



Access ONTAP tools maintenance console

ONTAP tools for VMware vSphere 10.0

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Access ONTAP tools maintenance console


Overview of ONTAP tools maintenance console

You can manage your application, system, and network configurations by using the maintenance console of the 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 must have installed VMware tools after deploying ONTAP tools to access the maintenance console. You should use `maint` as the user name and the password you configured during deployment to log in to the maintenance console of the ONTAP tools. You should use **nano** for editing the files in `maint` or `root` login console.



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

You should use the **Summary** tab of your deployed ONTAP tools 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 |
| System Configuration | <ol style="list-style-type: none">1. Reboot virtual machine2. Shutdown virtual machine3. Change 'maint' user 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 settings2. Display domain name search settings3. Change domain name search settings4. Display static routes5. Change static routes6. Commit changes7. Ping a host8. Restore default settings |

Configure remote diagnostic access

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

What you will need

The VASA Provider extension must 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 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 must 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 and ONTAP credentials

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

What you will need

You need to have maint user login credentials.

About this task

If you have changed the credentials for vCenter, ONTAP, or Datalif 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 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 datalif run the command:

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

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