



storage raid-options commands

ONTAP 9.7 commands

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Table of Contents

- storage raid-options commands 1
- storage raid-options modify 1
- storage raid-options show 1

storage raid-options commands

storage raid-options modify

Modify a RAID option

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

Description

The `storage raid-options modify` command is used to modify the available RAID options for each node in a cluster. The options are described in the `storage raid-options` manual page.

Parameters

-node {<nodename>|local} - Node

This parameter specifies the node on which the RAID option is to be modified.

-name <text> - Option Name

This parameter specifies the RAID option to be modified. To see the list of RAID options that can be modified, use the [storage raid-options show](#) command.

[-value <text>] - Option Value

This parameter specifies the value of the selected RAID option.

Related Links

- [storage raid-options show](#)

storage raid-options show

Display RAID options

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

Description

The `storage raid-options show` command displays information about all the RAID options in a cluster. The options are described in the `storage raid-options` manual page.

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 information about all the RAID options on the specified node.

[-name <text>] - Option Name

Selects information about the RAID options that have the specified name.

[-value <text>] - Option Value

Selects information about all the RAID options that have the specified value.

[-recommended-value <text>] - Recommended Value

Selects information about all the RAID options that have the specified recommended value.

[-constraint <text>] - Option Constraint

Selects information about all the RAID options that have the specified constraint. The 'constraint' field indicates the expected setting for a RAID option across both nodes of an HA pair. The possible values are:

- *none* - no constraint on the value of this RAID option; nodes can have different values
- *same_preferred* - the same value should be used on both nodes of an HA pair, otherwise the next takeover may not function correctly
- *same_required* - the same value must be used on both nodes of an HA pair, otherwise the next takeover will not function correctly
- *only_one* - the same value should be used on both nodes of an HA pair. If the values are different and a takeover is in progress, the value of the RAID option on the node that is taking over will be used
- *unknown* - no information about constraints for this RAID option

Examples

The following example shows the RAID scrub settings for a node named node1:

```
cluster1::> storage raid-options show -node node1 -name raid.scrub*
Node      Option                               Current      Recommended
Constraint Value                                Value
-----
node1     raid.scrub.perf_impact               low          low
only_one
node1     raid.scrub.enable                    on           off
none
2 entries were displayed.
```

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