]+:[a-z0-9-]*:[0-9]{12}:.+`

Required: Yes

tagKeys

The tag keys to remove from the resource.

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

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

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

Errors

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

AccessDeniedException

You don't have sufficient permissions to perform this operation.

HTTP Status Code: 403

InternalServerError

An internal service error occurred. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 500

ResourceNotFoundException

The specified resource does not exist.

resourceId

The identifier of the resource that was not found.

resourceType

The type of the resource that was not found.

HTTP Status Code: 404

ThrottlingException

The request rate exceeded the allowed limit. Try again later.

retryAfterSeconds

The number of seconds to wait before retrying the request.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by the service.

fieldList

A list of fields that fail validation. Each entry identifies the field and the reason for the constraint violation.

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

Data Types

The SupportAuthZ 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:

- [ActionSet](#)
- [ActionSummary](#)
- [Condition](#)
- [Permit](#)
- [ResourceSet](#)
- [SigningKeyInfo](#)
- [SupportPermitRequest](#)
- [SupportPermitSummary](#)
- [ValidationExceptionField](#)

ActionSet

The set of actions authorized by a permit. Specify either all actions or a list of specific actions.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

actions

A list of specific support actions to authorize. Maximum of 10 actions.

Type: Array of strings

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

Length Constraints: Minimum length of 3. Maximum length of 255.

Pattern: `[a-z][a-z0-9-]*:[A-Za-z0-9_.-]+`

Required: No

allActions

Authorizes all available support actions.

Type: Structure

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](#)

ActionSummary

A summary of a support action.

Contents

action

The name of the support action.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Pattern: `[a-z][a-z0-9-]*:[A-Za-z0-9_.-]+`

Required: Yes

description

A description of what the support action does.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10240.

Required: Yes

service

The AWS service associated with the support action.

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](#)

Condition

A time-window condition that constrains when a support permit is valid.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

allowAfter

The earliest time at which the permit becomes valid.

Type: Timestamp

Required: No

allowBefore

The latest time at which the permit remains valid.

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](#)

Permit

The permit definition specifying the authorized actions, resources, and time-window conditions for a support operator.

Contents

actions

The set of actions that the support operator is authorized to perform.

Type: [ActionSet](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

resources

The set of resources that the support operator is authorized to act upon.

Type: [ResourceSet](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

conditions

The time-window conditions that constrain when the permit is valid. Maximum of 2 conditions.

Type: Array of [Condition](#) objects

Array Members: Minimum number of 0 items. Maximum number of 2 items.

Required: No

See Also

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

- [AWS SDK for C++](#)

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

ResourceSet

The set of resources authorized by a permit. Specify either all resources in the Region or a list of specific resources.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

allResourcesInRegion

Authorizes the support operator to act on all resources in the Region.

Type: Structure

Required: No

resources

A list of specific resource identifiers that the support operator is authorized to act upon. Maximum of 5 resources.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 items.

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

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](#)

SigningKeyInfo

The signing key used to cryptographically sign a support permit.

Contents

Important

This data type is a UNION, so only one of the following members can be specified when used or returned.

kmsKey

The ARN of the AWS KMS key used to sign the permit. The key must have key spec ECC_NIST_P384 and key usage SIGN_VERIFY.

Type: String

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

Pattern: [a-zA-Z0-9/!:_-]{1,512}

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](#)

SupportPermitRequest

A permit request from an AWS support operator.

Contents

createdAt

The timestamp when the request was created.

Type: Timestamp

Required: Yes

permit

The permit definition requested by the operator.

Type: [Permit](#) object

Required: Yes

requestArn

The ARN of the permit request.

Type: String

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

Pattern: [a-zA-Z0-9:/-]{1,512}

Required: Yes

status

The current status of the permit request.

Type: String

Valid Values: PENDING | ACCEPTED | REJECTED | CANCELLED

Required: Yes

supportCaseDisplayId

The display identifier of the support case associated with the request.

Type: String

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

Pattern: [a-zA-Z0-9:/-]{1,512}

Required: Yes

updatedAt

The timestamp when the request was last updated.

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](#)

SupportPermitSummary

A summary of a support permit.

Contents

arn

The ARN of the support permit.

Type: String

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

Pattern: `arn:[a-z0-9-]+:[a-z0-9-]+:[a-z0-9-]*:[0-9]{12}:.+`

Required: Yes

createdAt

The timestamp when the permit was created.

Type: Timestamp

Required: Yes

name

The name of the support permit.

Type: String

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

Pattern: `[a-zA-Z0-9]{1,256}`

Required: Yes

permit

The permit definition.

Type: [Permit](#) object

Required: Yes

signingKeyInfo

The signing key information for the permit.

Type: [SigningKeyInfo](#) object

Note: This object is a Union. Only one member of this object can be specified or returned.

Required: Yes

status

The current status of the support permit.

Type: String

Valid Values: ACTIVE | INACTIVE | DELETING

Required: Yes

supportCaseDisplayId

The display identifier of the support case associated with the permit.

Type: String

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

Pattern: [a-zA-Z0-9:/-]{1,512}

Required: No

See Also

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

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

ValidationExceptionField

Describes one specific validation failure for an input member.

Contents

message

A detailed description of the validation failure.

Type: String

Required: Yes

path

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

Type: String

Required: Yes

See Also

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

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

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