



View and update key manager configurations

REST API reference

NetApp
September 12, 2025

This PDF was generated from https://docs.netapp.com/us-en/ontap-restapi-9141/security_key-manager-configs_endpoint_overview.html on September 12, 2025. Always check docs.netapp.com for the latest.

Table of Contents

- View and update key manager configurations 1
 - Security key-manager-configs endpoint overview 1
 - Overview 1
 - Examples 1
 - Retrieve key manager configurations 2
 - Related ONTAP commands 2
 - Parameters 2
 - Response 2
 - Error 3
 - Definitions 4
 - Update key manager configurations 5
 - Related ONTAP commands 5
 - Request Body 6
 - Response 6
 - Error 6
 - Definitions 7

View and update key manager configurations

Security key-manager-configs endpoint overview

Overview

Retrieves or modifies the key management configuration options. The following operations are supported:

- GET
- PATCH

Examples

Retrieving cluster-level key manager configurations

The following example shows how to retrieve cluster-level manager configurations.

```
# The API:
GET /api/security/key-manager-configs

# The call:
curl -X GET 'https://<mgmt-ip>/api/security/key-manager-configs' -H
'accept: application/hal+json'

# The response:
{
  "cc_mode_enabled": false,
  "health_monitor_polling_interval": 15,
  "cloud_kms_retry_count": 3,
  "_links": {
    "self": {
      "href": "/api/security/key-manager-configs"
    }
  }
}
```

Updating the cluster-level key manager configurations

The following example shows how to modify the "health_monitor_polling_interval" and "cloud_kms_retry_count" fields.

```
# The API:
PATCH /api/security/key-manager-configs

# The call:
curl -X PATCH 'https://<mgmt-ip>/api/security/key-manager-configs' -H
'accept: application/hal+json' -d "{ \"health_monitor_polling_interval\" :
\"20\", \"cloud_kms_retry_count\" : \"5\" }"
```

Updating the cluster-level key manager configurations

The following example shows how to modify the "cc_mode".

```
# The API:
PATCH /api/security/key-manager-configs

# The call:
curl -X PATCH 'https://<mgmt-ip>/api/security/key-manager-configs' -H
'accept: application/hal+json' -d "{ \"cc_mode_enabled\" : \"true\",
\"passphrase\": \"current_passphrase\" }"
```

Retrieve key manager configurations

GET /security/key-manager-configs

Introduced In: 9.10

Retrieves key manager configurations.

Related ONTAP commands

- `security key-manager 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	self_link	
cc_mode_enabled	boolean	Indicates whether the Common Criteria Mode configuration is enabled.
cloud_kms_retry_count	integer	Cloud key manager connection retry count. Supported value range of 0-10.
health_monitor_polling_interval	integer	Health Monitor Polling Period, in minutes. Supported value range of 15-30 minutes.
passphrase	string	Current cluster-wide passphrase. This is a required field when setting the cc_mode_enabled field value to true. This is not audited.

Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "cloud_kms_retry_count": 3,
  "health_monitor_polling_interval": 20,
  "passphrase": "The cluster passphrase of length 64-256 ASCII
characters."
}
```

Error

Status: Default, Error

Name	Type	Description
error	returned_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	href	

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

Update key manager configurations

PATCH /security/key-manager-configs

Introduced In: 9.10

Updates key manager configurations.

Related ONTAP commands

- `security key-manager config modify`

Request Body

Name	Type	Description
cc_mode_enabled	boolean	Indicates whether the Common Criteria Mode configuration is enabled.
cloud_kms_retry_count	integer	Cloud key manager connection retry count. Supported value range of 0-10.
health_monitor_polling_interval	integer	Health Monitor Polling Period, in minutes. Supported value range of 15-30 minutes.
passphrase	string	Current cluster-wide passphrase. This is a required field when setting the cc_mode_enabled field value to true. This is not audited.

Example request

```
{
  "cloud_kms_retry_count": 3,
  "health_monitor_polling_interval": 20,
  "passphrase": "The cluster passphrase of length 64-256 ASCII
characters."
}
```

Response

Status: 200, Ok

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
65536139	Cluster-wide passphrase is incorrect.

Error Code	Description
65536805	Common Criteria Mode requires an effective cluster version of ONTAP 9.4 or later.
65536806	Passphrase length error.
65536807	MetroCluster cannot be configured while in Common Criteria mode.
65536809	Common Criteria mode is disabled on the cluster. Contact technical support for assistance in enabling Common Criteria mode.
65537301	The Onboard Key Manager is not enabled.
65537302	The passphrase field is required when changing cc_mode_enabled to true.
65537303	Modifying polling period requires an effective cluster version of ONTAP 9.10 or later.
65537304	Unable to modify polling period because no external key management is configured on the cluster.
65538404	Modifying cloud keymanager retry count requires an effective cluster version of ONTAP 9.11 or later.

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

Definitions

See Definitions

href

Name	Type	Description
href	string	

self_link

key_manager_config

Manages the various key manager configuration options.

Name	Type	Description
cc_mode_enabled	boolean	Indicates whether the Common Criteria Mode configuration is enabled.
cloud_kms_retry_count	integer	Cloud key manager connection retry count. Supported value range of 0-10.
health_monitor_polling_interval	integer	Health Monitor Polling Period, in minutes. Supported value range of 15-30 minutes.
passphrase	string	Current cluster-wide passphrase. This is a required field when setting the cc_mode_enabled field value to true. This is not audited.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code

Name	Type	Description
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.