



# **View and update IPsec configuration**

ONTAP 9.14.1 REST API reference

NetApp  
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# View and update IPsec configuration

## Security IPsec endpoint overview

### Overview

The following operations are supported:

- GET to retrieve the IPsec status: GET security/ipsec
- Patch to update IPsec status: PATCH security/ipsec

## Retrieve an IPsec configuration

GET /security/ipsec

Introduced In: 9.8

Retrieves IPsec configuration via REST APIs.

### Related ONTAP commands

- 'security ipsec config show'

### Parameters

| Name   | Type          | In    | Required | Description                   |
|--------|---------------|-------|----------|-------------------------------|
| fields | array[string] | query | False    | Specify the fields to return. |

### Response

Status: 200, Ok

| Name          | Type                      | Description   |
|---------------|---------------------------|---|
| _links        | <a href="#">self_link</a> |   |
| enabled       | boolean                   | Indicates whether or not IPsec is enabled.  |
| replay_window | integer                   | Replay window size in packets, where 0 indicates that the relay window is disabled. |

## Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "replay_window": 0
}
```

## Error

Status: Default, Error

| Name  | Type                           | Description |
|-------|--------------------------------|-------------|
| error | <a href="#">returned_error</a> |             |

## Example error

```
{
  "error": {
    "arguments": {
      "code": "string",
      "message": "string"
    },
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```

## Definitions

## See Definitions

href

| Name | Type   | Description |
|------|--------|-------------|
| href | string |             |

self\_link

| Name | Type                 | Description |
|------|----------------------|-------------|
| self | <a href="#">href</a> |             |

error\_arguments

| Name    | Type   | Description      |
|---------|--------|------------------|
| code    | string | Argument code    |
| message | string | Message argument |

returned\_error

| Name      | Type                                     | Description                                 |
|-----------|--|---|
| arguments | array[ <a href="#">error_arguments</a> ] | Message arguments                           |
| code      | string                                   | Error code                                  |
| message   | string                                   | Error message                               |
| target    | string                                   | The target parameter that caused the error. |

## Update an IPsec configuration

PATCH /security/ipsec

**Introduced In:** 9.8

Updates IPsec configuration via REST APIs.

### Related ONTAP commands

- 'security ipsec config modify'

## Request Body

| Name          | Type                      | Description   |
|---------------|---------------------------|---|
| _links        | <a href="#">self_link</a> |   |
| enabled       | boolean                   | Indicates whether or not IPsec is enabled.  |
| replay_window | integer                   | Replay window size in packets, where 0 indicates that the relay window is disabled. |

### Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "replay_window": 0
}
```

## Response

Status: 200, Ok

## Error

Status: Default

### ONTAP Error Response Codes

| Error Code | Description  |
|------------|--|
| 66256898   | Internal error. Failed to enable IPsec.                |
| 66256899   | Internal error. Failed to disable IPsec.               |
| 66257199   | IPsec is not supported in the current cluster version. |

Also see the table of common errors in the [Response body](#) overview section of this documentation.

| Name  | Type                           | Description |
|-------|--------------------------------|-------------|
| error | <a href="#">returned_error</a> |             |

### Example error

```
{
  "error": {
    "arguments": {
      "code": "string",
      "message": "string"
    },
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```

### Definitions

## See Definitions

href

| Name | Type   | Description |
|------|--------|-------------|
| href | string |             |

self\_link

| Name | Type                 | Description |
|------|----------------------|-------------|
| self | <a href="#">href</a> |             |

ipsec

Manages IPsec configuration via REST APIs.

| Name          | Type                      | Description   |
|---------------|---------------------------|---|
| _links        | <a href="#">self_link</a> |   |
| enabled       | boolean                   | Indicates whether or not IPsec is enabled.  |
| replay_window | integer                   | Replay window size in packets, where 0 indicates that the relay window is disabled. |

error\_arguments

| Name    | Type   | Description      |
|---------|--------|------------------|
| code    | string | Argument code    |
| message | string | Message argument |

returned\_error

| Name      | Type                                     | Description                                 |
|-----------|--|---|
| arguments | array[ <a href="#">error_arguments</a> ] | Message arguments                           |
| code      | string                                   | Error code                                  |
| message   | string                                   | Error message                               |
| target    | string                                   | The target parameter that caused the error. |



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