

Deploying Apstra Virtual Appliance on Nutanix

Published
2025-07-28

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Deploying the Apstra Virtual Appliance on Nutanix

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

Download the Image

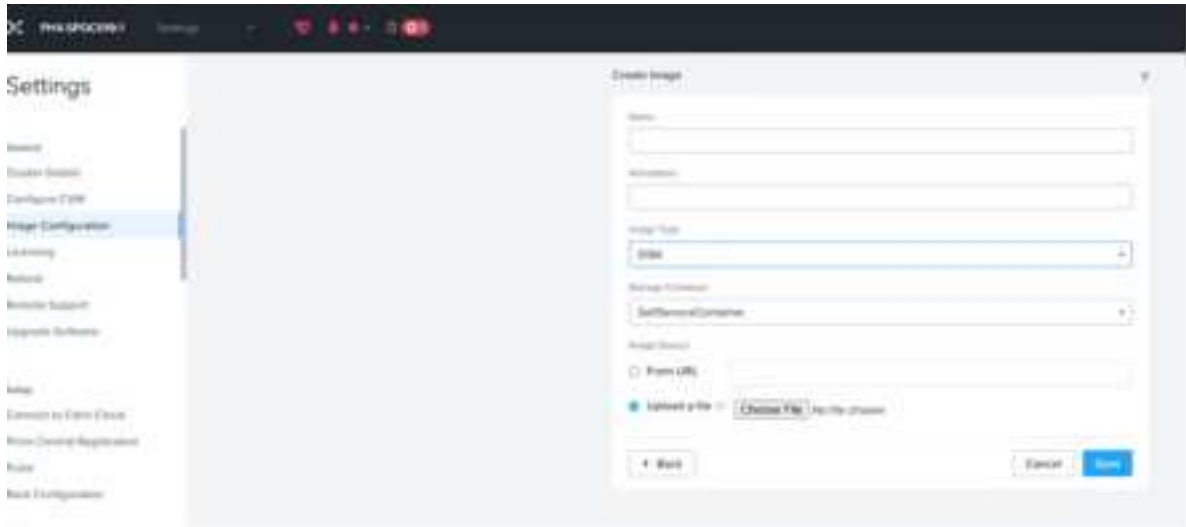
1. Download the 6.0 Apstra VM Image for Linux KVM (QCOW2) from the [Software Downloads](#) page.
2. Select the 6.0 version from the **VERSION** drop-down window.

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.



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

Add Disk

Type
DISK

Operation
Clone from Image Service

Bus Type
SCSI

Image
qcow2-apstra

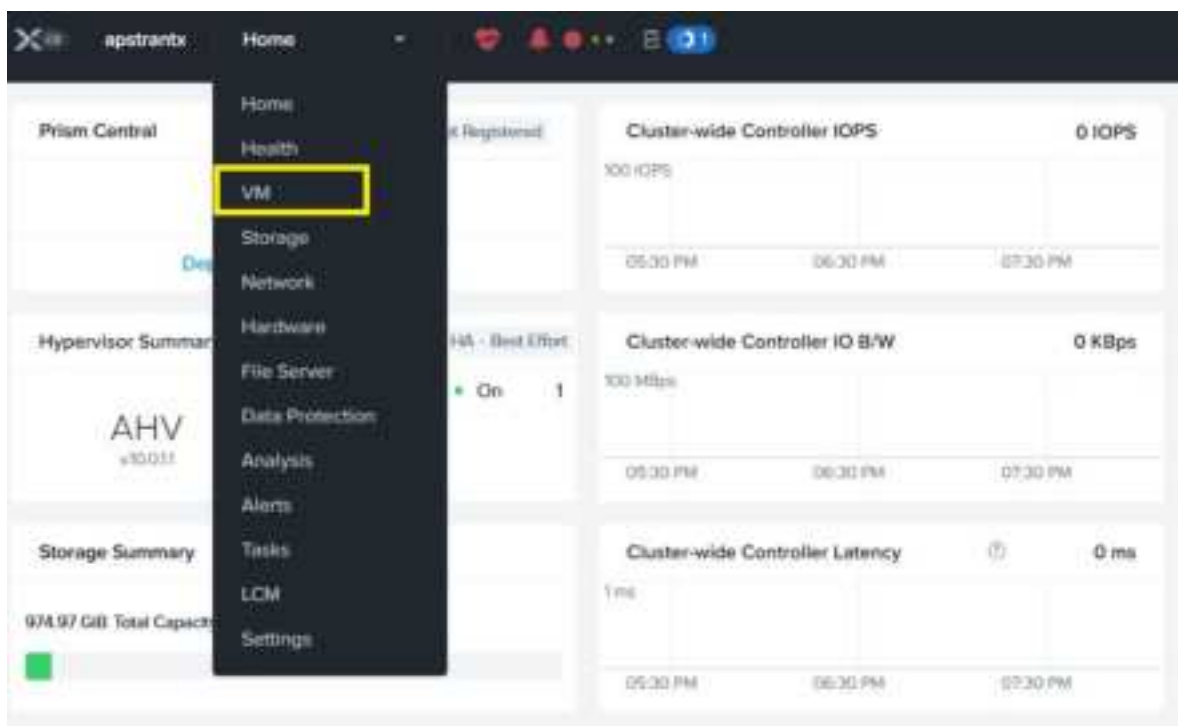
Logical Size (GB)
10
Please note that changing the size of an image is not allowed.

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.



Create VM

?

×

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 GB

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	✎ ✕

Volume Groups

[Cancel](#) [Save](#)

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

Create VM

Optional

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)

8

Number Of Cores Per vCPU

1

Memory (GB)

16 GB

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

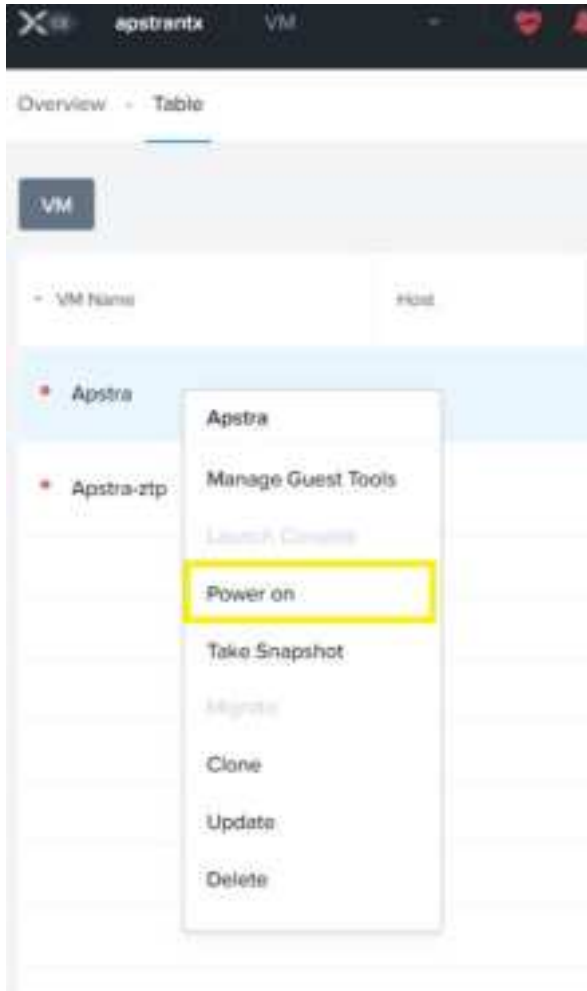
Assignment Type

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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