



# **Using the Active IQ Unified Manager and ONTAP System Manager for further configuration and monitoring**

**ONTAP MetroCluster**

NetApp  
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# Using the Active IQ Unified Manager and ONTAP System Manager for further configuration and monitoring

The Active IQ Unified Manager and ONTAP System Manager can be used for GUI management of the clusters and monitoring of the configuration.

Each node has ONTAP System Manager pre-installed. To load System Manager, enter the cluster management LIF address as the URL in a web browser that has connectivity to the node.

You can also use Active IQ Unified Manager to monitor the MetroCluster configuration.

## Related information

[Active IQ Unified Manager and ONTAP System Manager Documentation](#)

## Synchronizing the system time using NTP

Each cluster needs its own Network Time Protocol (NTP) server to synchronize the time between the nodes and their clients. You can use the Edit DateTime dialog box in System Manager to configure the NTP server.

You must have downloaded and installed System Manager. System Manager is available from the NetApp Support Site.

- You cannot modify the time zone settings for a failed node or the partner node after a takeover occurs.
- Each cluster in the MetroCluster FC configuration should have its own separate NTP server or servers used by the nodes and (if present) FC-to-SAS bridges at that MetroCluster site.

If you are using the MetroCluster Tiebreaker software, it should also have its own separate NTP server.

## Steps

1. From the home page, double-click the appropriate storage system.
2. Expand the **Cluster** hierarchy in the left navigation pane.
3. In the navigation pane, click **Configuration > System Tools > DateTime**.
4. Click **Edit**.
5. Select the time zone.
6. Specify the IP addresses of the time servers, and then click **Add**.

You must add an NTP server to the list of time servers. The domain controller can be an authoritative server.

7. Click **OK**.
8. Verify the changes you made to the date and time settings in the Date and Time window.

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