



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-vsिम2.",
      "code": 65537300
    },
  },
}
```

...

```
[[ID7d7901cf57924de519c5dc1cb391e29d]]
= 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
```

```
<<<
```

```
*Copyright information*
```

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