



Access ONTAP tools for VMware vSphere maintenance console

ONTAP tools for VMware vSphere 10.1

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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 click , the maintenance console starts.

| Console Menu | Options |
|---------------------------|--|
| Application Configuration | <ol style="list-style-type: none">1. Display server status summary2. Change LOG level for VASA Provider Services and SRA Services3. Disable AutoSupport |
| System Configuration | <ol style="list-style-type: none">1. Reboot virtual machine2. Shutdown virtual machine3. Generate token to reset manager UI password4. Change time zone5. Add new NTP server6. Increase jail disk size (/jail)7. Upgrade8. Install VMware Tools |

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

Configure remote diagnostic access

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

What you will need

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 till midnight the next day.
 - You log in as a diag user again using SSH.

Steps

1. From 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 3 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 the SSH on other nodes

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

What you will need

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 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.

What you will need

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 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. Update the credentials as required:
 - a. For Updating the ONTAP credentials run the command:

```
otv-update --ontapUsername <new username> --ontapPassword <new password>
```

b. For Updating the vCenter credentials run the command:

```
otv-update --vcenterUsername <new username> --vcenterPassword <new password>
```

c. For Updating the data LIF run the command:

```
otv-update --dataLif <new Datalif IP>
```

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