



升級 **ONTAP** 中介器

ONTAP Mediator

NetApp
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升級 ONTAP 中介器

升級 ONTAP 中介器

若要將 ONTAP Mediator 升級至較新版本而不升級主機作業系統，請下載新版本的安裝套件，並在已安裝 ONTAP Mediator 的主機上執行安裝程式。



如果您需要將主機作業系統升級至新版本，並在此過程中重新安裝或升級 ONTAP Mediator，請改為參閱 ["升級主機作業系統和 ONTAP Mediator"](#)。

開始之前

- 請確認您的主機符合 ["準備安裝 ONTAP Mediator"](#) 中所述的先決條件，包括主機、防火牆和作業系統要求。
- 下載新版本的安裝套件。請參閱["下載 ONTAP Mediator 安裝套件"](#)。
- NetApp 建議驗證新安裝套件的程式碼簽署。請參閱 ["驗證 ONTAP Mediator 安裝套件的程式碼簽署"](#)。

關於此任務

升級 ONTAP Mediator 前，請先查看以下資訊。

- 您應該將 ONTAP Mediator 升級到最新版本。舊版仍然可以與所有 ONTAP 版本相容，但新版本包含針對第三方元件的安全性修補程式。
- 當您升級到包含 SCST 套件的新 ONTAP Mediator 版本時，安裝程式會自動升級到建議的 SCST 版本，除非有更高版本可用。有關手動安裝更高 SCST 版本的說明，請參閱["維護 ONTAP Mediator 的主機作業系統"](#)。有關支援的版本，請參閱["SCST 支援對照表"](#)。



- 如果升級失敗，您可能需要嘗試使用更新版本的 ONTAP Mediator。

- 自 2025 年 6 月 15 日起，您將無法安裝或升級 ONTAP Mediator 1.9 和 1.8，因為它們的程式碼簽署憑證已過期。如果升級失敗，請改用 ONTAP Mediator 1.9.1 修補程式版本。

- 從 ONTAP 9.19.1 和 ONTAP Mediator 1.12 開始，您可以選擇安裝支援 iSCSI 和 HTTPS 的 ONTAP Mediator，或僅支援 HTTPS 的 ONTAP Mediator。如果您選擇僅安裝支援 HTTPS 的 ONTAP Mediator，則不會安裝 SCST 軟體套件。
- 如果您從安裝了 SCST 的 ONTAP Mediator 1.11 或更早版本升級，並且在升級過程中選擇僅 HTTPS 選項，則 SCST 軟體包將被卸載，新的 ONTAP Mediator 版本將不包含 SCST 軟體包。
- 如果您打算使用 ONTAP Mediator 監控多個 MetroCluster IP 組態，支援取決於您的 Mediator 類型、ONTAP 版本和作業系統。如需詳細資訊，請參閱["使用 ONTAP Mediator 監控多個 MetroCluster IP 組態"](#)。
- 僅支援 HTTPS 的 ONTAP Mediator 安裝方式適用於下列使用情境：
 - 您計劃僅使用 ONTAP Mediator 來監控您的 SnapMirror active sync 叢集。
 - 您計劃設定 ONTAP Mediator 與 HTTPS 以監控一個或多個 MetroCluster IP 組態。
- 在下列情況下，必須安裝支援 iSCSI 和 HTTPS 的 ONTAP Mediator：
 - 您計劃設定 ONTAP Mediator 與 iSCSI 來監控一個或多個 MetroCluster IP 組態。
- 當您針對現有的 ONTAP Mediator 安裝執行安裝程式時，它會偵測目前版本並提示您確認升級：

ONTAP Mediator will be upgraded from version <current-version> to <new-version>.

Do you wish to continue? Y(es)/n(o):

- 作為升級的一部分，安裝程式會擷取升級前組態的支援套裝組合，並在升級 ONTAP Mediator 軟體之前遷移資料庫。
- 對於自動化使用案例，您可以使用 `./ontap-mediator-1.12.1/ontap-mediator-1.12.1 -y` 命令來跳過安裝程式提示。

步驟

1. 執行新版本的安裝程式，並視需要回應提示：

```
./ontap-mediator-1.12.1/ontap-mediator-1.12.1
```



若要在升級過程中跳過簽署檢查，請使用 `./ontap-mediator-1.12.1/ontap-mediator-1.12.1 --skip-code-signature-check` 命令

安裝程式會偵測現有安裝並提示您進行升級，然後安裝所需的軟體套件並遷移您的組態。

▼ 支援 HTTPS 和 iSCSI 的 ONTAP Mediator 升級範例（主控台輸出）

```
[root@mediator_host ~]# ontap-mediator-1.11.0/ontap-mediator-1.11.0

ONTAP Mediator: Self Extracting Installer

+ Extracting the ONTAP Mediator installation/upgrade archive
+ Performing the ONTAP Mediator run-time code signature check
  Using openssl from the path: /usr/bin/openssl configured for
  CApath:/etc/pki/tls
+ Unpacking the ONTAP Mediator installer
ONTAP Mediator requires two user accounts. One for the service
(netapp), and one for use by ONTAP to the mediator API
(mediatoradmin).
Using default account names: netapp + mediatoradmin

Enter ONTAP Mediator user account (mediatoradmin) password:

Re-Enter ONTAP Mediator user account (mediatoradmin) password:

+ Checking if SELinux is in enforcing mode

+ Checking for default Linux firewall
```

+ Installing required packages.

Last metadata expiration check: 0:03:56 ago on Mon 20 Apr 2026
02:49:08 PM EDT.

Package openssl-1:3.5.1-7.el9_7.x86_64 is already installed.

Package openssl-devel-1:3.5.1-7.el9_7.x86_64 is already installed.

Package kernel-devel-5.14.0-611.45.1.el9_7.x86_64 is already
installed.

Package kernel-modules-core-5.14.0-611.45.1.el9_7.x86_64 is already
installed.

Package gcc-11.5.0-11.el9.x86_64 is already installed.

Package make-1:4.3-8.el9.x86_64 is already installed.

Package which-2.21-30.el9_6.x86_64 is already installed.

Package libselinux-utils-3.6-3.el9.x86_64 is already installed.

Package patch-2.7.6-16.el9.x86_64 is already installed.

Package perl-Data-Dumper-2.174-462.el9.x86_64 is already installed.

Package perl-ExtUtils-MakeMaker-2:7.60-3.el9.noarch is already
installed.

Package bzip2-1.0.8-10.el9_5.x86_64 is already installed.

Package efibootmgr-16-12.el9.x86_64 is already installed.

Package mokutil-2:0.7.2-1.el9.x86_64 is already installed.

Package python3-pip-21.3.1-1.el9.noarch is already installed.

Package elfutils-libelf-devel-0.193-1.el9.x86_64 is already installed.

Package policycoreutils-python-utils-3.6-3.el9.noarch is already
installed.

Package python3.12-3.12.12-4.el9_7.2.x86_64 is already installed.

Package python3.12-devel-3.12.12-4.el9_7.2.x86_64 is already
installed.

Dependencies resolved.

Nothing to do.

Complete!

OS package installations finished

+ Installing ONTAP Mediator. (Log: /root/ontap_mediator.uigddi/ontap-
mediator-1.11.0/ontap-mediator-1.11.0/install_20260420145003.log)

This step will take several minutes. Use the log file to view
progress.

Sudoer config verified

ONTAP Mediator rsyslog and logging rotation enabled

+ Install successful. (Moving log to

/opt/netapp/lib/ontap_mediator/log/install_20260420145003.log)

```
+ Note: ONTAP Mediator generated a self-signed server certificate for
temporary use on
    this host. If the DNS name or IP address for the host is changed,
the certificate
    will no longer be valid. The default certificates should be
replaced with secure
    trusted certificates signed by a known certificate authority prior
to use for production.
    For more information, see /opt/netapp/lib/ontap_mediator/README

+ Note: ONTAP Mediator uses a kernel module compiled specifically for
the current
    OS. Using 'yum update' to upgrade the kernel might cause
service interruption.
    For more information, see /opt/netapp/lib/ontap_mediator/README
[root@mediator_host ~]# ontap-mediator-1.12.1/ontap-mediator-1.12.1
```

ONTAP Mediator: Self Extracting Installer

```
+ Extracting the ONTAP Mediator installation/upgrade archive
+ Performing the ONTAP Mediator run-time code signature check
    Using openssl from the path: /usr/bin/openssl configured for
CApath:/etc/pki/tls
+ Unpacking the ONTAP Mediator installer
+ ONTAP_MEDIATOR_INSTALL_HTTPS_ONLY is set to '0', args are: ''
+ Starting ONTAP Mediator install/update process: previous
installation_mode is ''
```

```
ONTAP Mediator can be installed with iSCSI and HTTPS support, or
support for HTTPS only.
Do you wish to install ONTAP Mediator with iSCSI and HTTPS support?
Y(es)/n(o): yes
ONTAP Mediator will be installed with mode: ISCSI_HTTPS
+ Selected install package mode: ISCSI_HTTPS
ONTAP Mediator will be upgraded from version 1.11.0 to 1.12.1.
```

```
Do you wish to continue? Y(es)/n(o): yes
Capturing support_bundle to save pre-upgrade configuration. API
Credentials are required.
    Mediator API User Name: mediatoradmin
        Password: Running plugins, please wait...
```

```
Creating tar archive...
```

```

Support bundle has been generated at
/opt/netapp/data/support_bundles/scs001097036-1_1776711598_BASIC.tgz
Testing the DB can be upgraded
Cloning database...
Cloning successful.
Verifying database is up-to-date...
Database out-of-date.Migrations are necessary:
Current revision: 0d5dcf349b27, Head revision: 758e4873c40d
Performing database migrations against clone...
Migrations successful.
Database upgrade operation complete.
+ Adding python312 specific packages
+ Upgrading ONTAP Mediator. (Log: /root/ontap_mediator.gwaGmU/ontap-
mediator-1.12.1/ontap-mediator-1.12.1/upgrade_20260420145942.log)

+ Note: ONTAP Mediator generated a self-signed server certificate for
temporary use on
    this host. If the DNS name or IP address for the host is changed,
the certificate
    will no longer be valid. The default certificates should be
replaced with secure
    trusted certificates signed by a known certificate authority prior
to use for production.
    For more information, see /opt/netapp/lib/ontap_mediator/README

+ Note: ONTAP Mediator uses a kernel module compiled specifically for
the current
    OS. Using 'yum update' to upgrade the kernel might cause
service interruption.
    For more information, see /opt/netapp/lib/ontap_mediator/README
[root@mediator_host ~]#

```

▼ 僅支援 HTTPS 的 ONTAP Mediator 升級範例（主控台輸出）

```

[root@mediator_host~]# ontap-mediator-1.11.0/ontap-mediator-1.11.0

ONTAP Mediator: Self Extracting Installer

+ Extracting the ONTAP Mediator installation/upgrade archive
+ Performing the ONTAP Mediator run-time code signature check
    Using openssl from the path: /usr/bin/openssl configured for
CApath:/etc/pki/tls
+ Unpacking the ONTAP Mediator installer
ONTAP Mediator requires two user accounts. One for the service
(netapp), and one for use by ONTAP to the mediator API
(mediatoradmin).

```

Using default account names: netapp + mediatoradmin

Enter ONTAP Mediator user account (mediatoradmin) password:

Re-Enter ONTAP Mediator user account (mediatoradmin) password:

+ Checking if SELinux is in enforcing mode

+ Checking for default Linux firewall

+ Installing required packages.

Last metadata expiration check: 0:33:41 ago on Tue 21 Apr 2026
10:48:35 AM EDT.

Package openssl-1:3.5.1-7.el9_7.x86_64 is already installed.

Package openssl-devel-1:3.5.1-7.el9_7.x86_64 is already installed.

Package kernel-devel-5.14.0-611.45.1.el9_7.x86_64 is already
installed.

Package kernel-modules-core-5.14.0-611.45.1.el9_7.x86_64 is already
installed.

Package gcc-11.5.0-11.el9.x86_64 is already installed.

Package make-1:4.3-8.el9.x86_64 is already installed.

Package which-2.21-30.el9_6.x86_64 is already installed.

Package libselinux-utils-3.6-3.el9.x86_64 is already installed.

Package patch-2.7.6-16.el9.x86_64 is already installed.

Package perl-Data-Dumper-2.174-462.el9.x86_64 is already installed.

Package perl-ExtUtils-MakeMaker-2:7.60-3.el9.noarch is already
installed.

Package bzip2-1.0.8-10.el9_5.x86_64 is already installed.

Package efibootmgr-16-12.el9.x86_64 is already installed.

Package mokutil-2:0.7.2-1.el9.x86_64 is already installed.

Package python3-pip-21.3.1-1.el9.noarch is already installed.

Package elfutils-libelf-devel-0.193-1.el9.x86_64 is already installed.

Package policycoreutils-python-utils-3.6-3.el9.noarch is already
installed.

Package python3.12-3.12.12-4.el9_7.2.x86_64 is already installed.

Package python3.12-devel-3.12.12-4.el9_7.2.x86_64 is already
installed.

Dependencies resolved.

Nothing to do.

```

Complete!
OS package installations finished
+ Installing ONTAP Mediator. (Log: /root/ontap_mediator.JclgnS/ontap-
mediator-1.11.0/ontap-mediator-1.11.0/install_20260421112205.log)
    This step will take several minutes. Use the log file to view
progress.
    Sudoer config verified
    ONTAP Mediator rsyslog and logging rotation enabled
+ Install successful. (Moving log to
/opt/netapp/lib/ontap_mediator/log/install_20260421112205.log)

+ Note: ONTAP Mediator generated a self-signed server certificate for
temporary use on
    this host. If the DNS name or IP address for the host is changed,
the certificate
    will no longer be valid. The default certificates should be
replaced with secure
    trusted certificates signed by a known certificate authority prior
to use for production.
    For more information, see /opt/netapp/lib/ontap_mediator/README

+ Note: ONTAP Mediator uses a kernel module compiled specifically for
the current
    OS. Using 'yum update' to upgrade the kernel might cause
service interruption.
    For more information, see /opt/netapp/lib/ontap_mediator/README
[root@mediator_host~]#
[root@mediator_host~]# tar -zxvf ontap-mediator-1.12.1.tgz
ontap-mediator-1.12.1/
ontap-mediator-1.12.1/csc-prod-chain-ONTAP-Mediator.pem
ontap-mediator-1.12.1/tsa-prod-ONTAP-Mediator.pem
ontap-mediator-1.12.1/csc-prod-ONTAP-Mediator.pem
ontap-mediator-1.12.1/tsa-prod-chain-ONTAP-Mediator.pem
ontap-mediator-1.12.1/ONTAP-Mediator-production.pub
ontap-mediator-1.12.1/ontap-mediator-1.12.1
ontap-mediator-1.12.1/ontap-mediator-1.12.1.sig
ontap-mediator-1.12.1/ontap-mediator-1.12.1.tsr
ontap-mediator-1.12.1/ontap-mediator-1.12.1.sig.tsr
[root@mediator_host~]#
[root@mediator_host~]# ontap-mediator-1.12.1/ontap-mediator-1.12.1
--https-only

ONTAP Mediator: Self Extracting Installer

+ Extracting the ONTAP Mediator installation/upgrade archive
+ Performing the ONTAP Mediator run-time code signature check

```

```
Using openssl from the path: /usr/bin/openssl configured for
CApath:/etc/pki/tls
+ Unpacking the ONTAP Mediator installer
+ ONTAP_MEDIATOR_INSTALL_HTTPS_ONLY is set to '1', args are: ''
+ Starting ONTAP Mediator install/update process: previous
installation_mode is ''
+ Selected install package mode: HTTPS_ONLY
ONTAP Mediator will be upgraded from version 1.11.0 to 1.12.1.
```

```
Do you wish to continue? Y(es)/n(o): yes
Capturing support_bundle to save pre-upgrade configuration. API
Credentials are required.
```

```
Mediator API User Name: mediatoradmin
```

```
Password: Running plugins, please wait...
```

```
Creating tar archive...
Support bundle has been generated at
/opt/netapp/data/support_bundles/scs001097036-1_1776785423_BASIC.tgz
Testing the DB can be upgraded
Cloning database...
Cloning successful.
Verifying database is up-to-date...
Database out-of-date.Migrations are necessary:
Current revision: 0d5dcf349b27, Head revision: 758e4873c40d
Performing database migrations against clone...
Migrations successful.
Database upgrade operation complete.
+ Adding python312 specific packages
+ Upgrading ONTAP Mediator. (Log: /root/ontap_mediator.cRy0mN/ontap-
mediator-1.12.1/ontap-mediator-1.12.1/upgrade_20260421113003.log)
fapolicyd not installed or no rules.d directory found, skipping
fapolicyd configuration
ONTAP Mediator rsyslog and logging rotation enabled
+ Upgrade successful. (Moving log to
/opt/netapp/lib/ontap_mediator/log/upgrade_20260421113003.log)\n
```

```
+ Note: ONTAP Mediator generated a self-signed server certificate for
temporary use on
this host. If the DNS name or IP address for the host is changed,
the certificate
will no longer be valid. The default certificates should be
replaced with secure
trusted certificates signed by a known certificate authority prior
to use for production.
```

```
For more information, see /opt/netapp/lib/ontap_mediator/README

+ Note: ONTAP Mediator uses a kernel module compiled specifically for
the current
    OS. Using 'yum update' to upgrade the kernel might cause
service interruption.
    For more information, see /opt/netapp/lib/ontap_mediator/README

[root@mediator_host ~]#
```

升級主機作業系統並重新安裝或升級 ONTAP Mediator

若要將安裝了 SCST 的 ONTAP Mediator 的主機作業系統升級到更高版本,必須先解除安裝 ONTAP Mediator。作業系統升級後,您可以重新安裝目前版本的 ONTAP Mediator 或升級到更新的版本。

關於此任務

- 此任務適用於已安裝 SCST 的 ONTAP Mediator 版本。如果您安裝的是僅支援 HTTPS 的 ONTAP Mediator 1.12 或更高版本,則 SCST 軟體包未安裝,您可以升級主機作業系統而不會影響 ONTAP Mediator。有關作業系統升級說明,請參閱主機作業系統供應商的文件。
- 如果您只需要將主機作業系統核心更新到支援的版本,而無需升級到新的作業系統版本,請改為參閱 ["維護 ONTAP Mediator 的主機作業系統"](#)。
- 在使用 leapp-upgrade 工具升級 ONTAP Mediator 的主機作業系統之前, ["解除安裝 ONTAP Mediator"](#)。該工具會檢查已註冊儲存庫中是否有新的 RPM 版本。
- ONTAP Mediator 安裝程式會安裝一個 .rpm 檔案, leapp-upgrade 工具會將其包含在搜尋範圍內。由於安裝程式會解壓縮該檔案,而不是從已註冊的儲存庫下載,因此該工具找不到升級。您必須使用 leapp-upgrade 工具來解除安裝該套件。

步驟

1. 備份日誌檔案：

```
[root@mediator-host ~]# tar -czf ontap_mediator_file_backup.tgz -C
/opt/netapp/lib/ontap_mediator ./log
./ontap_mediator/server_config/ontap_mediator.user_config.yaml
[root@mediator-host ~]# tar -tf ontap_mediator_file_backup.tgz
./log/
./log/ontap_mediator.log
./log/scstadmin.log
./log/ontap_mediator_stdout.log
./log/ontap_mediator_requests.log
./log/install_20230419134611.log
./log/scst.log
./log/ontap_mediator_syslog.log
./ontap_mediator/server_config/ontap_mediator.user_config.yaml
```

```
[rootmediator-host ~]#
```

2. 使用 leapp-upgrade 工具執行升級：

```
[rootmediator-host ~]# leapp preupgrade --target 9.8
..<snip upgrade checks>..
..<fix issues found>..
[rootmediator-host ~]# leapp upgrade --target 9.8
..<snip upgrade>..
[rootmediator-host ~]# cat /etc/os-release | head -2
NAME="Red Hat Enterprise Linux"
VERSION="8.4 (Ootpa)"
[rootmediator-host ~]#
```

3. 重新安裝 ONTAP Mediator：



重新安裝 ONTAP Mediator 後，請立即執行其餘步驟，以防止日誌檔案遺失。

```
[rootmediator-host ~]# ontap-mediator-1.12.1/ontap-mediator-1.12.1

ONTAP Mediator: Self Extracting Installer

..<snip installation>..
[rootmediator-host ~]#
```

4. 停止 ontap_mediator：

```
[rootmediator-host ~]# systemctl stop ontap_mediator
[rootmediator-host ~]#
```

5. 取代記錄檔：

```
[rootmediator-host ~]# tar -xf ontap_mediator_file_backup.tgz -C
/opt/netapp/lib/ontap_mediator
[rootmediator-host ~]#
```

6. 啟動 ontap_mediator：

```
[rootmediator-host ~]# systemctl start ontap_mediator
[rootmediator-host ~]#
```

7. 將所有 ONTAP 叢集重新連接到升級後的 ONTAP 中介器：

MetroCluster 透過 IP

```
siteA::> metrocluster configuration-settings mediator show
Mediator IP      Port      Node      Configuration
Connection
Status          Status
-----
-----
172.31.40.122
31784      siteA-node2      true      false
           siteA-node1      true      false
           siteB-node2      true      false
           siteB-node2      true      false

siteA::> metrocluster configuration-settings mediator remove
Removing the mediator and disabling Automatic Unplanned Switchover. It
may take a few minutes to complete.
Please enter the username for the mediator: mediatoradmin
Please enter the password for the mediator:
Confirm the mediator password:
Automatic Unplanned Switchover is disabled for all nodes...
Removing mediator mailboxes...
Successfully removed the mediator.

siteA::> metrocluster configuration-settings mediator add -mediator
-address 172.31.40.122
Adding the mediator and enabling Automatic Unplanned Switchover. It may
take a few minutes to complete.
Please enter the username for the mediator: mediatoradmin
Please enter the password for the mediator:
Confirm the mediator password:
Successfully added the mediator.

siteA::> metrocluster configuration-settings mediator show
Mediator IP      Port      Node      Configuration
Connection
Status          Status
-----
-----
172.31.40.122
31784      siteA-node2      true      true
           siteA-node1      true      true
           siteB-node2      true      true
           siteB-node2      true      true
```

```
siteA::>
```

SnapMirror 主動同步

對於 SnapMirror 作用中同步，您無需重新安裝儲存在 /opt/netapp 之外的 TLS 憑證。備份並還原儲存在 /opt/netapp 中的憑證。

```
peer1::> snapmirror mediator show
Mediator Address Peer Cluster      Connection Status Quorum Status
-----
172.31.49.237    peer2              unreachable        true

peer1::> snapmirror mediator remove -mediator-address 172.31.49.237
-peer-cluster peer2

Info: [Job 39] 'mediator remove' job queued

peer1::> job show -id 39

Job ID Name              Owning
Vserver      Node              State
-----
39      mediator remove      peer1      peer1-node1      Success
      Description: Removing entry in mediator

peer1::> security certificate show -common-name ONTAPMediatorCA
Vserver      Serial Number      Certificate Name              Type
-----
peer1
      4A790360081F41145E14C5D7CE721DC6C210007F
      ONTAPMediatorCA              server-
ca
      Certificate Authority: ONTAP Mediator CA
      Expiration Date: Mon Apr 17 10:27:54 2073

peer1::> security certificate delete -common-name ONTAPMediatorCA *
1 entry was deleted.

peer1::> security certificate install -type server-ca -vserver peer1

Please enter Certificate: Press <Enter> when done
..<snip ONTAP Mediator CA public key>..

You should keep a copy of the CA-signed digital certificate for future
reference.
```

The installed certificate's CA and serial number for reference:

CA: ONTAP Mediator CA

serial: 44786524464C5113D5EC966779D3002135EA4254

The certificate's generated name for reference: ONTAPMediatorCA

```
peer2::> security certificate delete -common-name ONTAPMediatorCA *  
1 entry was deleted.
```

```
peer2::> security certificate install -type server-ca -vserver peer2
```

Please enter Certificate: Press <Enter> when done
..
..<snip ONTAP Mediator CA public key>..

You should keep a copy of the CA-signed digital certificate for future reference.

The installed certificate's CA and serial number for reference:

CA: ONTAP Mediator CA

serial: 44786524464C5113D5EC966779D3002135EA4254

The certificate's generated name for reference: ONTAPMediatorCA

```
peer1::> snapmirror mediator add -mediator-address 172.31.49.237 -peer  
-cluster peer2 -username mediatoradmin
```

Notice: Enter the mediator password.

Enter the password:

Enter the password again:

Info: [Job: 43] 'mediator add' job queued

```
peer1::> job show -id 43
```

Job ID	Name	Owning Vserver	Node	State
43	mediator add	peer1	peer1-node2	Success
Description: Creating a mediator entry				

```
peer1::> snapmirror mediator show
```

Mediator Address	Peer	Cluster	Connection Status	Quorum Status
172.31.49.237	peer2		connected	true

```
peer1::>
```

相關資訊

- ["security certificate delete"](#)
- ["security certificate install"](#)
- ["security certificate show"](#)
- ["snapmirror mediator add"](#)
- ["snapmirror mediator remove"](#)
- ["storage iscsi-initiator show"](#)

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