



# **Cluster access with System Manager**

## **ONTAP 9**

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# Cluster access with System Manager

## Use System Manager to access a cluster

If you prefer to use a graphic interface instead of the command-line interface (CLI) for accessing and managing a cluster, you can do so by using System Manager, which is included with ONTAP as a web service, is enabled by default, and is accessible by using a browser.

### What you'll need

- You must have a cluster user account that is configured with the `admin` role and the `http`, `ontapi`, and `console` application types.
- You must have enabled cookies and site data in the browser.

### About this task

You can use a cluster management LIF or node management LIF to access System Manager. For uninterrupted access to System Manager, you should use a cluster management LIF.

### Steps

1. Point the web browser to the IP address of the cluster management LIF:

- If you are using IPv4: **`https://cluster-mgmt-LIF`**
- If you are using IPv6: **`https://[cluster-mgmt-LIF]`**



Only HTTPS is supported for browser access of System Manager.

If the cluster uses a self-signed digital certificate, the browser might display a warning indicating that the certificate is not trusted. You can either acknowledge the risk to continue the access or install a Certificate Authority (CA) signed digital certificate on the cluster for server authentication.

2. **Optional:** If you have configured an access banner by using the CLI, then read the message that is displayed in the **Warning** dialog box, and choose the required option to proceed.

This option is not supported on systems on which Security Assertion Markup Language (SAML) authentication is enabled.

- If you do not want to continue, click **Cancel**, and close the browser.
- If you want to continue, click **OK** to navigate to the System Manager login page.

3. Log in to System Manager by using your cluster administrator credentials.

### Related information

[Managing access to web services](#)

[Accessing a node's log, core dump, and MIB files by using a web browser](#)

## About System Manager

System Manager is a graphical management interface that enables you to manage

storage systems and storage objects (such as disks, volumes, and aggregates) and perform common management tasks related to storage systems from a web browser. As a cluster administrator, you can use System Manager to administer the entire cluster and its resources.



System Manager is no longer available as an executable file and is now included with ONTAP software as a web service, enabled by default, and accessible by using a browser.



The name of System Manager has changed from previous versions. Versions 9.5 and earlier were named OnCommand System Manager. Versions 9.6 and later are now called System Manager.

System Manager enables you to perform many common tasks such as the following:

- Create a cluster, configure a network, and set up support details for the cluster.
- Configure and manage storage objects such as disks, aggregates, volumes, qtrees, and quotas.
- Configure protocols such as CIFS and NFS, and provision file sharing.
- Configure protocols such as FC, FCoE, NVMe, and iSCSI for block access.
- Create and configure network components such as subnets, broadcast domains, data and management interfaces, and interface groups.
- Set up and manage mirroring and vaulting relationships.
- Perform cluster management, storage node management, and storage virtual machine (SVM) management operations.
- Create and configure SVMs, manage storage objects associated with SVMs, and manage SVM services.
- Monitor and manage HA configurations in a cluster.
- Configure Service Processors to remotely log in, manage, monitor, and administer the node, regardless of the state of the node.

For more information about System Manager, see the [NetApp Support Site](#).

## Ways to manage access to System Manager

You can enable or disable a web browser's access to System Manager. You can also view the System Manager log.

You can control a web browser's access to System Manager by using `vserver services web modify -name sysmgr -vserver cluster_name -enabled[true|false]`.

System Manager logging is recorded in the `/mroot/etc/log/mlog/sysmgr.log` files of the node that hosts the cluster management LIF at the time System Manager is accessed. You can view the log files by using a browser. The System Manager log is also included in AutoSupport messages.

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