



# **lun persistent-reservation commands**

ONTAP 9.15.1 commands

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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 are `/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 ] }**

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 are `/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>] - TPGroup 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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