

Portnox CLEAR Local Radius Deployment for Nutanix

Download and Extract Needed Files

Download the VMWare Image from the Portnox Portal along with the ISO config boot file.

Using a tool such as 7-Zip, unpack the contents of the PortnoxLocalRadius.OVA file. There will be 2 files extracted -- PortnoxLocalRadius.ovf and PortnoxLocalRadius-disk001.vmdk. You can disregard the PortnoxLocalRadius.ovf file as only the PortnoxLocalRadius-disk001.vmdk file is needed.

Upload Images to Nutanix

In Nutanix Prism, upload the PortnoxLocalRadius-disk001.vmdk as a Disk Image:

Add Images

1 Select Image 2 Select Location

Image Source

Image File URL VM Disk

+ Add File

Source: [LOCAL]\PortnoxL...lRadius-disk001.vmdk [Remove](#)

Name: Type:

Description:

Checksum:

Cancel

Next

Also, upload the Portnox Local Radius Configuration ISO:

Add Images

- 1 Select Image
- 2 Select Location

Image Source

- Image File URL VM Disk

+ Add File

Source: [LOCAL]PortnoxL...acme.contoso.com.iso [Remove](#)

Name Type

Description

Checksum

Cancel

Next

Create VM

Create a new VM with 1 CPU and 1GB of memory. Attach the PortnoxLocalRadius-disk001.vmdk and the Portnox Local Radius Configuration ISO both **as SATA drives**. **This is important – If you attach the vmdk as the default SCSI drive, the Portnox Local Radius VM will not read the configuration ISO.** Attach the appropriate network to the VM and configure any other settings that are needed for your environment. Below are the configuration screens for creating the VM:

Create VM

- 1 Configuration 2 Resources 3 Management 4 Review

Name

Portnox Local Radius

Description

(Optional)

Project

No Projects

Cluster

ClusterA

Number of VMs

1

VM Properties

CPU

1

vCPU

Cores Per CPU

1

Cores

Memory

1

GB

Cancel

Next

Attach Disk

×

Type

Disk

Operation

Clone from Image

Image

PortnoxLocalRadius-disk001.vmdk

Capacity

0.98

GiB

Bus Type

SATA

Cancel

Save

Attach Disk
✕

Type

CD-ROM
⌵

Operation

Clone from Image
⌵

Image

PortnoxLocalRadiusConfiguration-XXXXXXXXXX.iso
⌵

Bus Type

SATA
⌵

Cancel
Save

Create VM

- 1
 - 2
 - 3
 - 4
- Configuration
Resources
Management
Review

Disks

[Attach Disk](#)

#	Type	Image	Size	Bus Type	Actions
1	Disk	PortnoxLocalRadius-disk001.vmdk	0.98 GiB	SATA	✎ 🗑
2	CD-ROM	PortnoxLocalRadiusConfiguration- XXXXXXXXXX .iso	0.06 MiB	SATA	⬆️ ✎ 🗑



Networks

[Attach to Subnet](#)

Subnet	VLAN ID / VPC	Private IP	Public IP	Actions
Servers_192.168.16.0_255.255.252.0_1	1	None	None	✎ 🗑

Networks

[Attach to Subnet](#)

Subnet	VLAN ID / VPC	Private IP	Public IP	Actions
Servers_192. 168.16.0_255 .255.252.0_1	1	None	None	 

Boot Configuration

Legacy BIOS Mode

Set Boot Priority

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

UEFI BIOS Mode

UEFI BIOS Mode supports enhanced Shield VM security settings.

Shield VM Security Settings

Back

Cancel

Next

Create VM

1 Configuration 2 Resources 3 **Management** 4 Review

Categories


Type to search...

Tag the VM with Category: Value to assign policies associated with value

Timezone

(UTC - 04:00) America/New_York ▾

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

Use this VM as an Agent VM 

Guest Customization

Script Type

No Customization ▾

Configuration Method

Custom Script ▾

Back

Cancel

Next