# SONICWALL®

## Integration Guide: Secure Mobile Access 100 and Nutanix Prism

### August 2021

This document describes how to integrate SonicWall^ ${}^{\mathbb{R}}$  Secure Mobile Access (SMA) 500v and Nutanix Prism.

#### **Topics:**

- About Secure Mobile Access
- About Prism
- 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 solution s 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.

× Bisdevill	Home +		•• 0 • •		Q ? - 🗘   sonicual -
Hypervisor Sun		eral 0	Cluster wide Controller IOPS 634 IOP	i Health	Critical Alerts
AHV VERSION NUT 20190916.4	VM Storage Network	K 0.218 nch	0 MA 0C 80 MA 0C 70	30. CRITICAL	2 CRITICAL
Storage Summ		Logical *	Cluster-wide Controller IO B/W 8.06 MBp	Protection Domains • 2 • 11 • 12	Protection Domain Snapshot Failure 2 months ago
3.92718 free (*			07.30 AM 08.30 AM 09	Remote Sites • 1 • 0 • 0   30- Services • 1 • 0 • 0	Protection Domain Snapshot Failure 2 months ago
VM Summary			Cluster-wide Controller Latency 0 1.92 m	Data Resiliency Status	Warning Alerts
89 VM(5)	LCM Settings • Paused	Best Effort 50 39 0 0	2.92 ms 07.30 AM 08.30 AM 01	33. OK	3 WARNING 2 months ago 2 months ago

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

🗙 Bizdeviti   VM   🖤 🙏 🔕 ++ O 🕥 -		Q ? • 10   soricust •
Overview - Table		+ Create VM Network Config
VM		S Include Controller VMs · ◎ 1−10 of 89 ● · Ø · · Issarch in table Q.
The <b>Create VM</b> page is displayed.		
Create VM	? ×	
General Configuration		
Name SMA100-500v		
Description		
Optional		
Timezone		
(UTC) UTC	Cluster 🗸	

- 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.

	Create VM	? >
Compute Details		
vCPU(s)		
2		
Number Of Cores Per	vCPU	
4		
Mamana (2)		
Memory ()		

- 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.

Add Disk		?	×
Туре			
DISK			•
Operation			
Allocate on Storage Container			•
Bus Type			
SCSI			~
Storage Container			
default-container-12564 (3.92 TiB free)			~
Size (GiB) 🕜			
20			
Please note that reducing the size of a disk is not allowe	ed.		
Index			
Next Available			•
	Cancel	Ad	ld

#### 10 Click Add.

The disk is added.



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 Di:	sk	?	>
Туре			
DISK			•
Operation			
Clone from Image Service			•
Bus Type			
SCSI			*
Image 🕜			
SMA100-17sv			•
Size (GIB) ⑦			
20			
Please note that changing the size of an image	is not allowed.		
Index			
Next Available			~
	Cancel	Ad	d

12 Click Add.

The disk is added.

Disks		+	Add New Disk
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.

twork Adapters (NIC)			+ Add New NIC
	NETWORK		
VLAN ID	NAME	MAC	REQUESTED
3148	NR_PRT_S	TA	/ - X
	TIC		
3132	NR_PRT_D	н	2 · ×
	CP		

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

X Bizdevt1 VM	• I 🗢	<b>▲ ② ··</b>	0 (	•						
Overview - Table										
VM							۵	Include Controlle	rVMs · ◎ 5	VMs (filtered from 91)
VM Name	Host	IP Addresses	Cores	Memory Capacity	Storage	CPU Usage	Memory Usage	Controller Read IOPS	Controller Write IOPS	Controller IO Bandwidth
* SMA100-17			8	8 GiB	1.84 GIB / 55 GIB	0%	0%	0	0	0 KBps

- 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.





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



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.

SONICWALL Secure mobile access	
Login with your Secure Mobile Access account	
Login Domain; LocalDomain UserID	
Enterusemame	What is Secure Mobile Access Click on the link to learn more about Secure Mobile Access
Password Enter password	Secure Mobile Access Live Demo Learn more about Secure Mobile Access by watching the live demo
LOGN	SonicWall Security Center Provides a graphical view of worldwide attacks over the last 24 hours
Classic mode	

You are logged into Appliance Management Console.

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

Ś	ONICWALL	Secure Mobile Access			100 C						Classic mode	U	Q
9	) Overview	Status \$ / SMA / System / Status											
*	System Status o Licenses Time	Warning Steatly an outbound SM Enable: Web Assistation Besater your SomeWall	IE served so log messages and une-dm Served Protection appliance	e passwords can be sent.									
=	Settings Administration	SYSTEM INFORMATION				LICEN	SES à RE	GISTRATION					
1	Certificates	Model	SMA 500v for KVM					User License	Not Licensed				
	Montoring	Serial Number	Unknown					Analyzer	Not Licensed				
	Diagnostics	Authentication Code	Unknown				Web Ap	plication Firewall	Not Licensed				
-	Restart	Firmware Version	10.2.1.0-17sv					End Point Control	Licensed				
) -	About	CPU (Utilization)	Intel(R) Xeon(R) CPU E5-2680 v2 () 2.80	GHz x 8 cores (5%)			Geo	IP & Botnet Filter	Not Licensed				C
		Total Memory	7.6 G8 RAM (12%), 20G8 Disk			Capture A	dvanced	Threat Protection	Not Licensed				1
- <b>-</b> 2	Nietwark	System Time	2021/07/11 23:18:46			CSC F	fanageme	nt and Reporting	Not Licensed				
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۲	) Services	LATEST ALERTS			Show Log Messages	NETV	IORK INT	ERFACES			Configu	e Netwo	rk Setting
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		No Data					80	10 16 34 184		\$400-526b-50778-1d-5d1	Connected		_
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		Longer or standing				$\sim$	×1	192,168,201.1		8x80:5260-8x97.9x64.23x8	Connected		

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#### Legend

WARNING: A WARNING icon indicates a potential for property damage, personal injury, or death.

CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

**IMPORTANT NOTE, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.

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