storage raid-options commands
ONTAP 9.13.1 commands

NetApp
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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*
```

<table>
<thead>
<tr>
<th>Node</th>
<th>Option</th>
<th>Current Value</th>
<th>Recommended Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>node1</td>
<td>raid.scrub.perf_impact</td>
<td>low</td>
<td>low</td>
</tr>
<tr>
<td></td>
<td>only_one</td>
<td></td>
<td></td>
</tr>
<tr>
<td>node1</td>
<td>raid.scrub.enable</td>
<td>on</td>
<td>off</td>
</tr>
<tr>
<td>none</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2 entries were displayed.