



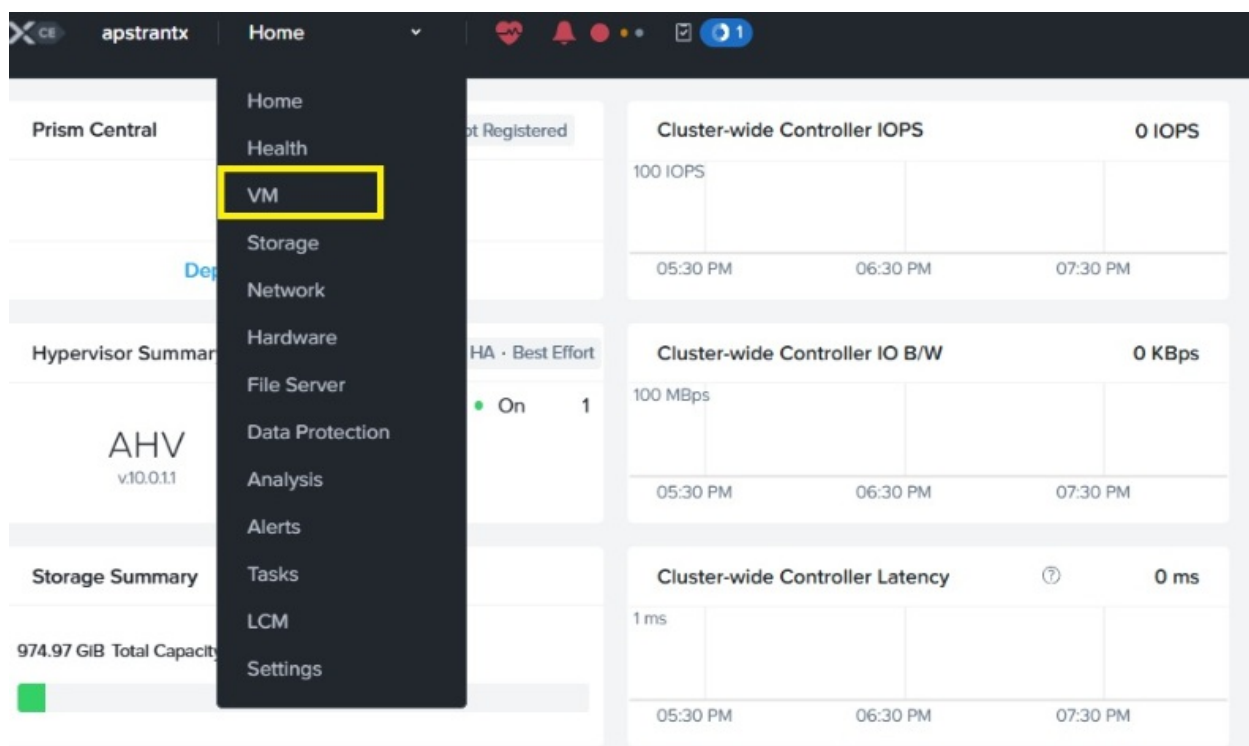
[Home](#) » [JUNIPER NETWORKS](#) » **Juniper NETWORKS Deploying Apstra Virtual Appliance on Nutanix Platform User Guide** 

Contents [[hide](#)]

- [1 Juniper NETWORKS Deploying Apstra Virtual Appliance on Nutanix Platform](#)
- [2 Download the Image](#)
- [3 Upload the Image](#)
- [4 Deploy the VM](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)



Juniper NETWORKS Deploying Apstra Virtual Appliance on Nutanix Platform



Deploying the Apstra Virtual Appliance on Nutanix

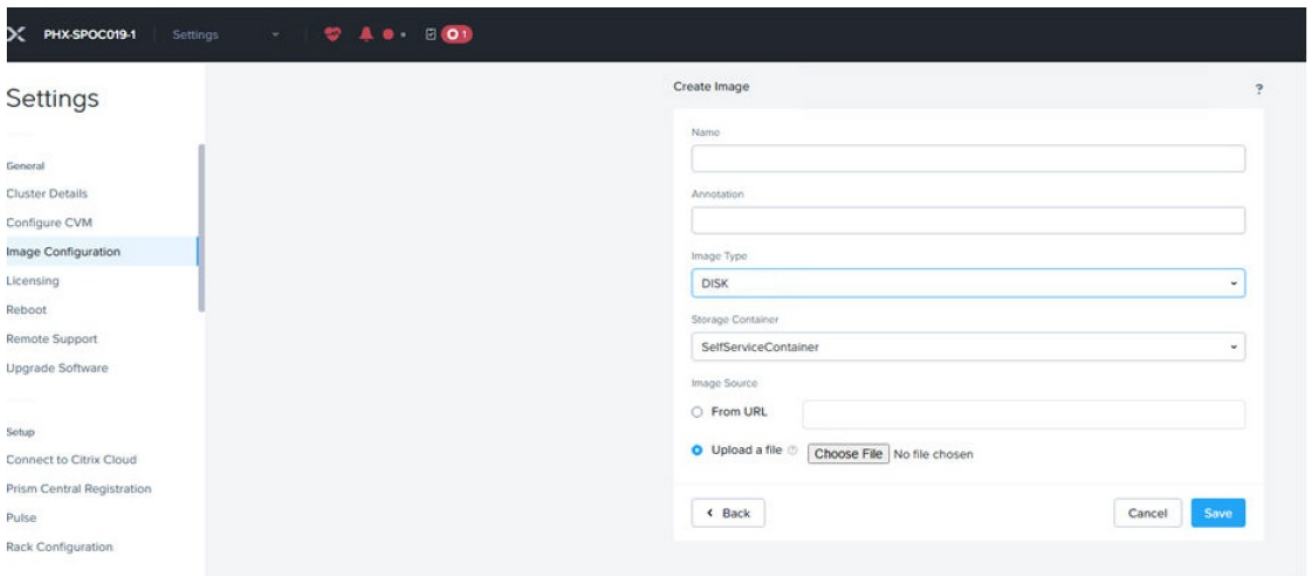
This guide explains how to deploy the Apstra VM Image for Linux KVM image and install it on Nutanix.

Download the Image

1. Download the 6.0 Apstra VM Image for Linux KVM (QCOW2) from the Software Downloads page.
2. Select the 6.0 version from the VERSION drop-down window.
An example filename for the 6.0 version is aos_server_6.0.0-189.qcow2.gz.
3. Extract the disk image and then move it to the location where you want to install it.

Upload the Image

1. Log into the Nutanix Prism Central console.
2. Navigate to the Image Configuration screen, or similar screen, depending on the version of Nutanix.



The screenshot shows the Nutanix Prism Central interface. On the left is a 'Settings' sidebar with a menu including General, Cluster Details, Configure CVM, Image Configuration (highlighted), Licensing, Reboot, Remote Support, Upgrade Software, Setup, Connect to Citrix Cloud, Prism Central Registration, Pulse, and Rack Configuration. The main area displays the 'Create Image' dialog box. This dialog has fields for 'Name' and 'Annotation'. Below these are dropdown menus for 'Image Type' (set to 'DISK') and 'Storage Container' (set to 'SelfServiceContainer'). Under 'Image Source', the 'Upload a file' option is selected, showing a 'Choose File' button and the text 'No file chosen'. At the bottom are 'Back', 'Cancel', and 'Save' buttons.

3. Click Upload Image, specify the name of the image, select the image type as DISK, and then upload the qcow2 file that you extraced earlier.

Add Disk?×

Type

DISK

Operation

Clone from Image Service

Bus Type

SCSI

Image ?

qcow2-apstra

Logical Size (GiB) ?

80

Please note that changing the size of an image is not allowed.

Index

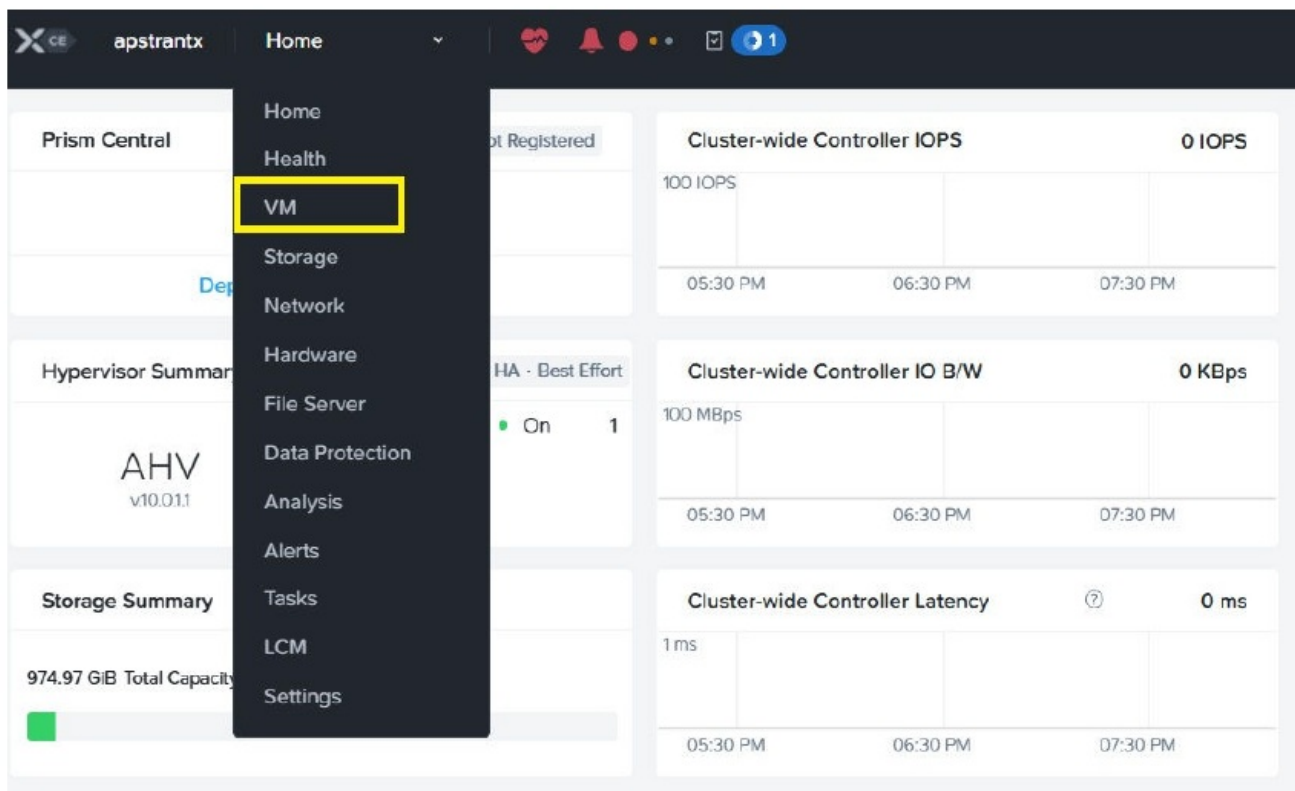
Next Available

Cancel

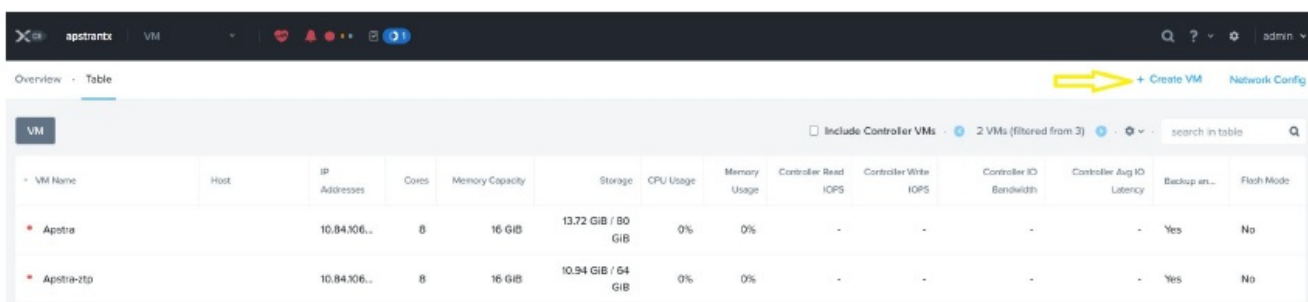
Add

Deploy the VM

1. In the Prism Central console, navigate to the VM section.



2. Click Create VM to start the wizard, and then enter the name of the VM in the Name edit box.



General Configuration

Name

Description

Timezone

(UTC) UTC

Cluster ▾

Use UTC timezone for Linux VMs and local timezone for Windows VMs.

☐ Use this VM as an agent VM

Compute Details

vCPU(s)

Number Of Cores Per vCPU

Cancel

Save

3. Select Legacy BIOS in the Boot Configuration section.

Create VM

?

×

Memory ?

16

GiB

Boot Configuration

☐ UEFI ?

☒ Legacy BIOS

Set Boot Priority

Default Boot Order (CD-ROM, Disk, Network)

Disks

+ Add New Disk

Type	Address	Parameters	
CD-ROM	ide.0	EMPTY=true; BUS=ide	<div><div></div><div></div><div></div></div>

Volume Groups

Cancel

Save

4. Specify the number of vCPU(s) and cores per vCPU, and memory details.

Create VM ? x

Description
Optional

Timezone
(UTC) UTC Cluster v
Use UTC timezone for Linux VMs and local timezone for Windows VMs.

☐ Use this VM as an agent VM

Compute Details

vCPU(s)
8

Number Of Cores Per vCPU
1

Memory ?
16 GiB

Cancel Save

5. Add a NIC to the VM by clicking Add New NIC in the Network Adapters (NIC) section.

Create VM

+ Add Volume Group

Network Adapters (NIC)

+ Add New NIC

VM Host Affinity

You haven't pinned the VM to any hosts yet.

+ Set Affinity

☐ Custom Script

Cancel

Save

6. Select the available subnet name from the drop-down window.

Create NIC

Subnet Name

Apstra-sub

Network Connection State

Connected

Private IP Assignment

Network address / prefix	Free IPs (Subnet)	Free IPs (Pool)
10.84.104.0/21	2043	1

Assignment Type

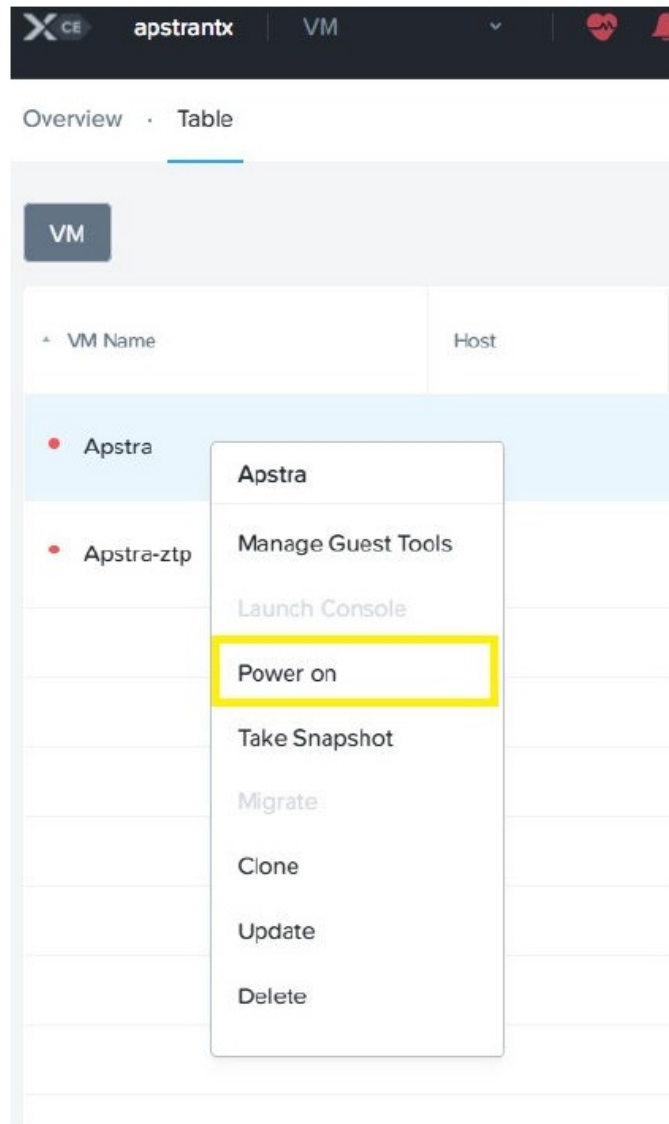
Assign with DHCP

Assignment type will appear as Static after it has been assigned DHCP because the IP is permanently associated with the VM.

Cancel

Add

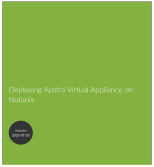
7. Save the VM settings and power it on.



Now you can configure your Apstra server.

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Documents / Resources

	<p>Juniper NETWORKS Deploying Apstra Virtual Appliance on Nutanix Platform [pdf] User Guide</p> <p>Deploying Apstra Virtual Appliance on Nutanix, Deploying Apstra Virtual Appliance on Nutanix Platform, Apstra Virtual Appliance on Nutanix Platform, Appliance on Nutanix Platform, Nutanix Platform</p>
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References

- [User Manual](#)

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NETWORKS

◆ Appliance on Nutanix Platform, Apstra Virtual Appliance on Nutanix Platform, Deploying Apstra Virtual Appliance on Nutanix, Deploying Apstra Virtual Appliance on Nutanix Platform, JUNIPER NETWORKS, Nutanix Platform

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