



# **View and update IPsec configuration**

## **REST API reference**

NetApp  
September 12, 2025

This PDF was generated from [https://docs.netapp.com/us-en/ontap-restapi-97/security\\_ipsec\\_endpoint\\_overview.html](https://docs.netapp.com/us-en/ontap-restapi-97/security_ipsec_endpoint_overview.html) on September 12, 2025. Always check docs.netapp.com for the latest.

# Table of Contents

- View and update IPsec configuration . . . . . 1
  - Security IPsec endpoint overview . . . . . 1
    - Overview . . . . . 1
- Retrieve IPsec configuration . . . . . 1
  - Related ONTAP commands . . . . . 1
  - Learn more . . . . . 1
  - Parameters . . . . . 1
  - Response . . . . . 2
  - Error . . . . . 3
  - Definitions . . . . . 3
- Update IPsec configuration . . . . . 4
  - Related ONTAP commands . . . . . 4
  - Learn more . . . . . 4
  - Parameters . . . . . 5
  - Request Body . . . . . 5
  - Response . . . . . 5
  - Error . . . . . 5
  - Definitions . . . . . 6

# 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

Retrieves IPsec configuration via REST APIs.

### Related ONTAP commands

- 'security ipsec config show'

### Learn more

- [DOC /security/ipsec](#)

### 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.

Name	Type	In	Required	Description
return_timeout	integer	query	False	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.
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.

## Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  }
}
```

## Error

Status: Default, Error

Name	Type	Description
error	<a href="#">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

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

Updates IPsec configuration via REST APIs.

### Related ONTAP commands

- 'security ipsec config modify'

### Learn more

- [DOC /security/ipsec](#)

## Parameters

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

## Request Body

Name	Type	Description
_links	<a href="#">self_link</a>	
enabled	boolean	Indicates whether or not IPsec is enabled.

## Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  }
}
```

## 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.

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.

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.

## Copyright information

Copyright © 2025 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

## Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.