



# **Manage security-related operations**

## **ONTAP 9.7 REST API reference**

NetApp  
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# Manage security-related operations

## Security endpoint overview

### Overview

This API returns an object 'onboard\_key\_manager\_configurable\_status' which details whether the Onboard Key Manager can be configured on the cluster or not.

### Examples

#### Retrieving information about the security configured on the cluster

The following example shows how to retrieve the key manager configuration of the cluster.

```
# The API:
GET /api/security:

# The call:
curl -X GET 'https://<mgmt-ip>/api/security?fields=*' -H 'accept:
application/hal+json'

# The response:
{
  {
    "onboard_key_manager_configurable_status": {
      "supported": "false",
      "message": "Onboard Key Manager cannot be configured on the cluster.
There are no self-encrypting disks in the cluster, and the following nodes
do not support volume granular encryption: ntap-vsim2.",
      "code": 65537300
    },
  },
}
```

...

```
[[ID5e142aafa89de296b82d5b3bc9190225]]
= Retrieve information about security configured on the cluster
```

```
[.api-doc-operation .api-doc-operation-get]#GET# [.api-doc-code-  
block]#`/security`#
```

Retrieves information about the security configured on the cluster.

== Learn more

\* xref:{relative\_path}security\_overview.html[DOC /security]

== Parameters

```
[cols=5*,options=header]
```

```
|===
```

```
|Name
```

```
|Type
```

```
|In
```

```
|Required
```

```
|Description
```

```
|max_records
```

```
|integer
```

```
|query
```

```
|False
```

```
a|Limit the number of records returned.
```

```
|return_records
```

```
|boolean
```

```
|query
```

```
|False
```

```
a|The default is true for GET calls. When set to false, only the number  
of records is returned.
```

```
|return_timeout
```

```
|integer
```

```
|query
```

```
|False
```

```
a|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
a|Order results by specified fields and optional [asc|desc] direction.
Default direction is 'asc' for ascending.
```

```
|fields
|array[string]
|query
|False
a|Specify the fields to return.
```

```
|===
```

```
== Response
```

Status: 200, Ok

```

[cols=3*,options=header]
|===
|Name
|Type
|Description

|_links
|link:#_links[_links]
a|

|onboard_key_manager_configurable_status
|link:#onboard_key_manager_configurable_status[onboard_key_manager_configurable_status]
a|Indicates whether the Onboard Key Manager can be configured in the cluster.

|===

.Example response
[%collapsible%closed]
=====
[source,json,subs=+macros]
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "onboard_key_manager_configurable_status": {
    "code": 65537300,
    "message": "No platform support for volume encryption in following nodes - node1, node2."
  }
}
=====

== Error

```

Status: Default, Error

```

[cols=3*,options=header]
|===
|Name

```

```

|Type
|Description

|error
|link:#error[error]
a|

|===

.Example error
[%collapsible%closed]
====
[source,json,subs=+macros]
{
  "error": {
    "arguments": {
      "code": "string",
      "message": "string"
    },
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
====

== Definitions

[.api-def-first-level]
.See Definitions
[%collapsible%closed]
//Start collapsible Definitions block
====
[#href]
[.api-collapsible-fifth-title]
href

[cols=3*,options=header]
|===
|Name
|Type
|Description

|href
|string

```

```

a|

|===

[#_links]
[.api-collapsible-fifth-title]
_links

[cols=3*,options=header]
|===
|Name
|Type
|Description

|self
|link:#href[href]
a|

|===

[#onboard_key_manager_configurable_status]
[.api-collapsible-fifth-title]
onboard_key_manager_configurable_status

Indicates whether the Onboard Key Manager can be configured in the
cluster.

[cols=3*,options=header]
|===
|Name
|Type
|Description

|code
|integer
a|Code corresponding to the status message. Returns a 0 if the Onboard Key
Manager can be configured in the cluster.

|message
|string
a|Reason that Onboard Key Manager cannot be configured in the cluster.

```



```

|supported
|boolean
a|Set to true if the Onboard Key Manager can be configured in the cluster.

|===

[#error_arguments]
[.api-collapsible-fifth-title]
error_arguments

[cols=3*,options=header]
|===
|Name
|Type
|Description

|code
|string
a|Argument code

|message
|string
a|Message argument

|===

[#error]
[.api-collapsible-fifth-title]
error

[cols=3*,options=header]
|===
|Name
|Type
|Description

|arguments
|array[link:#error_arguments[error_arguments]]
a|Message arguments

|code

```

```

|string
a|Error code

|message
|string
a|Error message

|target
|string
a|The target parameter that caused the error.

```

```

|===

```

```

//end collapsible .Definitions block
====

```

```

:leveloffset: -1

```

```

:leveloffset: -1

```

```

<<<

```

```

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```

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