

Integration Guide: Secure Mobile Access 100 and Nutanix Prism

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This document describes how to integrate SonicWall® Secure Mobile Access (SMA) 500v and Nutanix Prism.

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- [Configuring SMA on Prism](#)

About Secure Mobile Access

SonicWall Secure Mobile Access (SMA) provides scalable, secure mobile access for your enterprise while blocking untrusted applications, WiFi pirates, and mobile malware. SMA appliances provide a single gateway and a common user experience across all platforms, including managed and unmanaged devices. Traffic is encrypted using Secure Sockets Layer/Transport Layer Security (SSL/TLS) to protect it from unauthorized users.

SMA is available as a physical appliance or as a virtual appliance running on VMWare ESXi, Microsoft Hyper-V, Amazon Web Services (AWS), Azure, and KVM.

About Prism

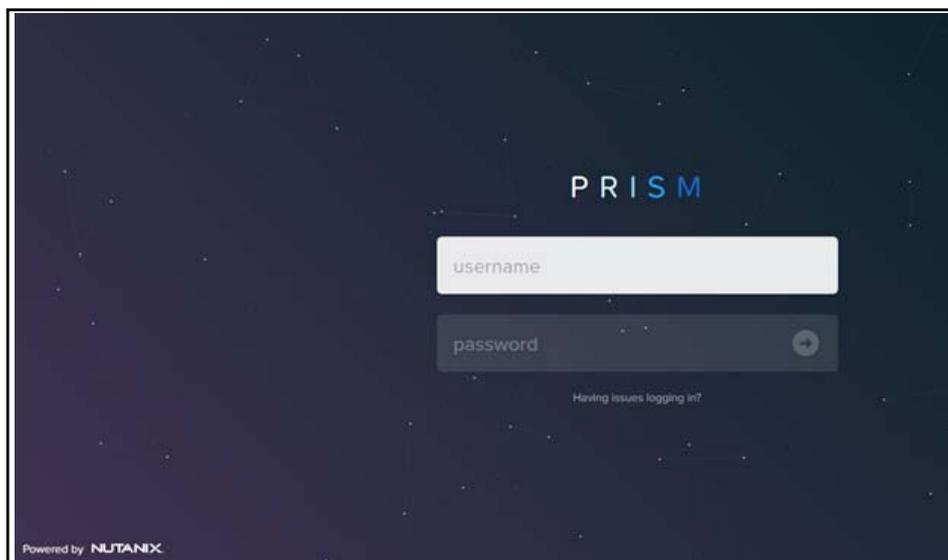
Nutanix Prism is an end-to-end consumer-grade management solution for virtualized datacenter environments that brings unprecedented simplicity by combining several aspects of administration and reporting. Powered by advanced machine learning technology, Prism can mine large volumes of system data to automate common tasks and generate actionable insights for optimizing virtualization, infrastructure management and everyday operations.

Prism has been designed ground-up for an uncluttered, yet rich experience and provides an intuitive user interface to simplify and streamline common data center work flows, eliminating the need to have disparate management solutions for different tasks.

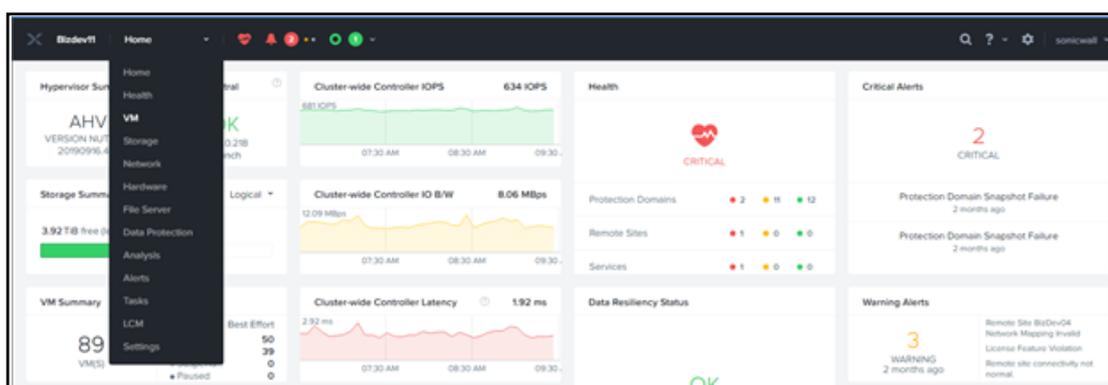
Configuring SMA on Prism

To configure SMA 500v on Nutanix Prism, perform the following steps:

- 1 Log in to Prism Portal.



- 2 Navigate to **Home** and select **VM** option.



- 3 In the **VM** page, click **+ Create VM** option.



The **Create VM** page is displayed.



- 4 In the **Name** field, enter the desired name for the VM.
- 5 In the **Description** field, enter the description for the VM. This field is optional.
- 6 In the **Timezone** drop-down, select the desired time zone.
- 7 Under the **Compute Details** group, perform the following:
 - In the **vCPU(s)** field, enter **2**.
 - In the **Number of Cores Per vCPU** field, enter **4**.
 - In the **Memory** field, enter **8 GB**.

The screenshot shows a 'Create VM' dialog box with the following fields in the 'Compute Details' section:

- vCPU(s)**: Input field containing the number 2.
- Number Of Cores Per vCPU**: Input field containing the number 4.
- Memory**: Input field containing the number 8, with a unit dropdown menu set to GIB.

- 8 Navigate to **Disks** and delete **CD-ROM**.
- 9 Click **Add New Disk** and modify the details as shown in the below image:
 - From the **Type** field, select **Disk**.
 - From the **Operation** field, select **Allocate on Storage Container**.
 - From the **Bus Type** field, select **SCSI**.
 - From the **Storage Container** field, select **default-container-12564(3.29 TiB free)**.
 - In the **Size (GIB)** field, enter **20**.
 - From the **Index** field, select **Next Available**.

The screenshot shows an 'Add Disk' dialog box with the following configuration:

- Type**: DISK
- Operation**: Allocate on Storage Container
- Bus Type**: SCSI
- Storage Container**: default-container-12564 (3.92 TiB free)
- Size (GIB)**: 20
- Index**: Next Available

Buttons: Cancel, Add

10 Click **Add**.

The disk is added.

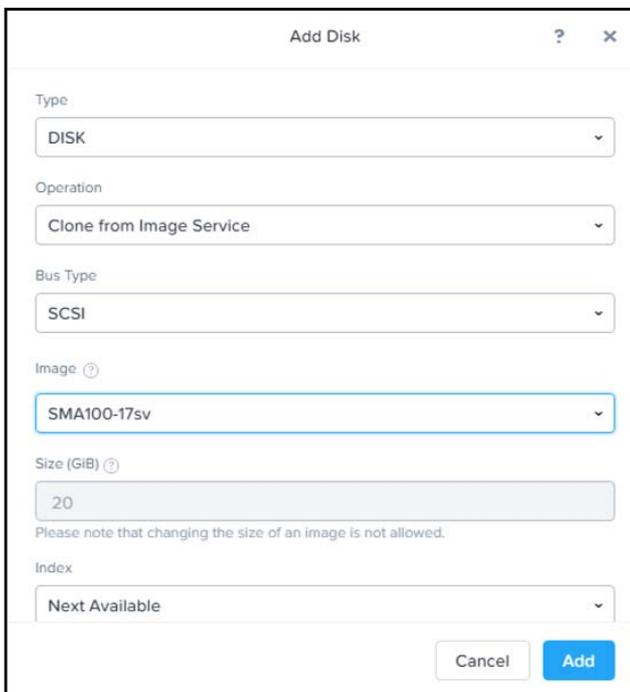


TYPE	ADDRESS	PARAMETERS	
DISK	scsi.0	SIZE=20GiB; CONTAINER=d...	✎ · ✕

11 Under the **Update Disk** group, perform the following:

By default, the **Type** field is selected as CD-ROM.

- From the **Operation** drop-down, select **Clone from Image Service**.
- From the **Bus Type** drop-down, select **SCSI**.
- In the **Image** drop-down, select **SMA 100-17sv**.
- From the **Index** field, select **Next Available**.



Add Disk ? ✕

Type:

Operation:

Bus Type:

Image ?

Size (GiB) ?
Please note that changing the size of an image is not allowed.

Index:

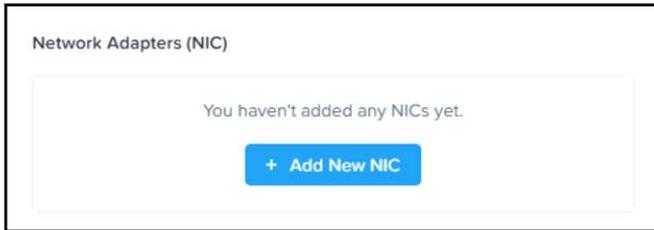
12 Click **Add**.

The disk is added.

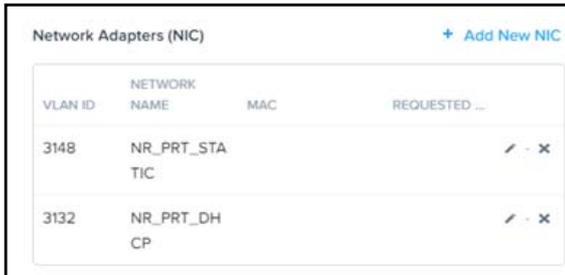


TYPE	ADDRESS	PARAMETERS	
DISK	scsi.0	SIZE=20GiB; CONTAINER=d...	✎ · ✕
DISK	scsi.1	SIZE=35GiB; CONTAINER=d...	✎ · ✕

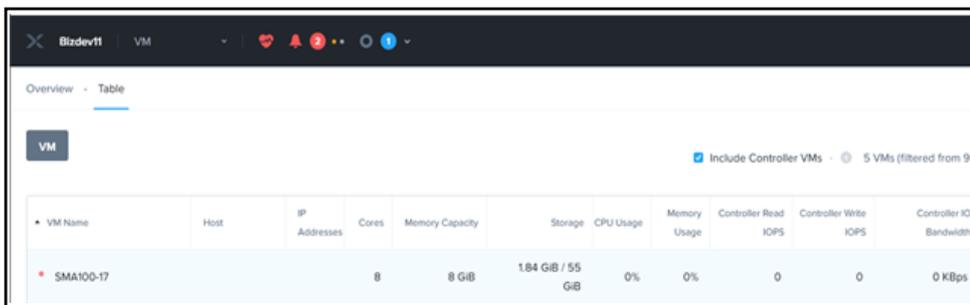
13 Navigate to **Network Adapter (NIC)** and click **+ Add New NIC**.



14 In the **Network Adapters** screen, select **NR_PRT_STATIC** and **NR_PRT_DHCP** options and click **Save**.

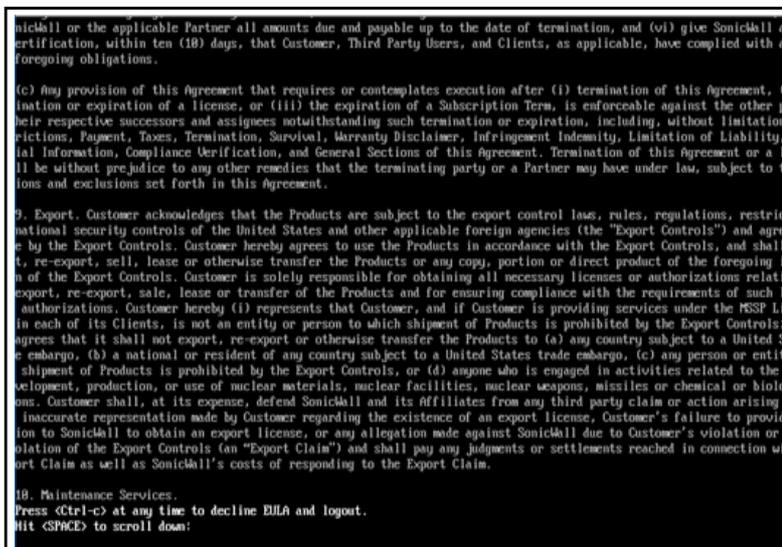


15 In the **VM** page, verify SMA 500v is successfully deployed on Prism



16 In the **VM** page, select the deployed VM and click **Power On**.

17 Launch the Console and run setup tool for X1 Interface configuration as shown in the below images.



```
SonicWall Secure Mobile Access
sslvpn login:
```

```
System Information
Model: SMA 500v for KUM
Serial Number: Unknown
Version: 10.2.1.0-17sv
CPU (Utilization): Intel(R) Xeon(R) CPU E5-2600 v2 @ 2.80GHz x 8 cores (0%)
Total Memory: 7.6 GB RAM (10%), 20GB Disk
System Time: 2021/07/11 23:12:15
Up Time: 0 Days 00:05:45
X0 IP Address: 10.16.34.184
X0 Subnet mask: 255.255.240.0
Default Gateway: 10.16.32.1 (X0)
Primary DNS: 10.5.252.167
Secondary DNS: n/a
Hostname: sslvpn
```

```
Main Menu
1. Setup Wizard
2. Reboot
3. Restart SSL VPN Services
4. Logout
5. Save TSR to Flash
6. Display EULA
```

```
Press <Ctrl-c> at any time to cancel changes and logout.
Select a number (1-6):
```

18 Run through setup wizard for X1 network interface, Subnet, and Gateway configuration.

```
Main Menu
1. Setup Wizard
2. Reboot
3. Restart SSL VPN Services
4. Logout
5. Save TSR to Flash
6. Display EULA

Press <Ctrl-c> at any time to cancel changes and logout.
Select a number (1-6): 1

Setup Wizard
The setup wizard will configure basic network settings.

Current Settings
X0 IP Address: 10.16.34.184
X0 Subnet mask: 255.255.240.0
Default Gateway: 10.16.32.1 (X0)
Primary DNS: 10.5.252.167
Secondary DNS: n/a
Hostname: sslvpn

X0 IP Address (default 10.16.34.184):
```

The SMA applies the changes and restarts, which causes you to lose your current connection. A progress bar is displayed while the settings are being applied. This process may take several minutes.

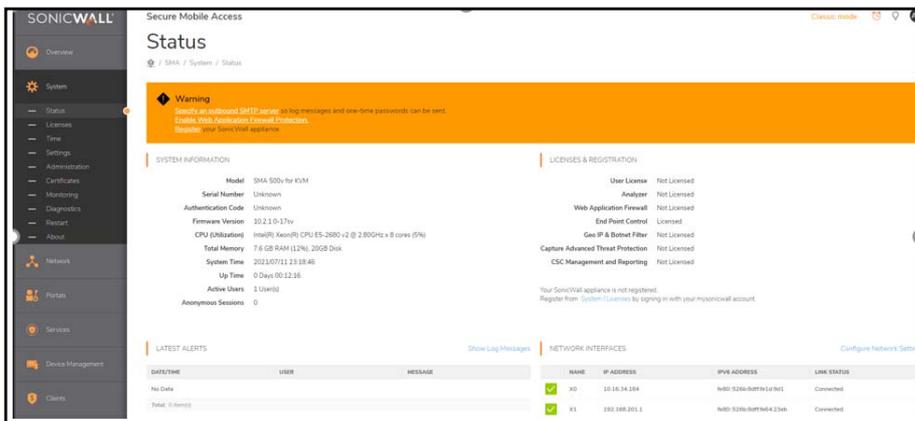
The SonicWall Secure Mobile Access log-in page is displayed

19 In the login page, type in the **Username** and Password and click Login.



You are logged into Appliance Management Console.

20 Navigate to **Status** page and verify the created Network interfaces are displayed.



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