



# **Manage SnapMirror for Business Continuity using System Manager**

**ONTAP 9**

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# Manage SnapMirror for Business Continuity using System Manager

## Configure Mediator

Use System Manager to configure the Mediator server to be used for automated failover. You can also replace the self-signed SSL and CA with the third party validated SSL Certificate and CA if you have not already done so.

### Steps

1. Navigate to **Protection > Overview > Mediator > Configure**.
2. Click **Add**, and enter the following Mediator server information:
  - IPv4 address
  - Username
  - Password
  - Certificate

## Configure protection for business continuity

Configuring protection for business continuity involves selecting LUNs on the ONTAP source cluster and adding them to a consistency group. Open System Manager from a browser on the source cluster to begin configuring protection for business continuity.

This workflow is designed for ONTAP 9.8 and 9.9. Beginning with ONTAP 9.10.1, it is recommended that you begin by creating a consistency group and then use SM-BC as a remote protection.

### About this task

- LUNs must reside on the same storage VM.
- LUNs can reside on different volumes.
- The source and destination cluster cannot be the same.
- The default IPspace is required by SM-BC for cluster peer relationships. Custom IPspace is not supported.

### Steps

1. Choose the LUNs you want to protect and add them to a protection group: **Protection > Overview > Protect for Business Continuity > Protect LUNs**.
2. Select one or more LUNs to protect on the source cluster.
3. Select the destination cluster and SVM.
4. **Initialize relationship** is selected by default. Click **Save** to begin protection.
5. Go to **Dashboard > Performance** to verify IOPS activity for the LUNs.
6. On the destination cluster, use System Manager to verify that the protection for business continuity relationship is in sync: **Protection > Relationships**.

# Reestablish the original protection relationship after an unplanned failover

ONTAP uses the ONTAP Mediator to detect when a failure occurs on the primary storage system and executes automatic unplanned failover to the secondary storage system. You can use System Manager to reverse the relationship and reestablish the original protection relationship when original source cluster is back online.

## Steps

1. Navigate to **Protection > Relationships** and wait for the relationship state to show "InSync."
2. To resume operations on the original source cluster, click  and select **Failover**.

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