



# **View and update key manager configurations**

## REST API reference

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# 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

### 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	<a href="#">self_link</a>	
cc_mode_enabled	boolean	Indicates whether the Common Criteria Mode configuration is enabled.
health_monitor_polling_interval	integer	Health Monitor Polling Period, in minutes. Supported value range of 15-30 minutes.

Name	Type	Description
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"
    }
  },
  "health_monitor_polling_interval": 20,
  "passphrase": "The cluster passphrase of length 64-256 ASCII
  characters."
}
```

### 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	href	

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

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.
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

```
{  
  "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.
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.

Error Code	Description
65536809	Common Criteria mode is disabled on the cluster. Contact technical support for assistance in enabling Common Criteria mode.
65537302	The passphrase field is required when changing cc_mode_enabled to true.
65537304	Unable to modify polling period because no external key management is configured on the cluster.

## Definitions

## See Definitions

href

Name	Type	Description
href	string	

self\_link

key\_manager\_config

Manages the various keymanager configuration options.

Name	Type	Description
cc_mode_enabled	boolean	Indicates whether the Common Criteria Mode configuration is enabled.
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

error

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

Name	Type	Description
target	string	The target parameter that caused the error.

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