



security cryptomod-fips commands

ONTAP 9.15.1 commands

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security cryptomod-fips commands

security cryptomod-fips show

Display the status of cryptomod-fips

Availability: This command is available to *cluster* administrators at the *admin* privilege level.

Description

This command displays information about the status of the cryptomod FIPS module. By default, this command displays the following information:

- Node name
- FIPS version
- Module version
- FIPS state
- Boolean indicating if module is a user-space module
- Boolean indicating if module is operating in FIPS mode
- Boolean indicating if module is currently under validation

Parameters

{ [-fields <fieldname>,...]

If you specify the `-fields <fieldname>`, ... parameter, the command output also includes the specified field or fields. You can use `'-fields ?'` to display the fields to specify.

| [-instance] }

If you specify the `-instance` parameter, the command displays detailed information about all fields.

[-node {<nodename>|local}] - Node

Selects the nodes that match this parameter value.

[-fips-state-text <text>] - FIPS State

Shows the FIPS state of the module.

- POWER ON STATE
- SELF-TEST STATE
- ERROR STATE
- OPERATE STATE
- POWER OFF STATE

[-fips-version <text>] - FIPS Version

Shows the FIPS version.

[-module-version <text>] - Module Version

Shows the cryptomod FIPS module version.

[-is-user-space-module {true|false}] - Is User Space Module?

True if the module is a user-space module.

[-is-fips-enabled {true|false}] - Is FIPS Mode Enabled?

True if the module is operating in FIPS mode.

[-is-iut-enabled {true|false}] - Is an IUT Module Enabled?

True if the module is currently under validation.

Examples

```
cluster1::> security cryptomod-fips show
Node   FIPS           FIPS    Module
      State       Version  Version
-----
node-1 OPERATE STATE   140-2   2.2
node-2 OPERATE STATE   140-2   2.2
```

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