



lun persistent-reservation commands

Command reference

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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.

Parameters

-vserver <Vserver Name> - Vserver Name (privilege: advanced)

Specifies the Vserver.

{ -path <path> - LUN Path (privilege: advanced)

Specifies the path of the LUN. Examples of correct LUN paths: */vol/vol1/lun1* and */vol/vol1/qtree1/lun1*

| -volume <volume name> - Volume Name (privilege: advanced)

Specifies the volume.

-lun <text> - LUN Name (privilege: advanced)

Specifies the name of the LUN.

[-qtree <qtree name>] - Qtree Name (privilege: advanced) }

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] (privilege: advanced) }`

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

`-vserver <Vserver Name> - Vserver Name (privilege: advanced)`

Specifies the Vserver.

`{ -path <path> - LUN Path (privilege: advanced)`

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

`| -volume <volume name> - Volume Name (privilege: advanced)`

Specifies the volume.

`-lun <text> - LUN Name (privilege: advanced)`

Specifies the name of the LUN.

`[-qtree <qtree name>] - Qtree Name (privilege: advanced) }`

Specifies the qtree.

`[-scsi-revision {scsi2|scsi3}] - SCSI Revision (privilege: advanced)`

Selects the reservations that match this parameter value.

`[-entry-type {reservation|registration}] - Reservation or Registration (privilege: advanced)`

Selects the reservations that match this parameter value.

`[-protocol {fcp|iscsi}] - Protocol (privilege: advanced)`

Selects the reservations that match this parameter value.

`[-reservation-key <text>] - Reservation Key (privilege: advanced)`

Selects the reservations that match this parameter value.

`[-reservation-type-code <text>] - Reservation Type (privilege: advanced)`

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 (privilege: advanced)

Selects the reservations that match this parameter value.

[-aptpl {true|false}] - Persist Through Power Loss (privilege: advanced)

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.

[-rtpid <integer>] - Relative Target Port ID (privilege: advanced)

Selects the reservations that match the specified Relative Target Port ID (RTPID). This applies to SCSI-3 reservations only.

[-target-wwpn <text>] - FCP Target WWPN (privilege: advanced)

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

[-isid <text>] - Initiator Session ID (privilege: advanced)

Selects the reservations that match this parameter value.

[-tpgroup-tag <integer>] - TPGGroup Tag (privilege: advanced)

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 (privilege: advanced)

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.

[-zrto-status {none|primary-out-of-sync|primary-in-sync|secondary-out-of-sync|secondary-in-sync}] - ZRTO Status (privilege: advanced)

Selects the reservations that match this parameter value.

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.

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