Setting Up the Virtual Appliance

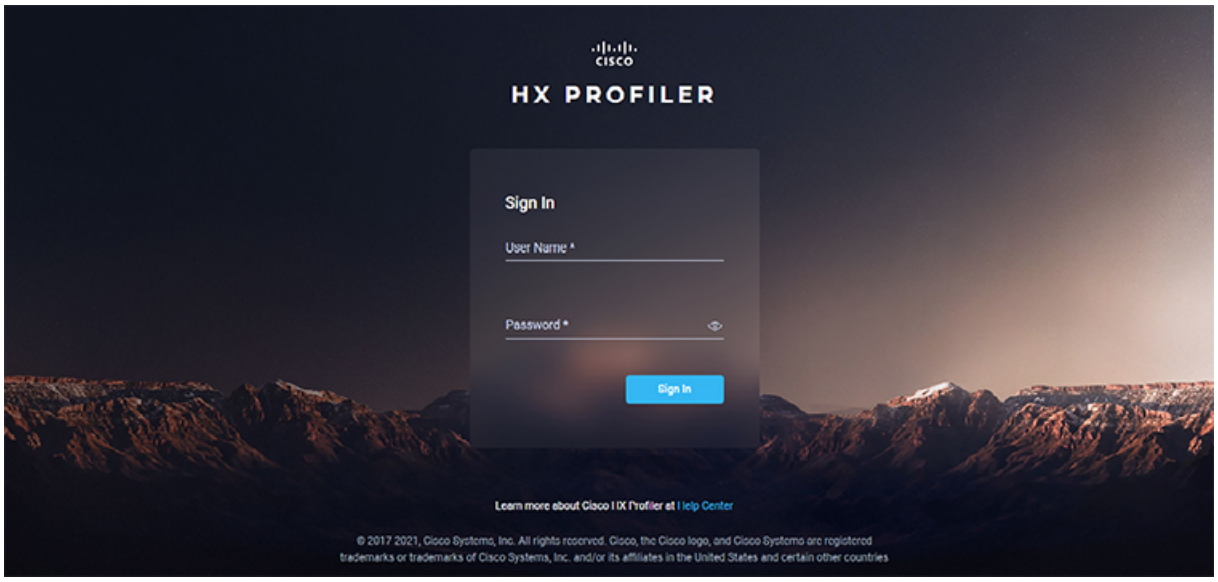
Logging into the Profiler

Logging in to the Profiler

The HX Workload Profiler user interface (UI) uses system credentials for authentication.

Step 1 To access the UI, launch a browser window and enter `http://<IP:>` or `http://< IP:8000 >` or `http://<IP>/profiler/index.html` or `http://<IP:8000>/profiler/index.html`, where the IP is the IP address of the VM.

The HX Profiler UI appears:

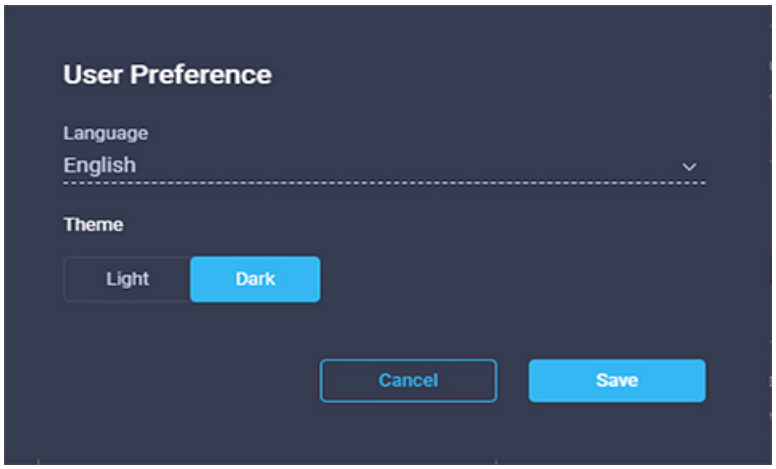


Step 2 When prompted, log in to the UI with the following credentials:

User name: **`monitoring`**

Password: **`<new password set during the install workflow>`**

Step 3 You can use the User Preference option in the top right corner of the UI to configure **Language** or **Theme**.

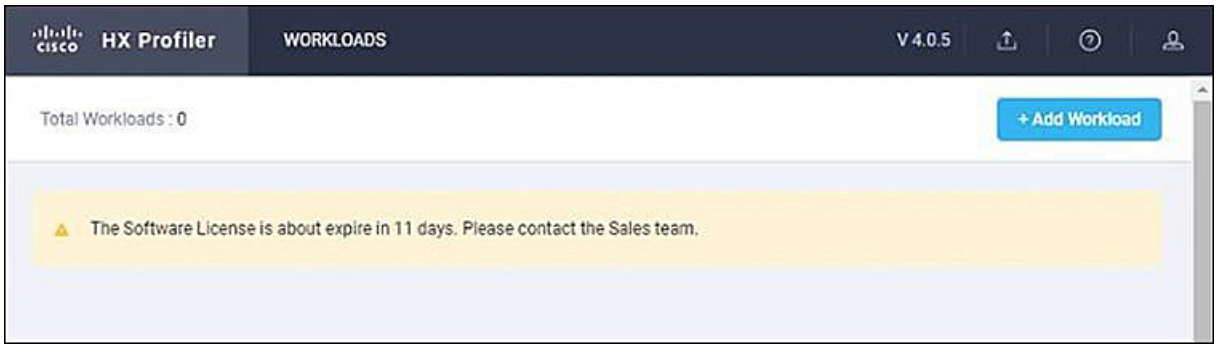


Click **Cancel** or **Save** to continue.

Step 4 When finished, you can end the user session by clicking **Logout** at the top right of the page.

HX Profiler Software License

The lifespan of the HX Profiler Software License is 45 days from the date of deployment. The HX Profiler displays a Software Expiration warning message after 30 days have elapsed after deployment.

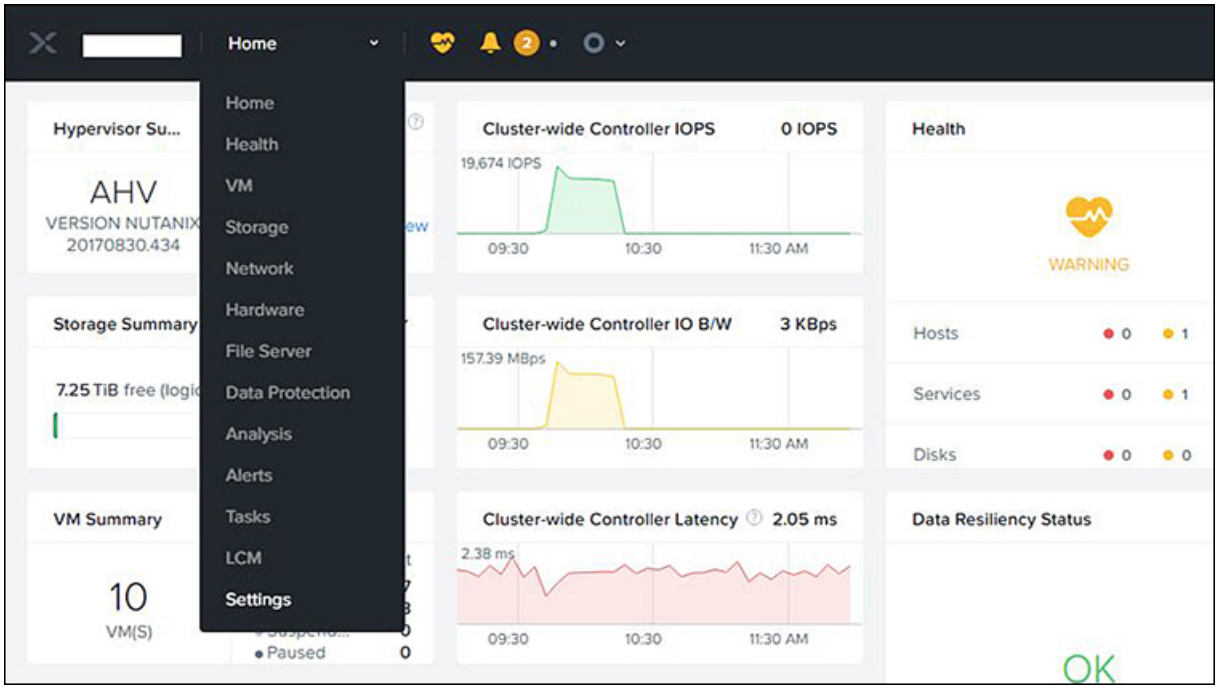


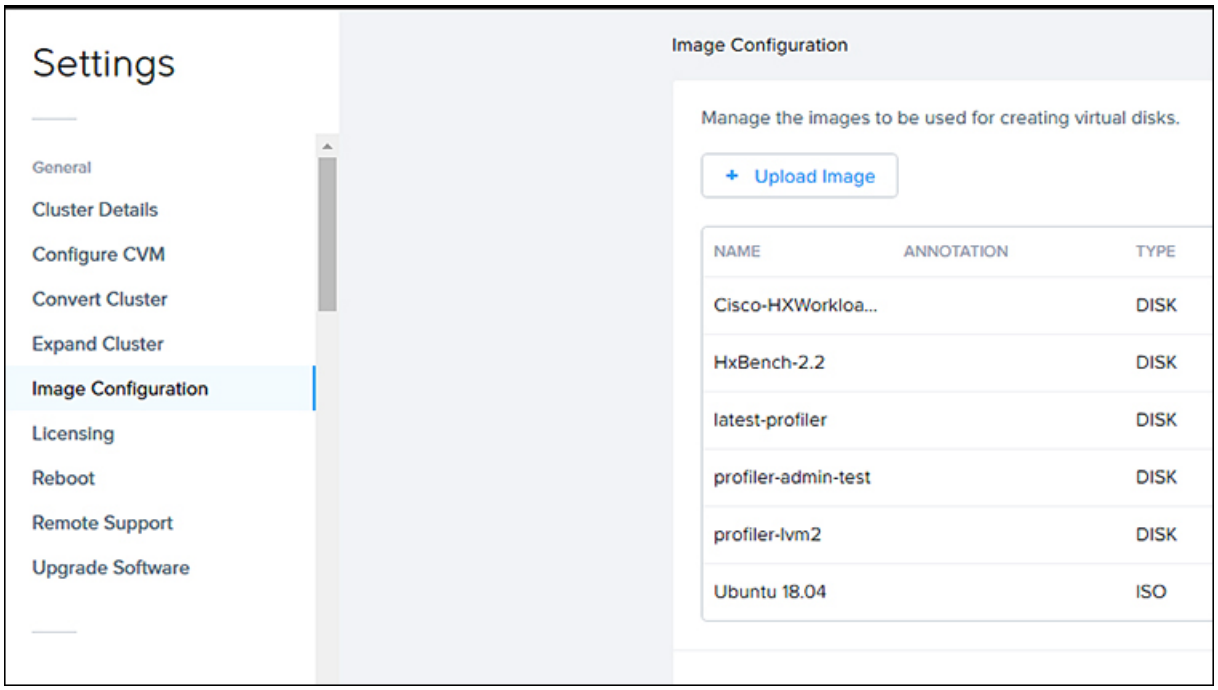
Deploying the Virtual Machine

Deploying the Nutanix AHV Virtual Machine

Step 1 Log into Nutanix AHV Prism central UI.

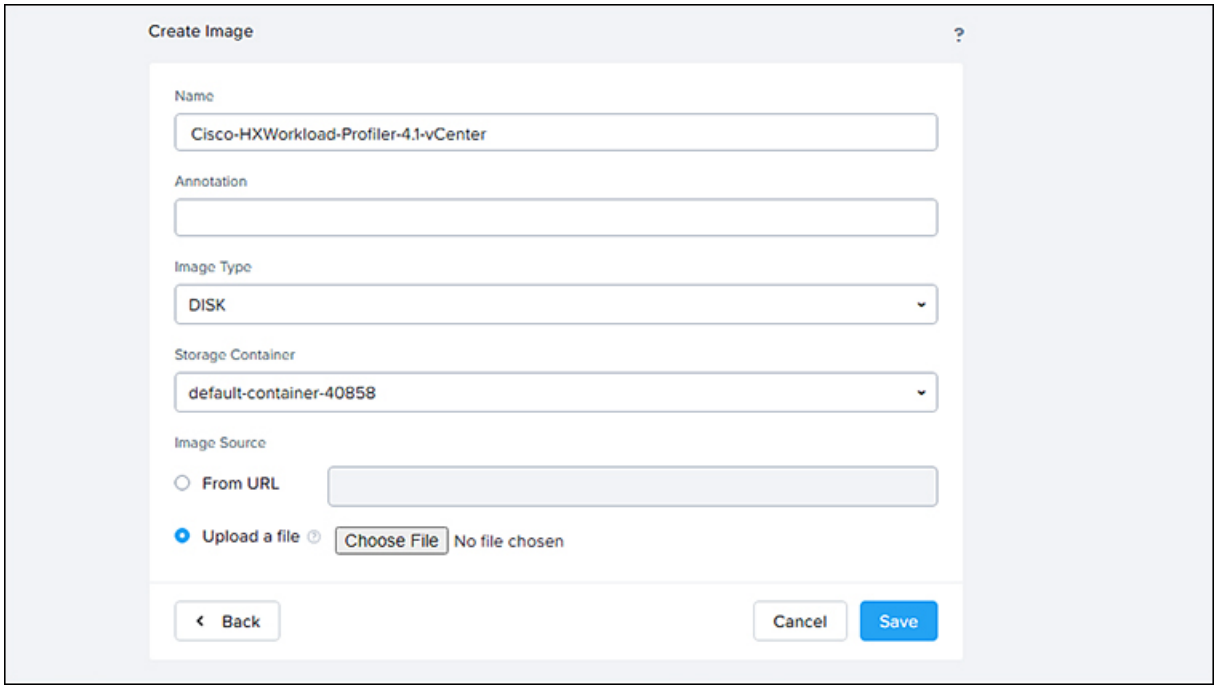
Step 2 Select **Home** > **Settings** > **Image Configuration** > **Upload Image**.





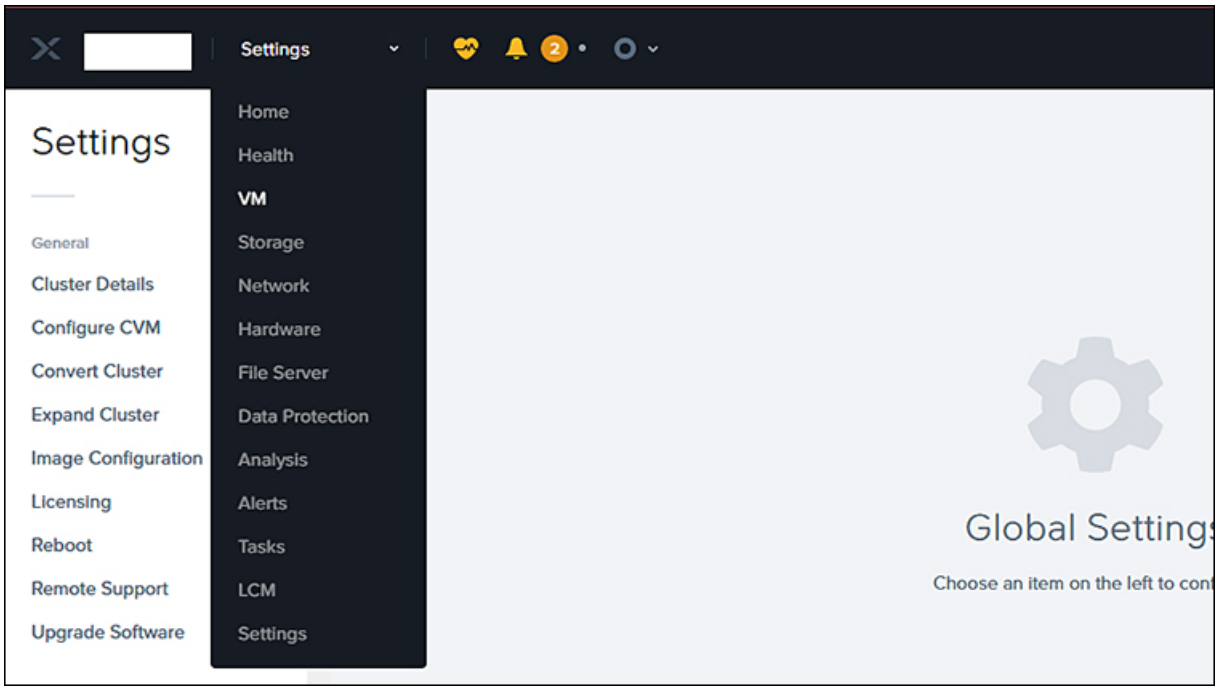
Step 3 Enter **Image name**, select **Image Type** as **Disk** and select desired **Storage Container**.

Step 4 Select **Upload a file** radio button and click on **Choose File** to select the VMDK file you want to upload.

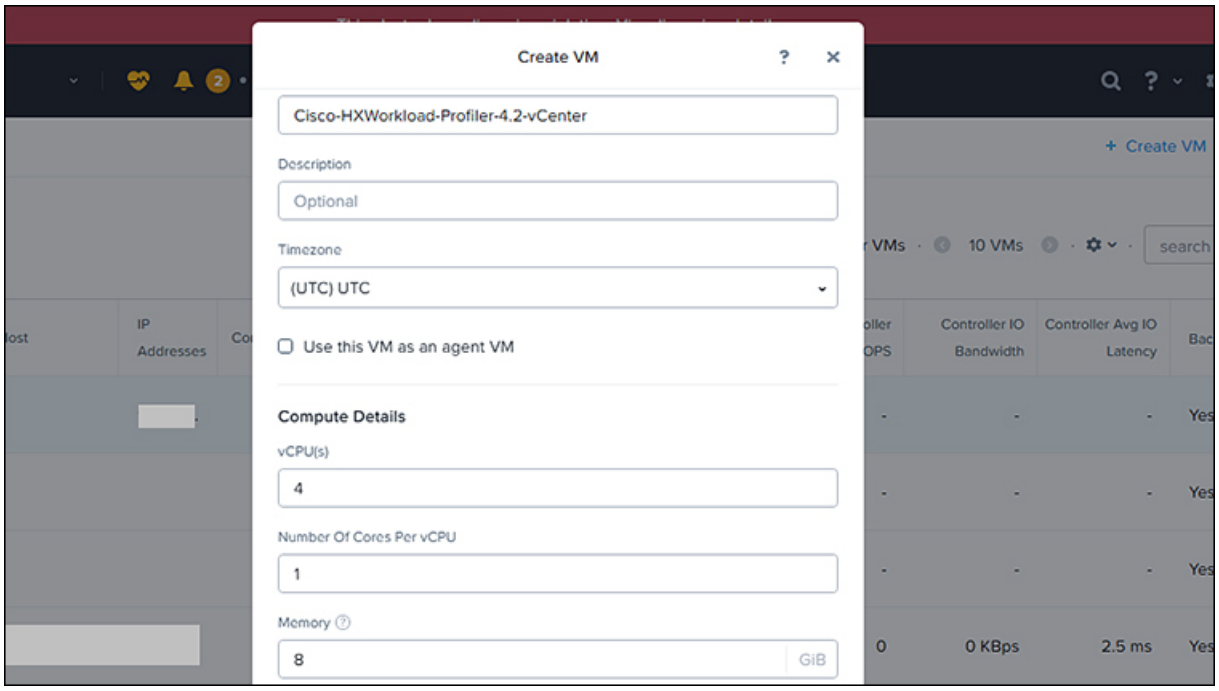


Step 5 Click on **Save**.

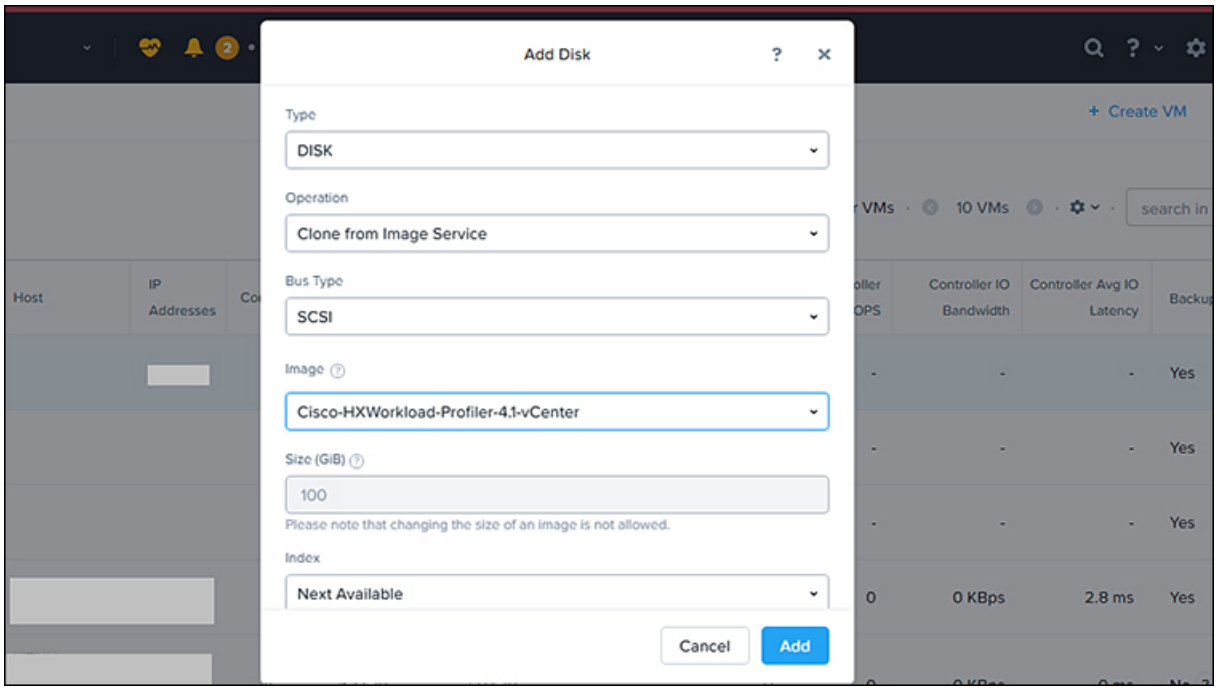
Step 6 Navigate to **VM** page, and click on **Create VM**.



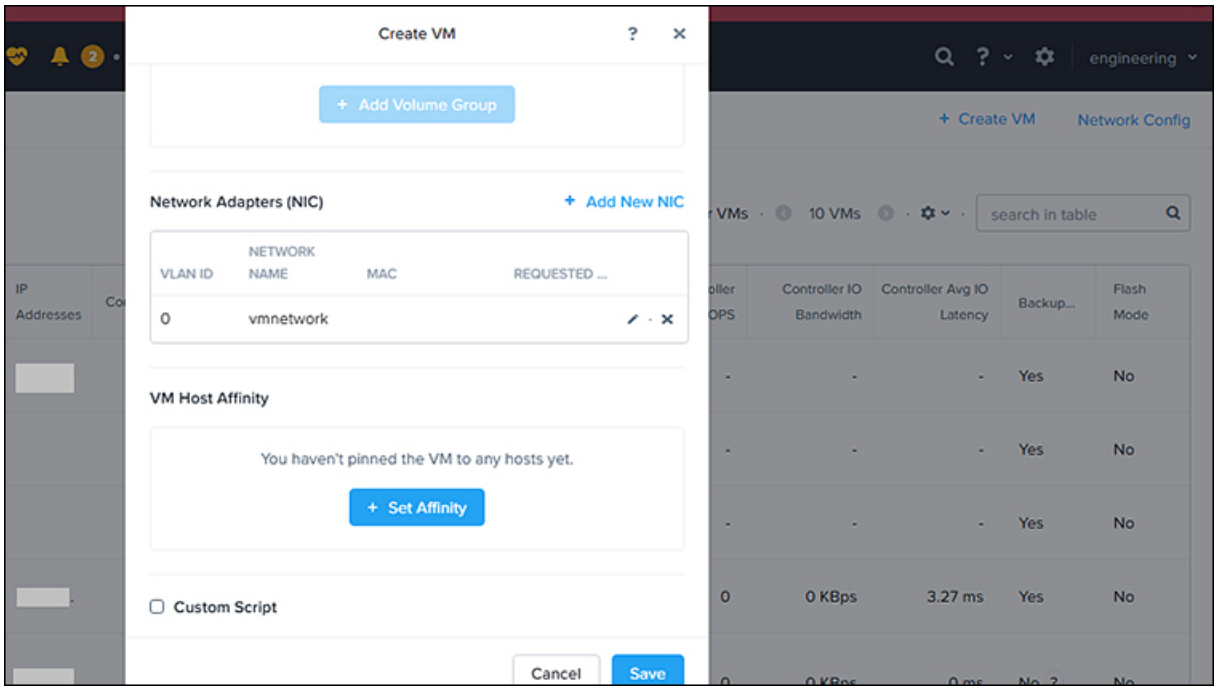
Step 7 Enter the **VM name**, provide **vCPU(s)** as 4 and **Memory** as 8.



Step 8 In the **Disks** section, click on **Add New Disk**, select **Type** as **Disk** and **Operation** as **Clone from Image Service**. Select the desired image from **Image** drop down list and click on **Add** button.



Step 9 Add New NIC under Network Adapters section.



Step 10 Click on **Save**, the VM will be deployed.

Step 11 Select the deployed VM and click on **Power On** button.

Step 12 Click on **Launch Console** to connect to the console.

Step 13 Change the password from the console. While changing the password, use the default user name and password as monitoring/monitoring.

Step 14 Configure the static or DHCP IP from terminal for the first login. Follow the instruction prompted in the terminal.

Step 15 After IP configuration, enter the new password as prompted in the terminal. The machine will not reboot if DHCP and reboots with static IP selection.

Step 16 After all IP configuration changes, if any changes are required or any wrong entry IP is entered, edit the interfaces file, using the VIM editor under the following path:`/etc/network/interfaces`.

Step 17 If you edit the above file, then reboot/reset the machine.

Configuring and Using the Profiler Application

Configuring and Using the Nutanix AHV Profiler Application

Perform the HX Workload Profiler application configuration and operations from the web-based UI.

The following table shows the high-level steps for configuring the application.

Task	See
Addition of a poller, which is referred to as a workload or node.	Adding Nutanix AHV to the Profiler
Configuration of the profiling attributes.	Starting Nutanix AHV Data Profiling
Start the polling operation.	Starting the Profiler Service, on page 7

Using the Profiler Service

Using the Profiler Service

The Hx Workload Profiler start and stop services use the `profiler_service.sh` command.

The following table shows the high-level steps for using the profile service.

Task	See
Starting the Profiler Service	Starting the Profiler Service, on page 7
Stopping the Profiler Service	Stopping the Profiler Service, on page 8
Restarting the Profiler Service	Restarting the Profiler Service, on page 8

Starting the Profiler Service

To start the profiler service:

Run the following command: `sudo service hxpmonitor start`.

Stopping the Profiler Service

Complete the following steps to stop the profiler service:

Step 1 Run the following command: `sudo service hxpmonitor stop`.

Step 2 Run the following command: `sudo service hxpcontroller stop`.

Restarting the Profiler Service

Complete the following steps to restart the profiler service:

Step 1 Run the following comand: `sudo service hxpcontroller restart`.

Step 2 Run the following comand: `sudo service hxpmonitor restart`.

Locating the Application Logs

Locating the Application Logs

Locating the Application Logs

You can find HX Workload Profiler logs in the following locations:

Table 1: Application Logs

Log	Path
Server	`/home/monitoring/monitor/server.log`
Controller	`/home/monitoring/controller/logs/*`
Monitor	`/home/monitoring/monitor/monitor/monitor.log`