



lun persistent-reservation commands

ONTAP 9.3 commands

NetApp
September 27, 2022

Table of Contents

- lun persistent-reservation commands 1
- lun persistent-reservation clear 1
- lun persistent-reservation show 1

lun persistent-reservation commands

lun persistent-reservation clear

Clear the SCSI-3 persistent reservation information for a given LUN

Availability: This command is available to *cluster* and *Vserver* administrators at the *advanced* privilege level.

Description

Clears the persistent reservation for the specified LUN.



This command is not supported for a Vserver with Infinite Volume.

Parameters

-vserver <Vserver Name> - Vserver Name

Specifies the Vserver.

{ -path <path> - LUN Path

Specifies the path of the LUN. Examples of correct LUN paths are */vol/vol1/lun1* and */vol/vol1/qtreen1/lun1*.

| -volume <volume name> - Volume Name

Specifies the volume.

-lun <text> - LUN Name

Specifies the name of the LUN.

[-qtree <qtree name>] - Qtree Name }

Specifies the qtree.

Examples

```
cluster1::*> lun persistent-reservation clear -vserver vs_1 -path  
/vol/vol_1/lun_1
```

Clears the persistent reservation data for lun *lun_1* in volume *vol_1* for Vserver *vs_1*.

lun persistent-reservation show

Display the current reservation information for a given LUN

Availability: This command is available to *cluster* and *Vserver* administrators at the *advanced* privilege level.

Description

Displays reservation information for a specified LUN in a Vserver. Unlike other show commands, the user must specify the LUN.

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.

-vserver <Vserver Name> - Vserver Name

Specifies the Vserver.

{ -path <path> - LUN Path

Specifies the path of the LUN. Examples of correct LUN paths are `/vol/vol1/lun1` and `/vol/vol1/qtree1/lun1`.

| -volume <volume name> - Volume Name

Specifies the volume.

-lun <text> - LUN Name

Specifies the name of the LUN.

[-qtree <qtree name>] - Qtree Name }

Specifies the qtree.

[-scsi-revision {scsi2|scsi3}] - SCSI Revision

Selects the reservations that match this parameter value.

[-entry-type {reservation|registration}] - Reservation or Registration

Selects the reservations that match this parameter value.

[-protocol {fcp|iscsi}] - Protocol

Selects the reservations that match this parameter value.

[-reservation-key <text>] - Reservation Key

Selects the reservations that match this parameter value.

[-reservation-type-code <text>] - Reservation Type

Selects the reservations that match this parameter value. The possible values for SCSI-3 reservations are:

- write exclusive
- exclusive access
- write exclusive registrants only

- exclusive access registrants only
- write exclusive all registrants
- exclusive access all registrants

and for SCSI-2 are:

- regular
- third party

[-initiator-name <text>] - Initiator Name

Selects the reservations that match this parameter value.

[-aptpl {true|false}] - Persist Through Power Loss

Selects the reservations that match this parameter value. If `true`, the reservation will be preserved over a power loss. If `false`, it will not. This value is for SCSI-3 reservations only.

[-target-wwpn <text>] - FCP Target WWPN

Selects the reservations that match the specified World Wide Port Name (WWPN).

[-isid <text>] - Initiator Session ID

Selects the reservations that match this parameter value.

[-tpgroup-tag <integer>] - TPGroup Tag

Selects the reservations that match the specified target portal group tag. The tag identifies the tpgroup the reservation was made over.

[-third-party-initiator-name <text>] - Third Party Initiator Name

Selects the reservations that match this parameter value (the initiator name that the reservation was made for). This is specific to third party reservation types, which is indicated by reservation-type-code.

Examples

```
cluster1::*> lun persistent-reservation show -vserver vs_1
/vol/vol_1/lun_1
      Key                               Protocol Type                               Initiator Name
-----
APTPL: true
a0:00:00:00:00:00:00:01 iscsi   write exclusive   iqn.1993-
08.org.debian:01:fa752b8a5a3a
a0:00:00:00:00:00:00:01 iscsi   -                 iqn.1993-
08.org.debian:01:fa752b8a5a3a
2 entries were displayed.
```

The example above displays the current reservations for lun_1 on Vserver vs_1.

Copyright Information

Copyright © 2022 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.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

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.