



# **storage raid-options commands**

## **ONTAP 9.15.1 commands**

NetApp  
December 18, 2024

# 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.
```

## Copyright information

Copyright © 2024 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

## Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.