



# **View and update IPsec configuration**

**ONTAP 9.9.1 REST API reference**

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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 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
max_records	integer	query	False	Limit the number of records returned.
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. <ul style="list-style-type: none"><li>• Default value: 1</li></ul>

Name	Type	In	Required	Description
return_timeout	integer	query	False	<p>The number of seconds to allow the call to execute before returning. When iterating over a collection, the default is 15 seconds. ONTAP returns earlier if either max records or the end of the collection is reached.</p> <ul style="list-style-type: none"> <li>• Default value: 1</li> <li>• Max value: 120</li> <li>• Min value: 0</li> </ul>
order_by	array[string]	query	False	Order results by specified fields and optional [asc
desc] direction. Default direction is 'asc' for ascending.	fields	array[string]	query	False

## 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	error	

## 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

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 IPsec configuration

PATCH /security/ipsec

**Introduced In:** 9.8

Updates IPsec configuration via REST APIs.

### Related ONTAP commands

- 'security ipsec config modify'

## Parameters

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is false. If set to true, the records are returned.  • Default value:

## 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

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.

Name	Type	Description
error	error	

### 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

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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