



# **Access ONTAP tools for VMware vSphere maintenance console**

## **ONTAP tools for VMware vSphere 10**

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# Access ONTAP tools for VMware vSphere maintenance console


## Overview of ONTAP tools for VMware vSphere maintenance console

You can manage your application, system, and network configurations by using the maintenance console of ONTAP tools. You can change your administrator password and maintenance password. You can also generate support bundles, set different log levels, view and manage TLS configurations, and start remote diagnostics.

You should have VMware tools installed after deploying ONTAP tools for VMware vSphere to access the maintenance console. You should use `maint` as the username and the password you configured during deployment to log in to the maintenance console of ONTAP tools. You should use **nano** for editing the files in maintenance or root login console.



You should set a password for the `diag` user while enabling remote diagnostics.

You should use the **Summary** tab of your deployed ONTAP tools for VMware vSphere to access the maintenance console. When you select , the maintenance console starts.

Console Menu	Options
Application Configuration	<div>1. Display server status summary</div> <div>2. Change LOG level for VASA Provider Services and SRA Services</div> <div>3. Disable AutoSupport</div> <div>4. Update AutoSupport proxy URL</div>
System Configuration	<div>1. Reboot virtual machine</div> <div>2. Shutdown virtual machine</div> <div>3. Change 'maint' user password</div> <div>4. Change time zone</div> <div>5. Add new NTP server</div> <div>6. Increase jail disk size (/jail)</div> <div>7. Upgrade</div> <div>8. Install VMware Tools</div>

Network Configuration	<ol style="list-style-type: none"> <li>1. Display IP address settings</li> <li>2. Display domain name search settings</li> <li>3. Change domain name search settings</li> <li>4. Display static routes</li> <li>5. Change static routes</li> <li>6. Commit changes</li> <li>7. Ping a host</li> <li>8. Restore default settings</li> </ol>
Support and Diagnostics	<ol style="list-style-type: none"> <li>1. Access diagnostic shell</li> <li>2. Enable remote diagnostic access</li> <li>3. Provide vCenter credentials for backup</li> <li>4. Take backup</li> </ol>

## Configure remote diagnostic access

You can configure ONTAP tools for VMware vSphere to enable SSH access for the diag user.

### Before you begin

The VASA Provider extension should be enabled for your vCenter Server instance.

### About this task

Using SSH to access the diag user account has the following limitations:

- You are allowed only one login account per activation of SSH.
- SSH access to the diag user account is disabled when one of the following happens:
  - The time expires.

The login session remains valid only until midnight the next day.

- You log in as a diag user again using SSH.

### Steps

1. From the vCenter Server, open a console to VASA Provider.
2. Log in as the maintenance user.
3. Enter 4 to select Support and Diagnostics.
4. Enter 2 to select Enable remote diagnostics access.
5. Enter `y` in the Confirmation dialog box to enable remote diagnostic access.
6. Enter a password for remote diagnostic access.

# Start SSH on other nodes

You need to start SSH on other nodes before you upgrade.

## Before you begin

The VASA Provider extension should be enabled for your vCenter Server instance.

## About this task

Perform this procedure on each of the nodes before you upgrade.

## Steps

1. From the vCenter Server, open a console to VASA Provider.
2. Log in as the maintenance user.
3. Enter 4 to select Support and Diagnostics.
4. Enter 1 to select Access diagnostic shell.
5. Enter *y* to proceed.
6. Run the command *sudo systemctl restart ssh*.

# Update the vCenter Server and ONTAP credentials

You can update the vCenter Server instance and ONTAP credentials using the maintenance console.

## Before you begin

You need to have maintenance user login credentials.

## About this task

If you have changed the credentials for vCenter Server, ONTAP, or Data LIF post deployment, then you need to update the credentials using this procedure.

## Steps

1. From the vCenter Server, open a console to VASA Provider.
2. Log in as the maintenance user.
3. Enter 2 to select System Configuration Menu.
4. Enter 9 to change ONTAP credentials.
5. Enter 10 to change vCenter credentials.

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