



# **snapmirror mediator commands**

## ONTAP commands

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# snapmirror mediator commands

## snapmirror mediator add

Create mediator config entry

**Availability:** This command is available to *cluster* administrators at the *admin* privilege level.

### Description

The `snapmirror mediator add` command configures the connection between a pair of clusters and a mediator. This configuration is used only when a pair of clusters have SnapMirror relationships of type AutomatedFailOver.

### Parameters

#### **-mediator-address <IP Address> - Mediator Ip Address**

Specifies the IP address of the mediator.

#### **-peer-cluster <text> - Peer cluster**

Peer cluster with AutomatedFailOver SnapMirror relationships.

#### **-username <text> - Username**

User account at the mediator.

#### **[-port-number <integer>] - Port Number**

This optional parameter specifies the mediator service port number to communicate with the mediator. The port number must be in the range 1025 to 65535 inclusive. The default port number is 31784.

### Examples

The following example configures the connection between a mediator and a pair of clusters.

```
clusA::> snapmirror mediator add -mediator-address 10.234.102.227 -peer
-cluster clusB -username admin
Notice: Enter the mediator password.
Enter the password:
      Enter the password again:
Info: [Job: 114] 'mediator add' job queued
```

## snapmirror mediator remove

Remove mediator config entry

**Availability:** This command is available to *cluster* administrators at the *admin* privilege level.

## Description

The `snapmirror mediator remove` command deletes a mediator configuration entry.

## Parameters

**-mediator-address <IP Address>** - Mediator IP Address

Specifies the IP address of the mediator.

**-peer-cluster <text>** - Peer cluster

Peer cluster with AutomatedFailOver SnapMirror relationships.

## Examples

The following example removes a mediator configuration entry.

```
clusA::> snapmirror mediator remove -mediator-address 10.140.102.227 -peer
-cluster clusB
Info: [Job 36] 'mediator remove' job queued
```

## snapmirror mediator show

Show mediator information

**Availability:** This command is available to *cluster* administrators at the *admin* privilege level.

## Description

The `snapmirror mediator show` command retrieves the list of mediator configurations.

## 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.

**[-mediator-address <IP Address>]** - Mediator IP Address

Ip address of the mediator.

**[-peer-cluster <text>] - Peer Cluster Name**

Peer cluster name.

**[-connection-status**

{connected|unreachable|suspended|unusable|misconfigured|removing|not-configured|unknown|adding}] - Connection Status

Connection status of the cluster with the mediator.

**[-quorum-status {unknown|true|false}] - Mediator Quorum Status**

Shows whether the SnapMirror Consistency Group relationships are synchronized with mediator.

**[-health-fetch-timeout <integer>] - Peer Health Fetch Timeout**

Timeout value (in seconds) for peer-cluster health fetch via mediator.

**[-connection-timeout <integer>] - Connection Timeout**

Timeout value (in seconds) for mediator connection.

## Examples

The following example shows the list of mediator configurations.

```
clusA::*> snapmirror mediator show
  Mediator Address Peer Cluster      Connection Status Quorum Status
  -----
  10.140.102.227  clusB          unreachable      true
clusA::*> snapmirror mediator show -instance
Mediator Uuid: 416fbdee-c982-11e9-9034-005056a7124c
  Mediator IP Address: 10.140.102.227
  Peer Cluster: clusB
  Peer Cluster Uuid: 771d9b13-c973-11e9-928e-005056a7a882
  Connection Status: unreachable
  Quorum Status: true
  Health Fetch Timeout: 5
  Connection Timeout: 5
```

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