

Versa·ti·li·ty 2023

Protect. Connect. Simplify.

Recent & Upcoming Innovations in Versa SASE solution

Deploying Large Scale SD-WAN Network with Speed & Efficiency

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VP Engineering, Versa Networks

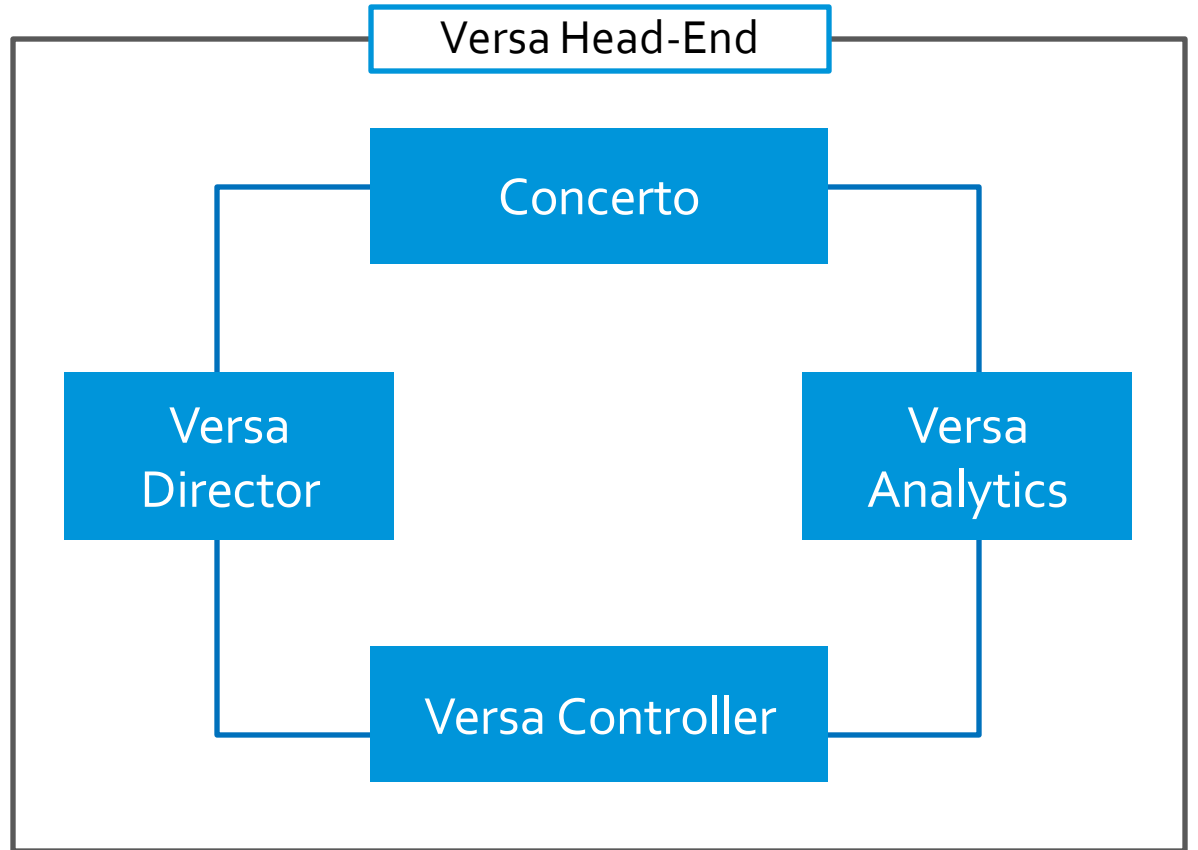


Agenda

- *Quick Overview of Versa Headend Components*
- *Large Scale SDWAN Network Deployment Case Study*
- *Design Configurations Profiles*
- *Design and Deploy Sites in Multiple Regions*
- *Monitor Network using Live and Historical Information*
- *Software and Security Packages Management on the Devices*
- *Demo*

Versa Headend Components

- ✓ Versa Concerto resides on top of Versa Director and Versa Analytics
- ✓ End-to-end service orchestration of Versa SD-WAN and Versa SSE
- ✓ Single plane of glass for visibility for Versa SD-WAN and Versa SSE with live and historical views
- ✓ Horizontally scalable architecture for growing Enterprise networks. Supports tens of thousands of CPEs
- ✓ Enhanced user experience

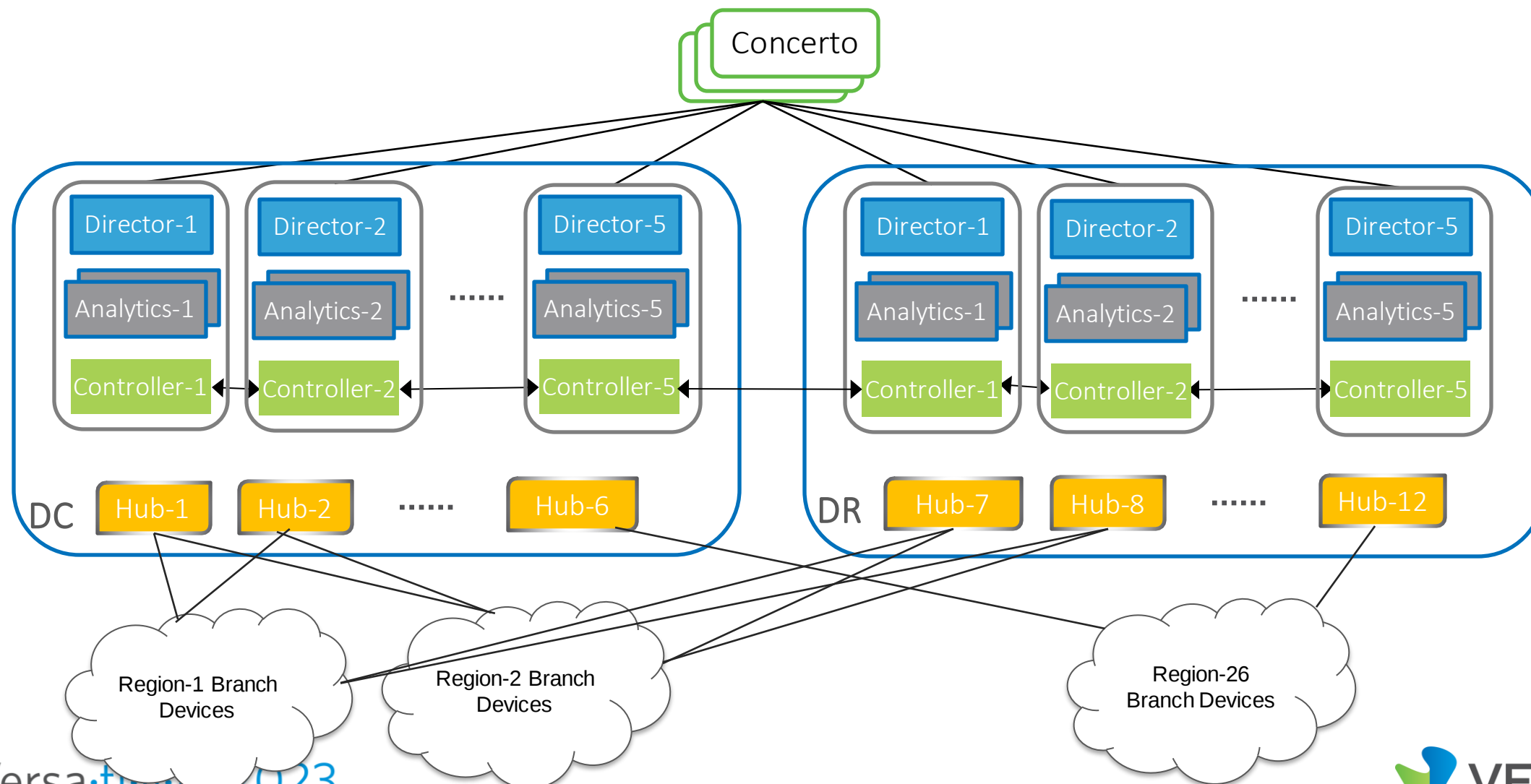


Large Scale SDWAN Network Deployment Case Study

Requirements:

- 12K+ Devices. 6000 Branch Locations with 2 Devices per Branch in HA
- Mostly Hub and Spoke Traffic Pattern
- 26 Regions with Region-Level Network Administrators
- Easy to Configure, Deploy and Monitor the Large Network
- Easy to Upgrade/Downgrade software at scale
- Generate Reports for Inventory, Alarms, Network Status at a Region level and for the Entire Network

Large Scale SDWAN Network Deployment Case Study

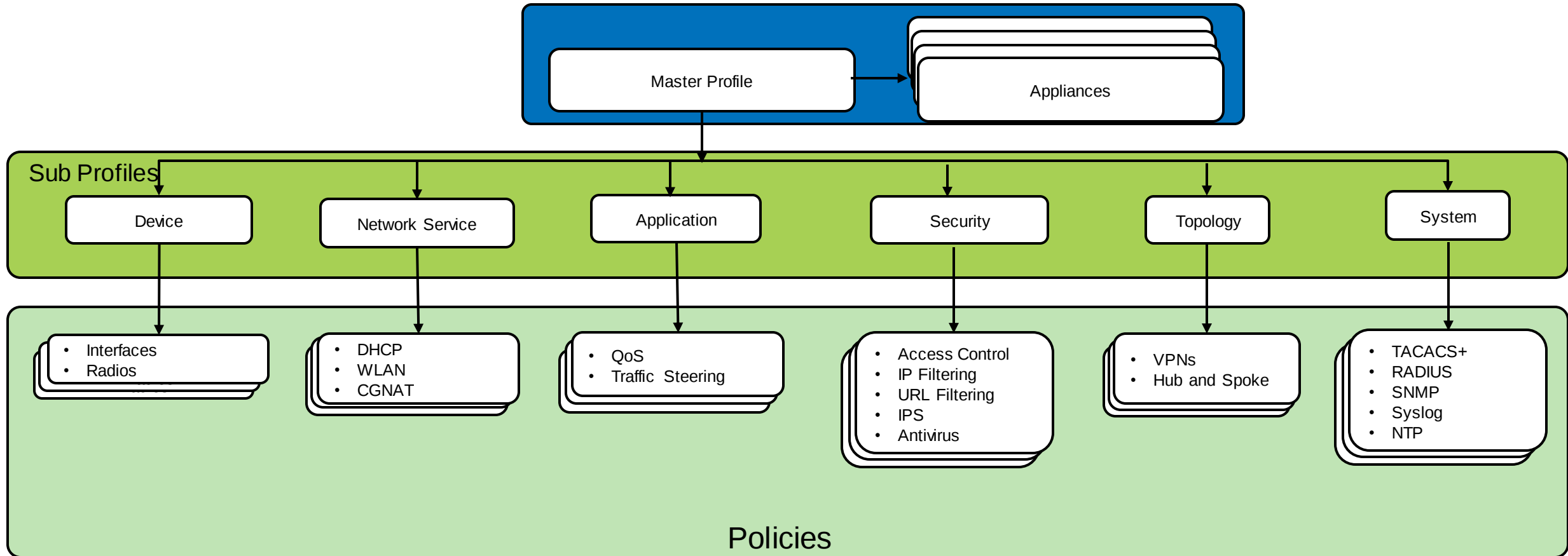


Design Configurations

Design Configuration Profiles

- Classify sites into multiple groups based on the site requirements
 - Number of LAN connections
 - With Guest network, without Guest Network
 - Security Policies
 - Sites with HA and no-HA
- Sites with different WAN connections or STATIC / DHCP address options can be placed into same category
- A single profile is required for Primary and Secondary appliances in HA site
- Build small number of configuration profiles that can be applied to 1000s of sites

Hierarchical and Reusable Configuration Objects



Master Profiles

VERSA

networks

wbacntrl

CONFIGURATION

America/Los_Angeles

English

Administrator

Service Provider Administrator

View

Configure

Deploy

Monitor

Analytics

Inventory

Users

Settings

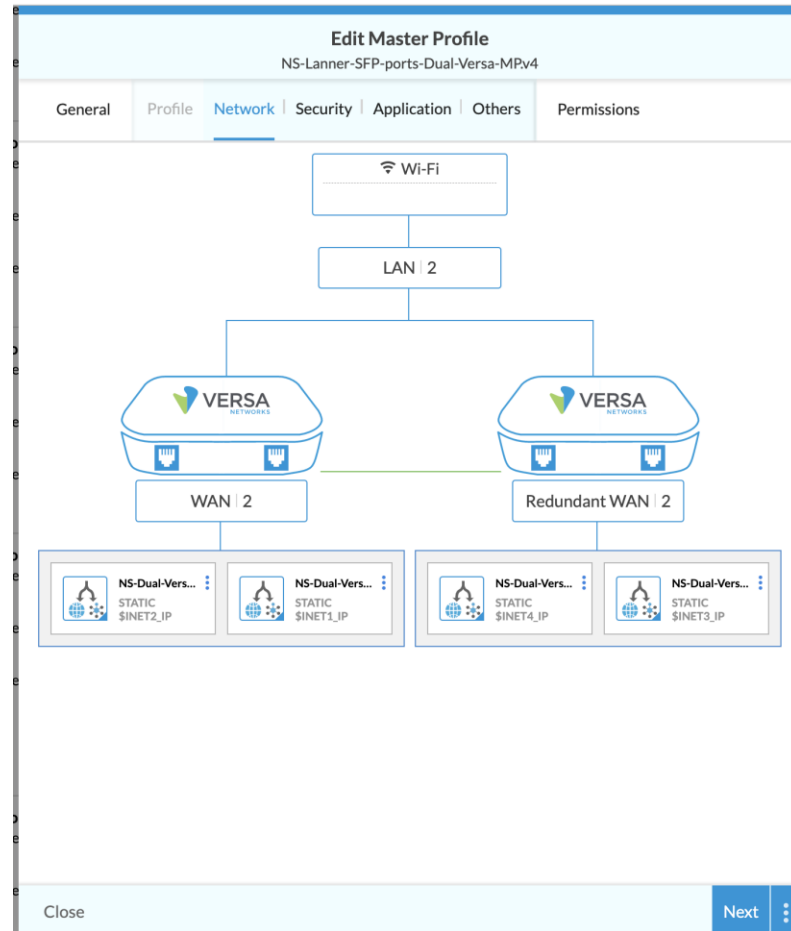
Tenants

Master Profile : Basic | 38

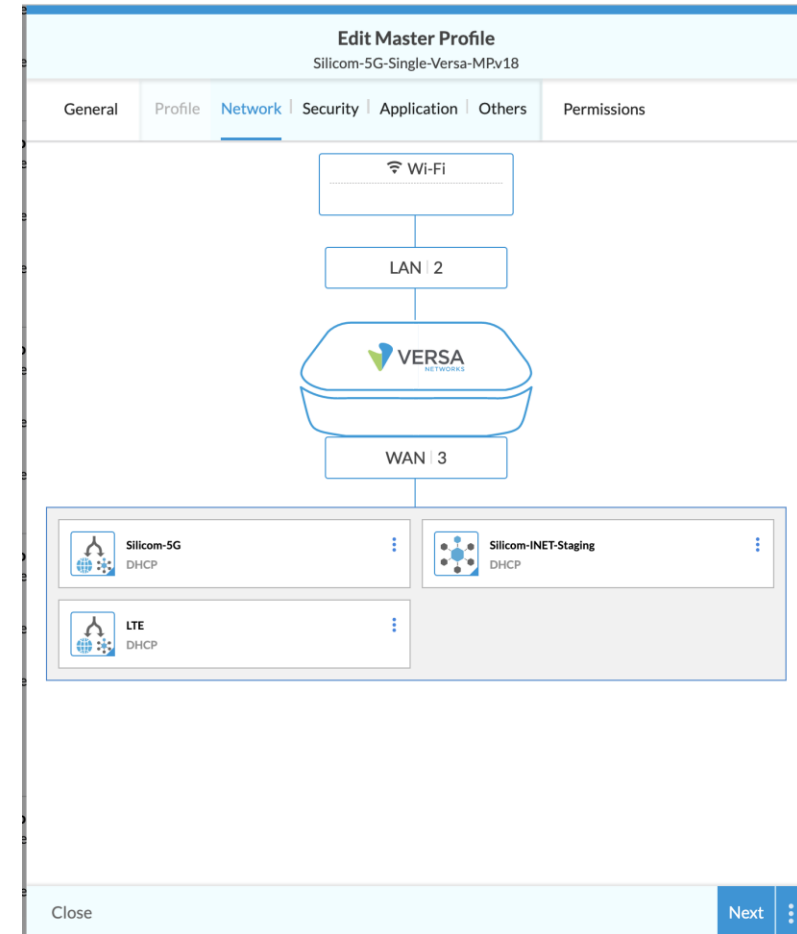
Search...

NAME	VERSION	DEVICE INTERFACE & NETWORK SERVICE		NETWORK APPLICATION		SECURITY		VARIABLES	LAST MODIFIED		
Hub-BMP-Simple	2 (2)	WAN 3 1 Wireless 2 Wired	WLAN 2 Guest-WiFi ACME-WiFi	LAN 3 Guest-WiFi Enterprise-WiFi Enterprise-LAN	QoS 1 Policy 0 Rules	Traffic Steering 1 Policy 0 Rules	Access Control 1 Policy 0 Rules Antivirus 1 Policy 0 Rules IPS 1 Policy 0 Rules	IP Filtering 1 Policy 0 Rules URL Filtering 1 Policy 0 Rules	• Password8To63 2 • Interface IP 3 • IP Address 1	2/2/2023, 4:49:43 P... Administrator	
Lanner-Single-Versa-MP	36 (13)	WAN 3 1 Wireless 2 Wired	WLAN 0	LAN 2 Lanner-DIA-LAN Lanner-LAN	QoS 1 Policy 0 Rules	Traffic Steering 1 Policy 3 Rules	Access Control 1 Policy 0 Rules Antivirus 1 Policy 0 Rules IPS 1 Policy 0 Rules	IP Filtering 1 Policy 0 Rules URL Filtering 1 Policy 0 Rules	VLAN ID 2 • IP Subnet 1 Password 3 • ASN 2 • Interface IP 3 • IP Address 1 String 2 BGP Neighbor 1	1/6/2023, 3:29:58 P... Administrator	
Silicom-WAN-CradlePoint-Single...	62 (8)	WAN 2 0 Wireless 2 Wired	WLAN 0	LAN 2 Silicom-DIA-LAN Silicom-LAN	QoS 1 Policy 0 Rules	Traffic Steering 1 Policy 3 Rules	Access Control 1 Policy 0 Rules Antivirus 1 Policy 0 Rules IPS 1 Policy 0 Rules	IP Filtering 1 Policy 0 Rules URL Filtering 1 Policy 0 Rules	VLAN ID 2 • IP Subnet 1 Password 3 • ASN 2 • Interface IP 3 • IP Address 1 String 2 BGP Neighbor 1	11/17/2022, 5:24:0... Administrator	
Lanner-DUAL_LTE-Single-Versa-MP	31 (3)	WAN 2 0 Wireless 2 Wired	WLAN 0	LAN 2 Lanner-DIA-LAN Lanner-LAN	QoS 1 Policy 0 Rules	Traffic Steering 1 Policy 3 Rules	Access Control 1 Policy 0 Rules Antivirus 1 Policy 0 Rules IPS 1 Policy 0 Rules	IP Filtering 1 Policy 0 Rules URL Filtering 1 Policy 0 Rules	VLAN ID 2 • IP Subnet 1 Password 3 • ASN 2 Interface IP 2 String 2 BGP Neighbor 1	11/14/2022, 2:02:0... admin	
Silicom-Single-Versa-MP	34 (14)	WAN 3 1 Wireless 2 Wired	WLAN 0	LAN 2 Silicom-DIA-LAN Silicom-LAN	QoS 1 Policy 0 Rules	Traffic Steering 1 Policy 3 Rules	Access Control 1 Policy 0 Rules Antivirus 1 Policy 0 Rules IPS 1 Policy 0 Rules	IP Filtering 1 Policy 0 Rules URL Filtering 1 Policy 0 Rules	VLAN ID 2 • IP Subnet 1 Password 3 • ASN 2 Interface IP 2 BGP Neighbor 1	11/9/2022, 7:49:09 ... Administrator	
Silicom-Single-Versa-MPv33-debu...	2	WAN 3 1 Wireless 2 Wired	WLAN 0	LAN 2 Silicom-DIA-LAN Silicom-LAN	QoS 1 Policy 0 Rules	Traffic Steering 1 Policy 3 Rules	Access Control 1 Policy 1 Rule Antivirus 1 Policy 0 Rules IPS 1 Policy 0 Rules	IP Filtering 1 Policy 0 Rules URL Filtering 1 Policy 0 Rules	VLAN ID 2 • IP Subnet 1 Password 3 • ASN 2 • Interface IP 3	11/2/2022, 12:04:5... pgudipati	

Dual Appliance Site Profile

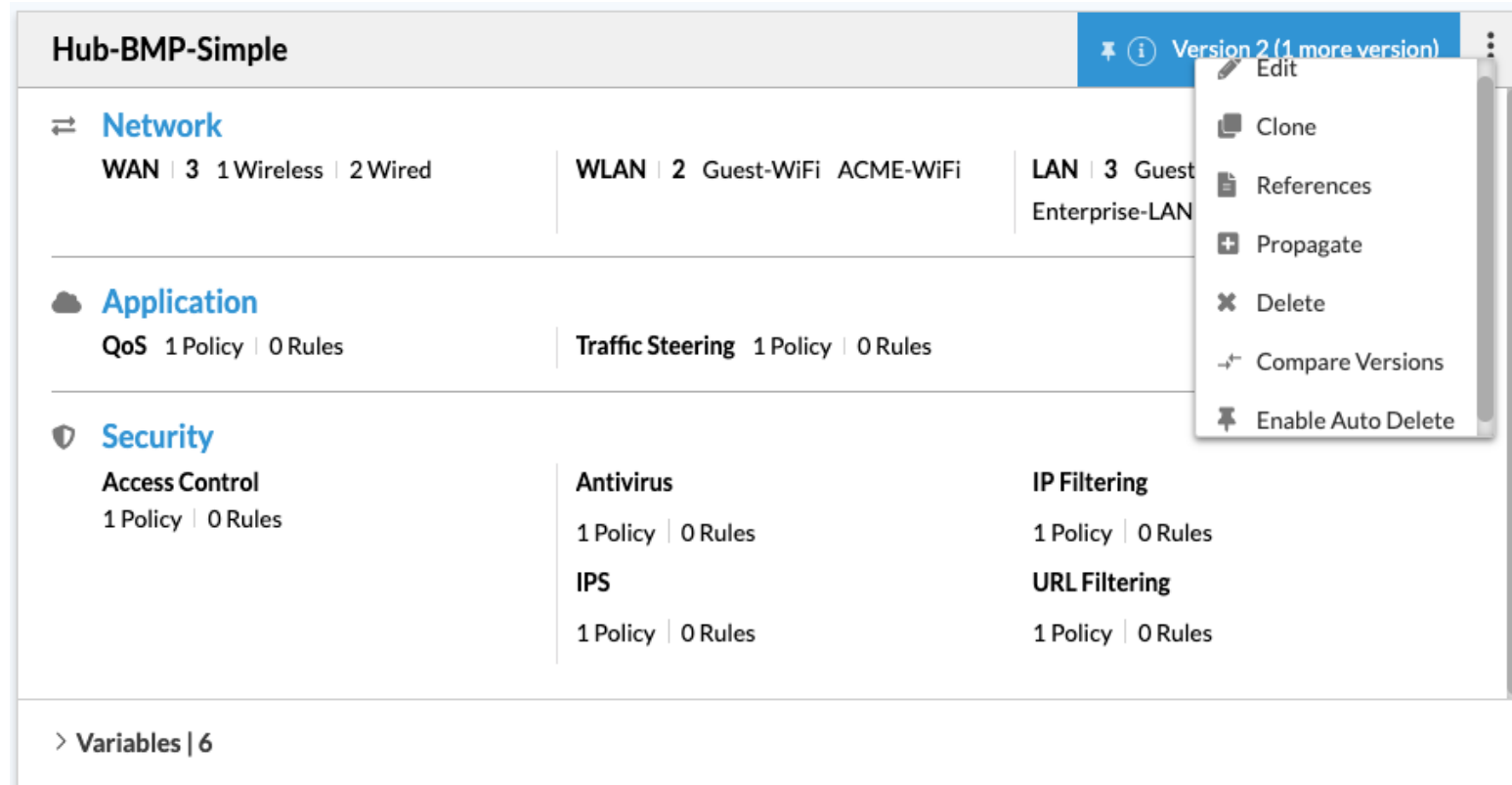


Single Appliance Site Profile



Actions on Configuration Objects

- Add, Delete, Update
- Clone
- Find References
- Propagate
- Compare Versions
- Enable/Disable auto-deletion of unused old versions of Configurations



Deploy Lifecycle

Deploy Sites and Publish Configurations



Regions

Set the Director headend serving the region

Select Hubs and their priorities serving the region



Sites

Create site with location information and the region it belongs to.



Appliance/Hub/Spoke

Create Appliance/Hub and set Configuration Profile.

If site requires HA, add it by clicking on "Add Redundancy" action on the Primary appliance.

Secondary appliance configuration comes from the profile applied on the Primary.

Fill bind variable values and publish.

Start ZTP process for the Appliance

Regions

View

Configure

Deploy

Monitor

Analytics

Inventory

Users

Settings

Regions | 16

+ Region

Search

NAME	DIRECTORS	HUBS	SITES	REGION ID	LAST MODIFIED	
DCA1-ABcd	DCA1	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 1217	1	6/29/2021, 11:34:20 AM olial7g	
DCA1-BAdc	DCA1	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 690	2	6/29/2021, 11:35:33 AM olial7g	
DCA2-ABcd	DCA2	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 1419	5	6/22/2021, 7:38:47 AM olial7g	
DCA2-BAdc	DCA2	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 638	6	6/22/2021, 7:42:55 AM olial7g	
DCA3-ABcd	DCA3	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 1213	9	7/21/2021, 9:03:00 AM v601721	
DCA3-BAdc	DCA3	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 710	10	6/22/2021, 7:45:13 AM olial7g	
DCA4-ABcd	DCA4	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 1162	13	6/22/2021, 7:46:14 AM olial7g	
DCA4-BAdc	DCA4	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 958	14	6/22/2021, 7:47:43 AM olial7g	
DCA5-ABcd	DCA5	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 139	17	6/22/2021, 7:34:14 AM v856928	
DCA5-BAdc	DCA5	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 146	18	6/22/2021, 7:35:25 AM v856928	

Showing 1-10 of 16 entries

10 rows

< Previous

1

2

Next >

Edit Region

DCA1-BAdc

General

Sites

Permissions

Name

DCA1-BAdc

Region Id

2

Hubs | 4

Hubs

Priority

wbansp1-00347z-32073209e021

1

wbansp1-00347z-32073209e003

2

wbansp1-00647z-32076791e022

3

wbansp1-00647z-32076791e021

4

Add Another

Directors | 1

Search By Directors

DCA1

Create Region

View

Configure

Deploy

Monitor

Analytics

Inventory

Users

Settings

Regions | 16

+ Region

Search

NAME	DIRECTORS	HUBS	SITES	REGION ID	LAST MODIFIED	
DCA1-ABcd	DCA1	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 1217	1	6/29/2021, 11:34:20 AM olial7g	 
DCA1-BAdc	DCA1	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 690	2	6/29/2021, 11:35:33 AM olial7g	 
DCA2-ABcd	DCA2	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 1419	5	6/22/2021, 7:38:47 AM olial7g	 
DCA2-BAdc	DCA2	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 638	6	6/22/2021, 7:42:55 AM olial7g	 
DCA3-ABcd	DCA3	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 1213	9	7/21/2021, 9:03:00 AM v601721	 
DCA3-BAdc	DCA3	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 710	10	6/22/2021, 7:45:13 AM olial7g	 
DCA4-ABcd	DCA4	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 1162	13	6/22/2021, 7:46:14 AM olial7g	 
DCA4-BAdc	DCA4	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 958	14	6/22/2021, 7:47:43 AM olial7g	 
DCA5-ABcd	DCA5	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 139	17	6/22/2021, 7:34:14 AM v856928	 
DCA5-BAdc	DCA5	wbansp1-00347z-32073209e0... wbansp1-00347z-32073209e0... wbansp1-00647z-32076791e0... wbansp1-00647z-32076791e0...	1 2 3 4 146	18	6/22/2021, 7:35:25 AM v856928	 

Showing 1-10 of 16 entries10 rows

< Previous12Next >

Edit Region		
DCA1-BAdc		
General Sites Permissions		
Search...		
Unselect All		690 items selected
✓ 00023-S	00023-S	×
✓ 00089-S	00089-S	×
✓ 00215-S	00215-S	×
✓ 00249-S	00249-S	×
✓ 00258-S	00258-S	×
✓ 00324-S	00324-S	×
✓ 00625-S	00625-S	×
✓ 00696-S	00696-S	×
✓ 00809-S	00809-S	×
✓ 01004-S	01004-S	×
✓ 01033-S	01033-S	×
✓ 01034-S	01034-S	×
✓ 01072-S	01072-S	×
✓ 01076-S	01076-S	×

 Create Site

Sites 8303

Search by site or appliance

Search...

Publish

SITE NAME	LOCATION	#APPLIANCES	SITE ALARMS	PUBLICATION STATUS	REGION	
00001-S	MOUNT PROSPECT IL USA	1		Current 1	DCA1-ABcd	⋮
00023-S	ALBUQUERQUE, NM, USA	1		Current 1	DCA1-BAdc	⋮
00039-S	ARLINGTON HEIGHTS IL USA	2		Pending Profile 1 Current 1	DCA3-ABcd	⋮
00068-1	EL PASO, TX, USA	1		Current 1	DCA5-ABcd	⋮
00074-S	BOYNTON BEACH FL USA	1		Current 1	DCA3-BAdc	⋮
00089-S	BRIDGEVIEW, IL, USA	2		Current 2	DCA1-BAdc	⋮
00101-S	CASTRO VALLEY CA USA	1	2	Current 1	DCA4-ABcd	⋮
00147-S	CHICAGO, IL, USA	2		Current 2	DCA3-ABcd	⋮
00162-S	CHICAGO, IL, USA	2		Current 2	DCA3-ABcd	⋮
00178-S	CHICAGO, IL, USA	2		Current 1 Failed Publication 1	DCA4-BAdc	⋮

Add Site

Showing 1-10 of 8303 entries 10 Sites

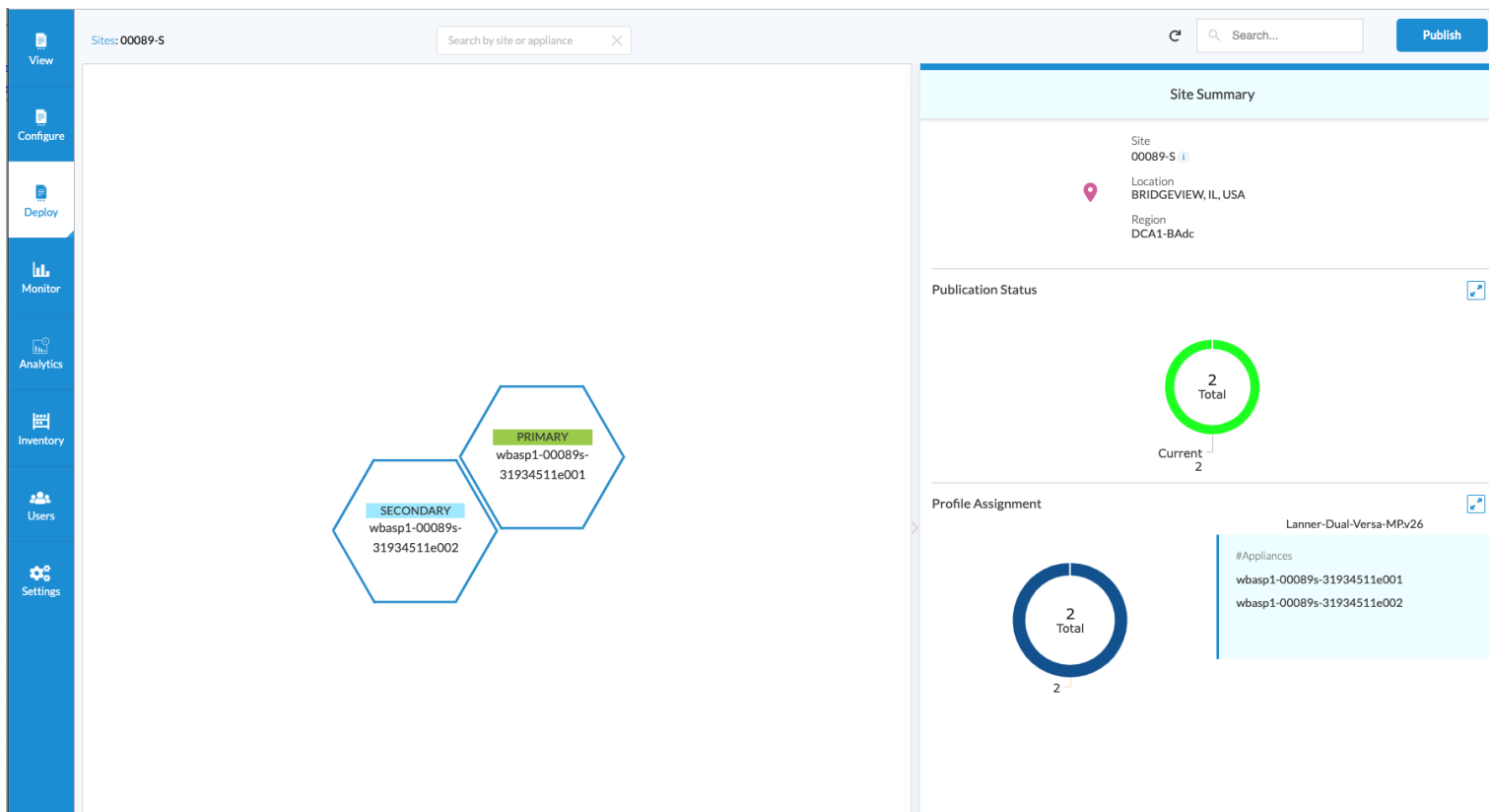
< Previous

1 2 3 4 5 ...831

Next >

Edit Site	
00089-S	
Name	00089-S
Region	DCA1-BAdc
Address	S HARLEM AVE
City	BRIDGEVIEW
State	IL
Country	USA
Zip Code	60455
Director	DCA1

Create Appliance



Edit Appliance

Name
wbasp1-00089s-31934511e001

ZTP Type
[Serial Number](#) [URL](#)

Serial Number
LR202003011150

RMA Serial Number

Model
Select

Staging Controller
wbacntrl-dca1blmgtn-32434531e012

VPN Profile
INET-wbacntrl-dca1blmgtn-32434531e012-Sta...

Bandwidth
50 Mbps

Site
00089-S

Email

Profile
Lanner-Dual-Versa-MPv26 [Change](#)

Fill Bind Variable Values

Bind Variables

View

Configure

Deploy

Monitor

Analytics

Inventory

Users

Settings

Tenants

Sites: 00089-S

Search by site or appliance

Search...

Publish

SECONDARY
wbasp1-00089s-31934511e002

PRIMARY
wbasp1-00089s-31934511e001

Set Profile
Publish

Delete Appliance

View Configuration

View History

View Variables

Sync From Director

Site Summary

Site
00089-S

Location
BRIDGEVIEW, IL, USA

Region
DCA1-BAdc

Publication Status

2
Total

Current
2

Profile Assignment

Lanner-Dual-Versa-MPv26

#Appliances
wbasp1-00089s-31934511e001
wbasp1-00089s-31934511e002

Showing page 1 of 1 10 Appliances

< Previous 1 Next >

Variables | 15

Lanner-Dual-Versa-MPv26

Types | 8

Interface IP | 3

IP Subnet | 1

VLAN ID | 2

ASN | 2

Password | 3

BGP Neighbor | 1

IP Address | 1

Interface IP | 3

String | 2

Name & Value

INET1_IP
DHCP

LAN_DIA_IP
192.168.1.1/24

192.168.1.1/24

LAN_IP
172.24.5.161/30

172.24.5.169/30

Configuration Change Propagation

- Configuration change propagation workflow wizard
 - Changes to any reusable configuration can be propagated using wizard to some or all the affected configuration profiles also to some or all the affected Appliances

Configure > Secure SD-WAN > Rule > Application > Traffic Steering

Propagate Configuration

1 SELECT REFERENCE OBJECTS 2 CONFIGURATION STATUS

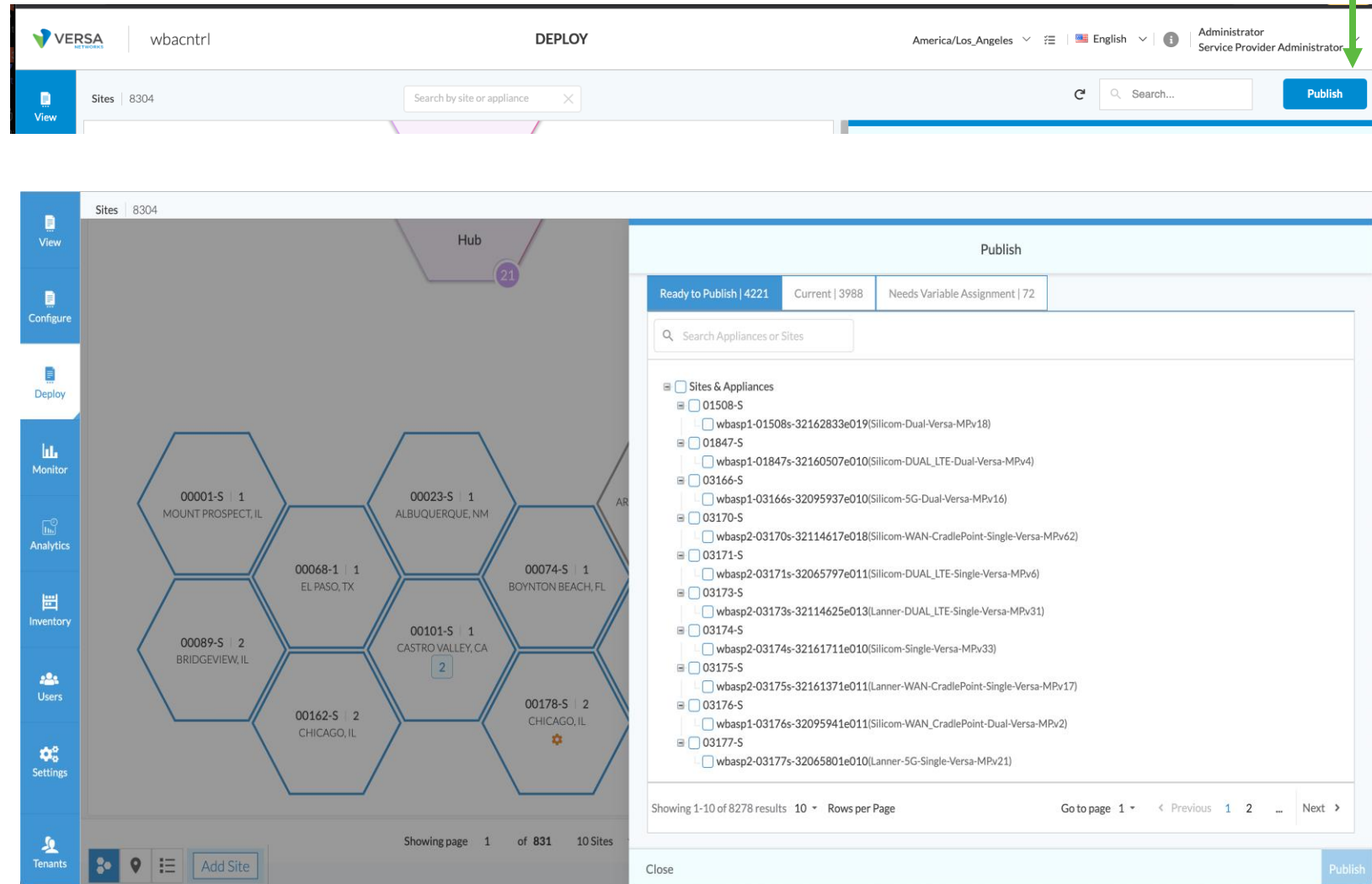
Select the reference objects to include in the configuration for Entity: Default_Rule.v4

☒ Unselect All ☒ Expand All ☐ Only Show Selected Objects

Reference Objects	Tenants
☒ wbas2-02325s-32114347e019v1 (Appliance)	☒ wbacontr1
☒ wbas3-09839s-32052739e017v1 (Appliance)	☒ wbacontr1
☒ wbas3-21170s-32035889e005v1 (Appliance)	☒ wbacontr1
☒ wbas3-10251s-32003765e009v1 (Appliance)	☒ wbacontr1
☒ wbas3-12405s-32036989e020v1 (Appliance)	☒ wbacontr1
☒ Lanner-WAN-CradlePoint-Single-Versa-MPv9 (Basic Master Profile)	☒ wbacontr1
☒ wbas3-06752s-32156435e014v1 (Appliance)	☒ wbacontr1
☒ wbas3-10943s-32114527e018v1 (Appliance)	☒ wbacontr1
☒ wbas3-06697s-32106823e012v1 (Appliance)	☒ wbacontr1
☒ wbas3-18085s-32222977e011v1 (Appliance)	☒ wbacontr1
☒ wbas3-12009s-32114735e010v1 (Appliance)	☒ wbacontr1
☒ wbas3-12049s-32114743e020v1 (Appliance)	☒ wbacontr1
☒ wbas3-09677s-32052011e025v1 (Appliance)	☒ wbacontr1
☒ wbas3-09667s-32046269e028v1 (Appliance)	☒ wbacontr1
☒ wbas3-15094s-32165973e009v1 (Appliance)	☒ wbacontr1

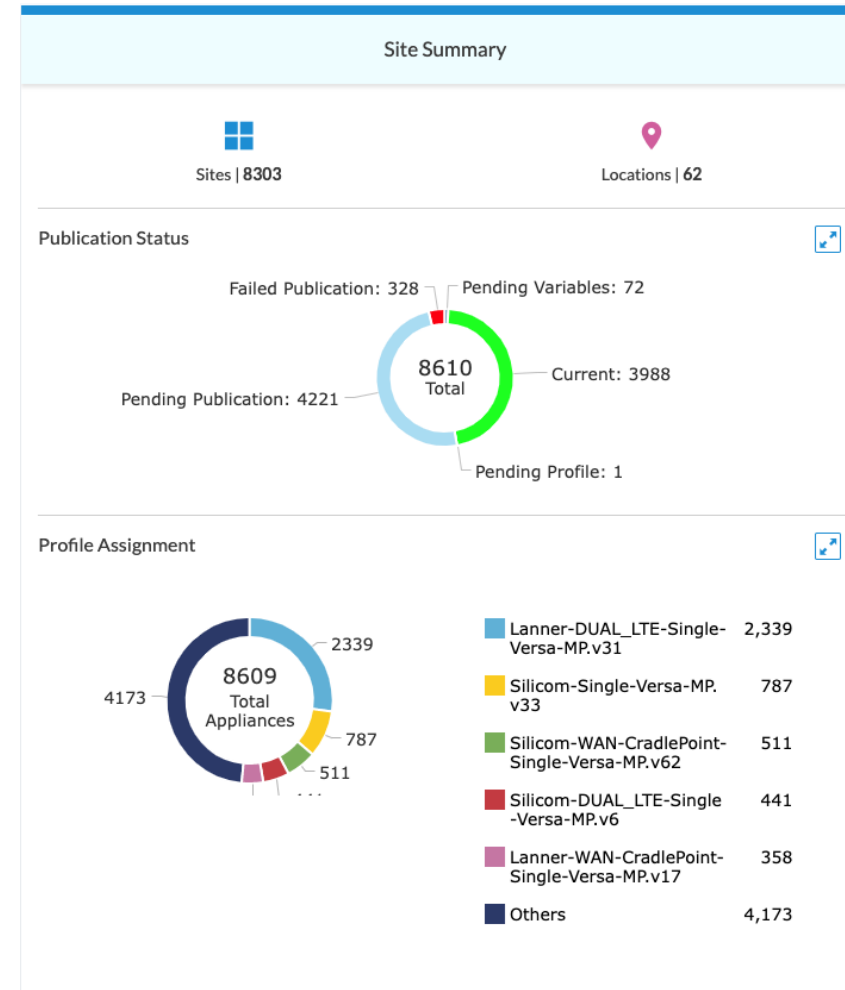
Global Publish Button

- Global Publish button on UI lets users view the Appliances in various publication states
 - Appliance can be in one of these states:
 - *Pending Publication*
 - *Pending Variable Values*
 - *Failed Publication*
 - *Current*
 - User can select many appliances at once and Publish configuration changes with single click



Appliances Publication Status Summary View

- Configuration Profile to Appliances association view
- Appliances Publication state view



Appliances Profile Assignment Drilldown View

- User can view all the Appliances associated with a given profile
- This information can be downloaded for all the profiles or for a given profile in CSV format

PROFILE NAME	SITES	#APPLIANCES
Lanner-DUAL_LTE-Single-Versa-MPv31	00001-S 00101-S 00232-S + 2336 More	2339
Silicom-Single-Versa-MPv33	15368 01376-S 01450-S + 784 More	787
Silicom-WAN-CradlePoint-Single-Versa-MPv62	00748-S 01253-S 01327-S + 507 More	511
Silicom-DUAL_LTE-Single-Versa-MPv6	00252-S 00625-S 00890-S + 437 More	441
Lanner-WAN-CradlePoint-Single-Versa-MPv17	00209-S 01164-S 01173-S + 355 More	358
Lanner-Single-Versa-MPv32-Custom	05563-S 05605-S 05636-S + 341 More	344
Silicom-DUAL_LTE-Single-Versa-MPv5	04115-S 05528-S 05535-S + 324 More	327
Lanner-Single-Versa-MPv34	00023-S 00249-S 00696-S	299

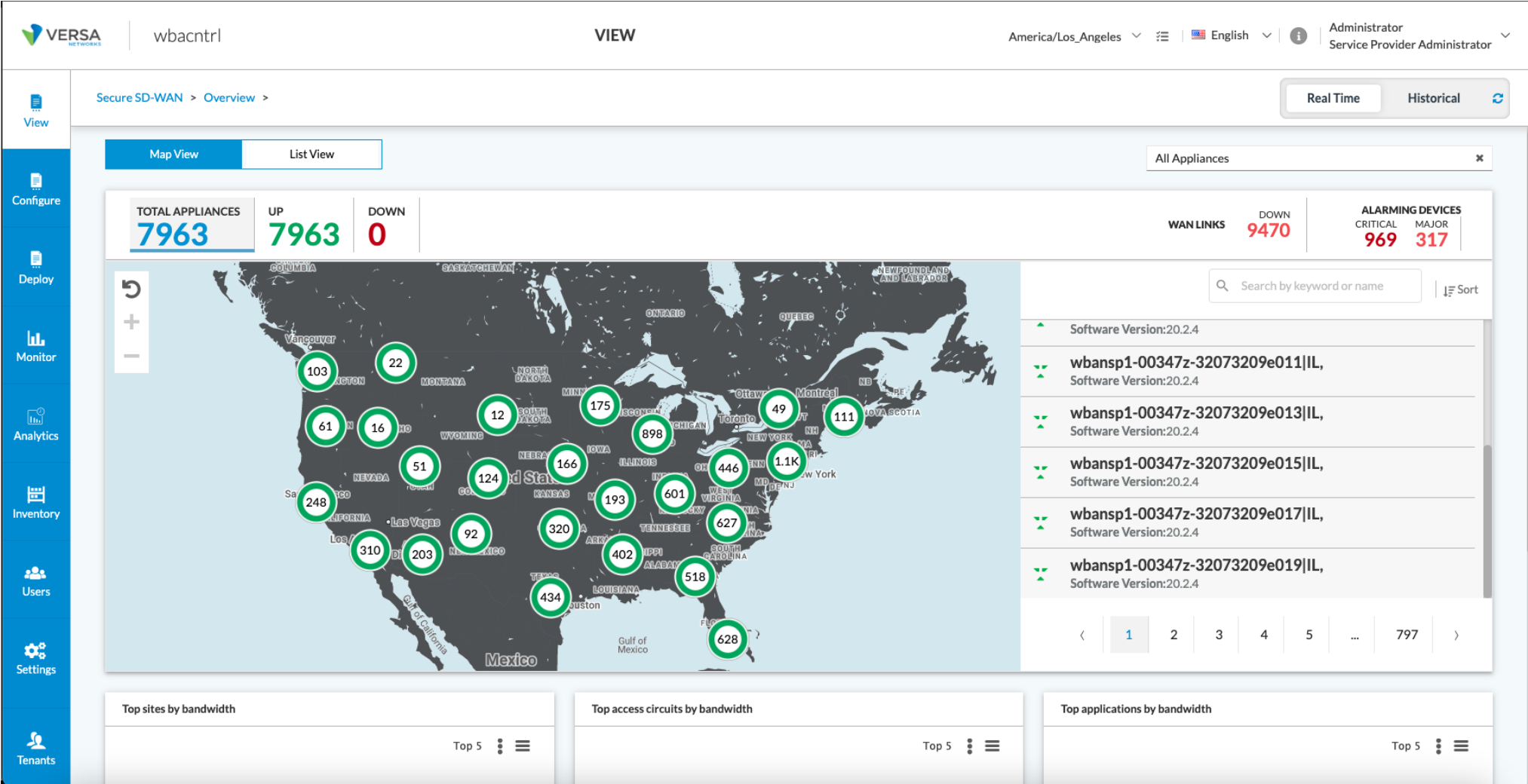
Summary Silicom-DUAL_LTE-Single-Versa-MPv6		
Site	#Appliances	Appliances
00252-S	1	wbasp2-00252s-32113631e024
00625-S	1	wbasp2-00625s-32065719e026
00890-S	1	wbasp2-00890s-32064909e025
00893-S	1	wbasp2-00893s-32064911e016
00896-S	1	wbasp2-00896s-32064913e015
01042-S	1	wbasp2-01042s-32113287e015
01076-S	1	wbasp2-01076s-32113257e016
01166-S	1	wbasp2-01166s-32161641e012
01230-S	1	wbasp2-01230s-32113453e010
01279-S	1	wbasp2-01279s-32161629e023
01518-S	1	wbasp2-01518s-32093653e016
01572-S	1	wbasp2-01572s-32160787e014
01616-S	1	wbasp2-01616s-32160873e017
01918-S	1	wbasp2-01918s-32160881e022
01994-S	1	wbasp2-01994s-32113483e016
02012-S	1	wbasp2-02012s-32093005e024
02026-S	1	wbasp2-02026s-32161519e010
02150-S	1	wbasp2-02150s-32113605e010
02156-S	1	wbasp2-02156s-32114113e012
02219-S	1	wbasp2-02219s-32065735e020
02222-S	1	wbasp2-02222s-32161503e017

Sites Deployment Automation using Script

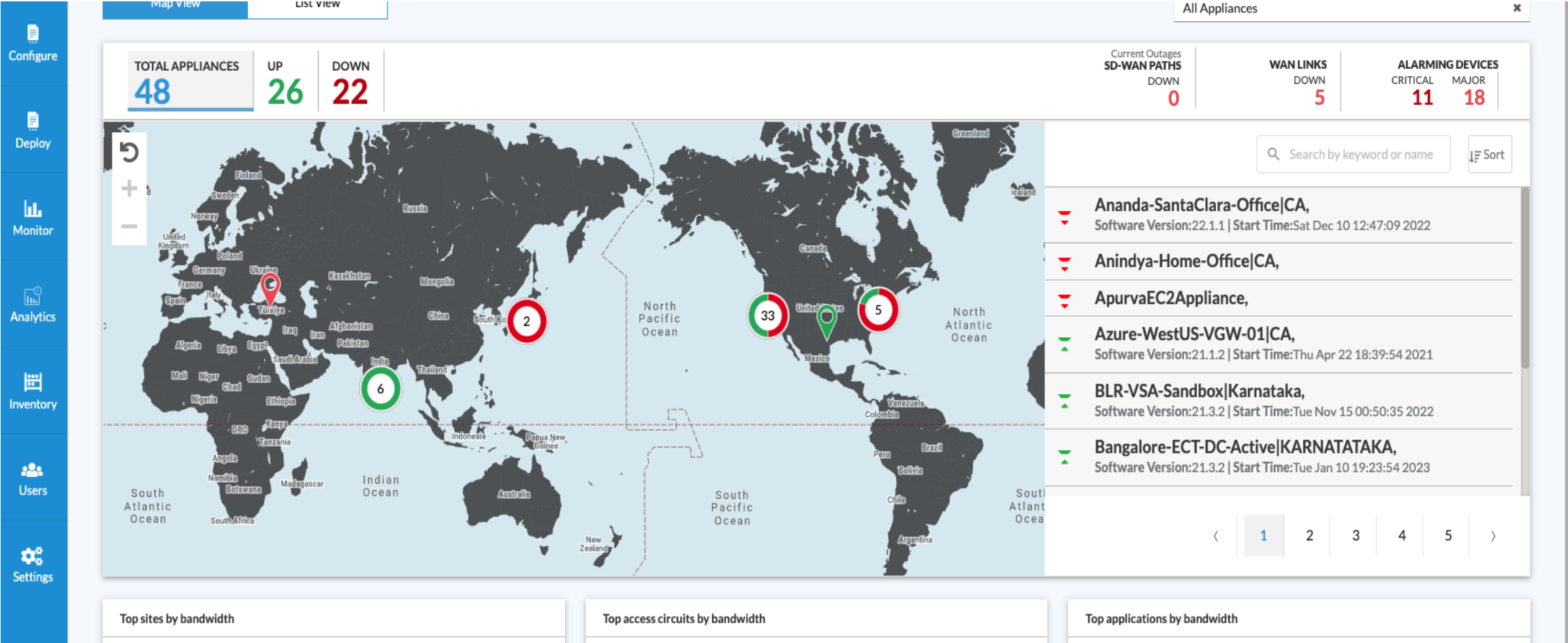
- Versa Provides Python Script that takes multiple sites/appliances information in CSV format
- Script make REST API calls to Concerto to deploy the Sites/Appliances and Publish
- In future release, Concerto portal will accept CSV file and deploys the Sites/Appliances automatically

Network Visibility & Troubleshooting

Secure SDWAN Overview



Summary View



Alarms Summary

Secure SD-WAN > Overview > Real Time Historical

Map View List View All Appliances

TOTAL APPLIANCES 7963 **UP** 7963 **DOWN** 0

WAN LINKS **DOWN** 9470

ALARMING DEVICES
CRITICAL 969 MAJOR 317

Appliances with alarms Alarm Details

[Download CSV Report](#)

APPLIANCE NAME	CRITICAL	MAJOR	MINOR	INFO
wbasp3-11340s-32110201e026	4	214	1	0
wbasp2-04591s-32112933e010	0	170	1	2
wbasp3-19592s-32214563e011	0	170	0	2
wbasp3-07541s-32109521e010	0	169	0	2
wbasp3-16034s-31965311e001	0	170	0	0
wbasp3-15010s-32159279e012	0	156	0	2
wbasp3-19542s-32218669e011	0	156	1	0
wbasp3-06580s-32157085e011	0	153	0	0
wbasp3-09078s-32111411e010	0	138	0	2
wbasp3-07667s-32157135e014	0	137	0	2

Showing 1-10 of 2298 results 10 Rows per Page

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Alarms

Secure SD-WAN > Overview >

Real Time Historical

Map View List View

All Appliances

TOTAL APPLIANCES 7963 UP 7963 DOWN 0

WAN LINKS DOWN 9470

ALARMING DEVICES CRITICAL 969 MAJOR 317

Appliances with alarms Alarm Details

Download CSV Report

TIMESTAMP	APPLIANCE NAME	ALARM TYPE	ALARM SEVERITY	ALARM TEXT
2022-07-05 10:31:45.601	wbsp3-15127s-32016745e027	appliance-services-state-changed	Critical	appliance-services-state-changed Versa Appliance wbsp3-15127s-32016745e027 : Services Status changed from GOOD to UNKNOWN. Additional information[]
2022-07-05 10:31:45.601	wbsp2-05291s-32160703e013	appliance-services-state-changed	Critical	appliance-services-state-changed Versa Appliance wbsp2-05291s-32160703e013 : Services Status changed from GOOD to UNKNOWN. Additional information[]
2022-07-05 10:31:15.608	wbsp2-03926s-32092505e012	appliance-services-state-changed	Critical	appliance-services-state-changed Versa Appliance wbsp2-03926s-32092505e012 : Services Status changed from GOOD to UNKNOWN. Additional information[]
2022-07-05 10:31:14.608	wbsp3-10207s-32159537e022	appliance-services-state-changed	Critical	appliance-services-state-changed Versa Appliance wbsp3-10207s-32159537e022 : Services Status changed from GOOD to UNKNOWN. Additional information[]
2022-07-05 10:30:59.608	wbsp3-10333s-32106547e016	appliance-services-state-changed	Critical	appliance-services-state-changed Versa Appliance wbsp3-10333s-32106547e016 : Services Status changed from GOOD to UNKNOWN. Additional information[]
2022-07-05 10:30:30.457	wbsp3-07916s-32157541e011	appliance-services-state-changed	Critical	appliance-services-state-changed Versa Appliance wbsp3-07916s-32157541e011 : Services Status changed from GOOD to UNKNOWN. Additional information[]
2022-07-05 10:29:16.385	wbsp3-05309s-32052771e017	appliance-services-state-changed	Critical	appliance-services-state-changed Versa Appliance wbsp3-05309s-32052771e017 : Services Status changed from GOOD to UNKNOWN. Additional information[]
2022-07-05 10:29:16.385	wbsp3-05830s-32017347e020	appliance-services-state-changed	Critical	appliance-services-state-changed Versa Appliance wbsp3-05830s-32017347e020 : Services Status changed from GOOD to UNKNOWN. Additional information[]
2022-07-05 10:28:46.385	wbsp3-21150s-32035865e014	appliance-services-state-changed	Critical	appliance-services-state-changed Versa Appliance wbsp3-21150s-32035865e014 : Services Status changed from GOOD to UNKNOWN. Additional information[]
2022-07-05 10:28:30.619	wbsp2-04549s-32162601e010	appliance-services-state-changed	Critical	appliance-services-state-changed Versa Appliance wbsp2-04549s-32162601e010 : Services Status changed from GOOD to UNKNOWN. Additional information[]

Showing 21-30 of 17536 results 10 Rows per Page

Go to page 3 < Previous ... 3 ... Next >

Network Visibility

View

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Secure SD-WAN > Overview >

Real TimeHistorical

Map ViewList View

All Appliances

TOTAL APPLIANCES
7963

UP
7963

DOWN
0

WAN LINKS

DOWN
9470

ALARMING DEVICES

CRITICAL
969

MAJOR
317

Search by keyword or name

Sort

Download CSV Report

APPLIANCE NAME	INTERFACE NAME	IP ADDRESS	STATUS
wbasp3-59580-32049017e001	INET-Staging	N/A	DOWN
wbasp3-21392s-32106617e024	INET1	N/A	DOWN
wbasp3-21380s-33721829e017	LTE	N/A	DOWN
wbasp3-21369s-33950541e003	INET1	N/A	DOWN
wbasp3-21362s-34348919e002	LTE	N/A	DOWN
wbasp3-21330s-34328525e004	INET1	N/A	DOWN
wbasp3-21320s-32245583e005	INET1	97.77.68.246/30	DOWN
wbasp3-21319s-32223057e010	INET-Staging	N/A	DOWN
wbasp3-21285s-32217089e007	INET-Staging	N/A	DOWN
wbasp3-21285s-32217089e007	INET1	174.99.132.58/30	DOWN

Showing 1-10 of 2965 results10Rows per Page

Go to page 1Previous12Next

Appliance Level Visibility

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Secure SD-WAN > Overview > Interfaces: Chaganti-Office >

Fabric

Chaganti-Office

Last 7 days

CHAGANTI-OFFICE

Santa Clara, CA, USA

Site ID: 103951

Status: Reachable

Profile: Chaganti-Office-MP_2

HARDWARE

CPU Count/Cores: 8

Manufacturer: Versa Networks, Inc.

Model#: CSG770

Disk Size: 100.58GiB

Memory: 15.51GiB

SKU:

SOFTWARE

Branch: 21.2.3

Package Name: versa-flexvnf-20220730-150211-67ff6c7-21.2.3-wsm

Interfaces

Applications

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Tunnels

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Troubleshoot

Physical and Logical Interfaces

Usage

0 WAN vni-0/0.0

4G LTE vni-0/100.0

2 LAN vni-0/2.0

Wi-Fi vni-0/200.0

PORT 0

LOCATION vni-0/0.0

View Physical Port

Port Information	DESCRIPTION	HOST IF	IF ADMIN STATUS	IF OPER STATUS	MAC
	WAN interface for circuit name Internet-1	eth1	up	up	ac:43:30:00:3b:e5
	MTU 1500				

Circuit Information	PORT TYPE	PROVIDER	TRANSPORT TYPE
	WAN	COMCAST-7922	-

WiFi Interface View with Connected Devices

View

Configure

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Secure SD-WAN > Overview > Interfaces: Chaganti-Office >

Fabric

CHAGANTI-OFFICE

Interfaces

Applications

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Tunnels

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Troubleshoot

Physical and Logical Interfaces

Usage

0 WAN vni-0/0.0

4G LTE LTE vni-0/100.0

2 LAN vni-0/2.0

Wi-Fi Wi-Fi vni-0/200.0

PORT 200

Live

Historic

Port Information

DESCRIPTION
LAN interface Enterprise-WiFi

HOST IF
wlan_vni_200

IF ADMIN STATUS
up

IF OPER STATUS
up

VRF
Corp-Inline-Customer-1-LAN-VR

MAC
ac:43:ff:00:00:01

MTU
1500

Speeds

UPSTREAM TRAFFIC
148.7 KB

DOWNSTREAM TRAFFIC
387.5 KB

DUPLEX
full-duplex

IP Addressing

CONNECTION NAME
Enterprise-WiFi

IP ADDRESS
172.16.50.1/24

Wi-Fi

NETWORK NAME (SSID)
Versa-Virus

SECURITY MODE
wpa2-psk

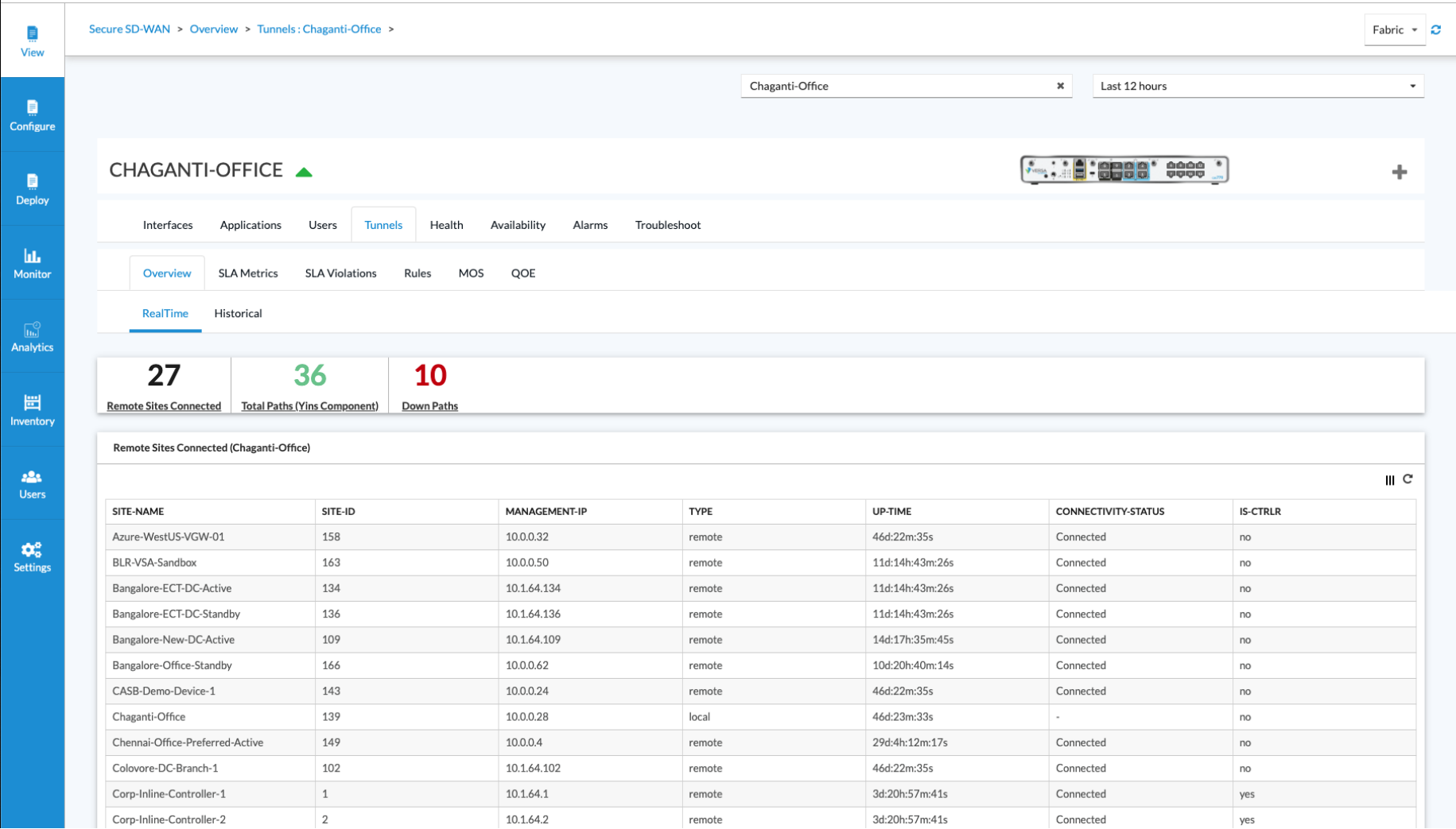
CHANNEL
6 (2.437 GHz, 40 MHz)/100 (5.5 GHz, 80 MHz)

CLIENTS CONNECTED
2/1

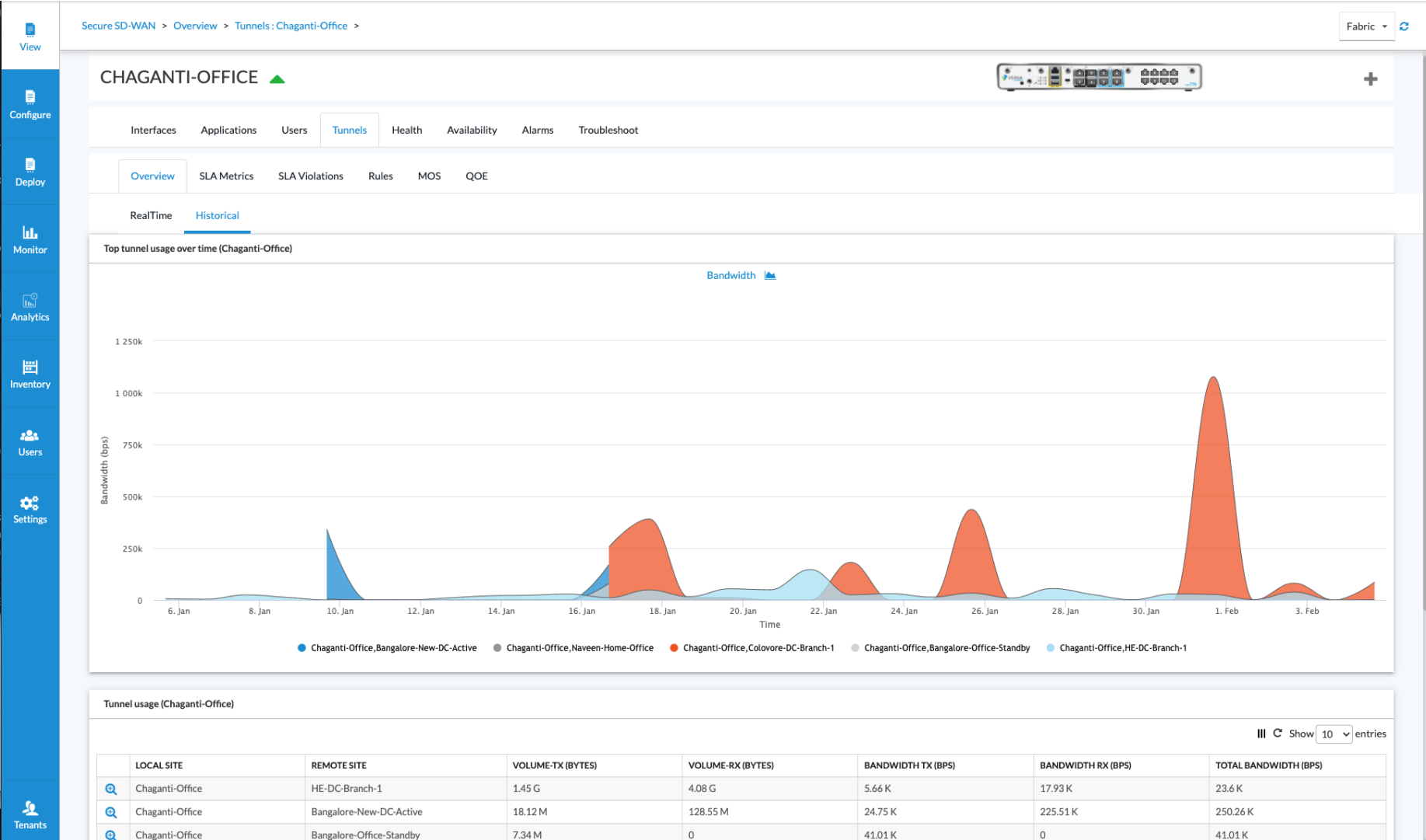
Connected Devices

Device	IP Address	MAC Address	TX (Bytes)	RX (Bytes)	SNR	Uptime	Band	Signal Strength
none	172.16.50.13	b6:89:a4:11:91:1c	163.3 KB	609.2 KB	24	5570	2.437 GHz	-71 dBm
Chaganti-MacBook	172.16.50.6	3c:22:fb:e2:ce:cd	37.2 MB	4.2 MB	36	150	2.437 GHz	-59 dBm
none	172.16.50.12	7a:3b:96:12:ea:1c	76.5 MB	43.5 MB	20	365293	5.5 GHz	-75 dBm

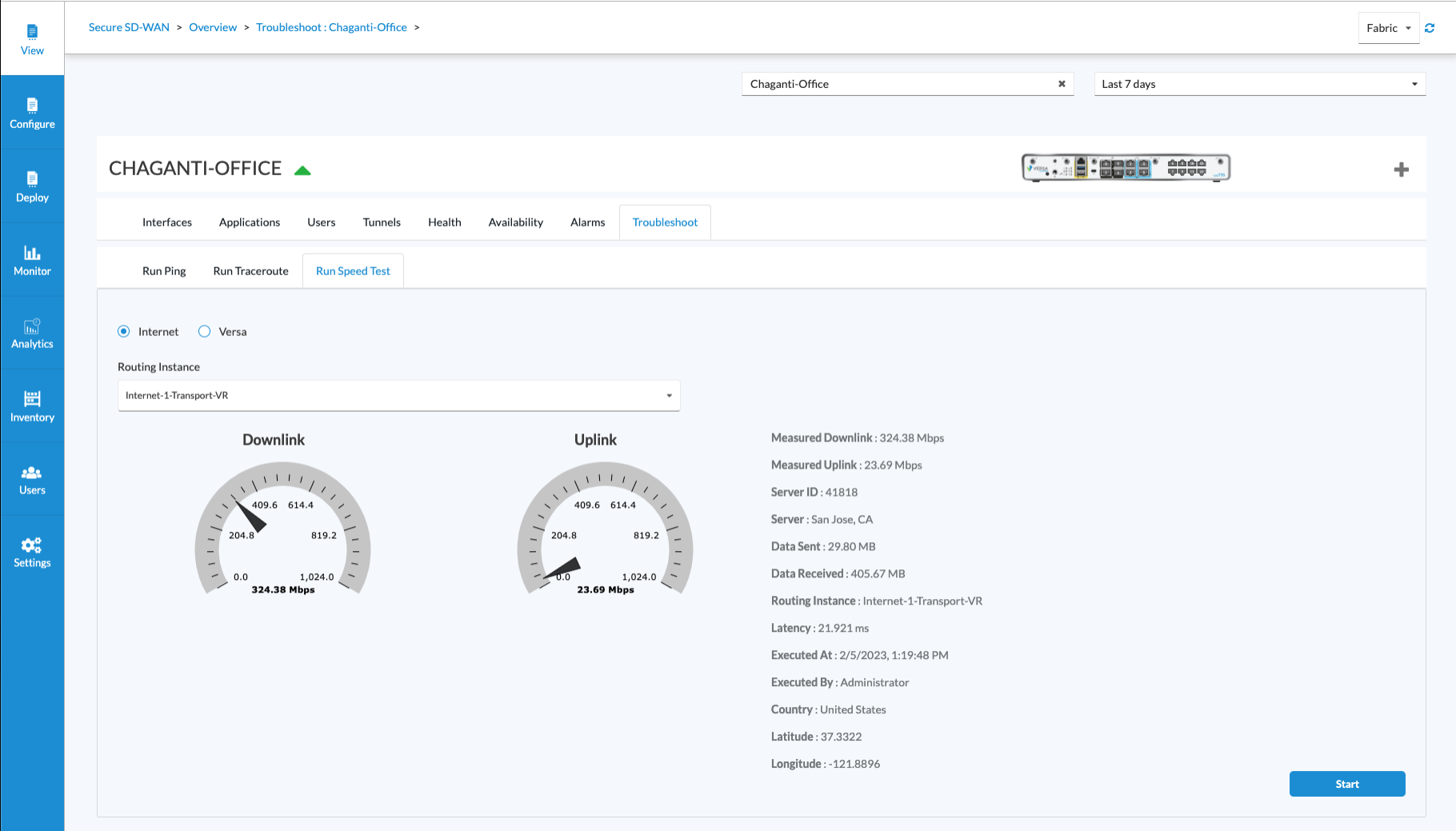
SDWAN Tunnels Live Status



SDWAN Tunnels Historical View



Troubleshooting Tools



Role Based Access Controls

Custom User Roles to Apply RBAC by Features and Resources

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Roles: Enterprise Administrator 2

Enterprise Administrator

Lifecycles	Permissions
ConfigurationLifecycleGraph	Edit
AnalyticsLifecycleGraph	Edit
InventoryLifecycleGraph	Edit
ViewLifecycleGraph	Edit
SystemLifecycleGraph	Edit
DeploymentLifecycleGraph	Edit
MonitoringLifecycleGraph	Edit
SystemGlobalLifecycleGraph	Read

Members: 0

6/2/2021, 9:39:02 AM

Custom-EA

Lifecycles	Permissions
ConfigurationLifecycle	
AnalyticsLifecycleGrap	
InventoryLifecycleGra	
ViewLifecycleGraph	
SystemLifecycleGraph	
DeploymentLifecycleG	
MonitoringLifecycleGr	
SystemGlobalLifecycle	

Members: 0

America/Los_Angeles

English

Administrator

Service Provider Administrator

Edit Role

Custom-EA

General

Permissions

Feature Permissions

ConfigurationLifecycleGraph

Edit

AnalyticsLifecycleGraph

Edit

InventoryLifecycleGraph

Edit

ViewLifecycleGraph

Edit

SystemLifecycleGraph

Edit

Resource Permissions

Showing page 1 of 1 10 rows

Cancel

Save

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VERSA

NETWORKS

RBACs by Regions and Sites

<

Permissions
Custom-EA

☐ Select All Regions | 16

> Default (Inherited)

Edit

▼

> DCA1-ABcd (Reset)

Read

▼

> DCA1-BAdc (Inherited)

Edit

▼

> DCA2-ABcd (Inherited)

Edit

▼

> DCA2-BAdc (Inherited)

Edit

▼

> DCA3-ABcd (Inherited)

Edit

▼

> DCA3-BAdc (Inherited)

Edit

▼

> DCA4-ABcd (Inherited)

Edit

▼

> DCA4-BAdc (Inherited)

Edit

▼

> DCA5-ABcd (Inherited)

Edit

▼

> DCA5-BAdc (Inherited)

Edit

▼

> TEST-region1 (Inherited)

Edit

▼

> TEST-region2 (Inherited)

Edit

▼

> TEST-region3 (Inherited)

Edit

▼

⋮ Close

Save

<

Permissions
Custom-EA

> DCA3-BAdc (Inherited)

Edit

▼

> DCA4-ABcd (Inherited)

Edit

▼

▼ DCA4-BAdc (Inherited)

Edit

▼

☐ Select All Sites | 957

> 00178-S (Inherited)

Edit

▼

> 00259-S (Inherited)

Edit

▼

> 00842-S (Inherited)

Edit

▼

> 00887-S (Inherited)

Edit

▼

> 01304-S (Inherited)

Edit

▼

> 01536-S (Inherited)

Edit

▼

> 01864-S (Inherited)

Edit

▼

> 02055-S (Inherited)

Edit

▼

> 02151-S (Inherited)

Edit

▼

> 02205-S (Inherited)

Edit

▼

> 02265-S (Inherited)

Edit

▼

⋮ Close

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Inventory and Software Management

Inventory and Software Management

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Appliance Inventory

Software Packages

Hide Filter Bar

Applied Filters (0)

Reset Filters

Site

Region

Model Number

OS Type

Software (Image/Bin)

Security (S-Pack) Package

OS Security Package

Alarms

More filters

Appliance Inventory | 38

Upgrade Package

Search by keyword or name

Refresh

Download CSV

	APPLIANCE	SITE	REGION	MODEL NO.	APPLIANCE SERIAL NO.	OS TYPE	SOFTWARE (IMAGE/BIN)	SECURITY (S-PACK) PACKAGE	OS SECURITY PACKAGE	ALARMS	ACTIONS
☐	> wbansp1-00347z-32073209e001	DCA1-Chicago	DCA1-BAdc	NCA-5520C	LR202012011090	Trusty	20.2.3 Status: Current Download Type: Incremental Scheduled: Yes Scheduled On: 2022/05/04 12:00:00	1828 Status: Updating Download Type: Incremental Scheduled: Yes Scheduled On: 2022/05/04 12:00:00	Unknown Status: Current Download Type: Incremental Auto Update: Yes Scheduled On: 2022/05/04 12:00:00	2 1	:
☐	> wbansp1-00347z-32073209e003	DCA1-Chicago	DCA1-BAdc	NCA-5520C	LR202012011091	Trusty	21.3.2	1870	20200429	1 2 1 1 1	:
☐	> wbansp1-00347z-32073209e005	DCA2-Chicago	DCA2-BAdc	NCA-5520C	LR202012011073	Trusty	20.2.4	1870	20200404		:
☐	> wbansp1-00347z-32073209e007	DCA2-Chicago	DCA2-BAdc	NCA-5520C	LR202012011074	Trusty	20.2.2	1816	20220907	2	:
☐	> wbansp1-00347z-32073209e009	DCA3-Chicago	DCA3-ABcd	NCA-5520C	LR202012011075	Trusty	20.2.3	1828	20210803		:
☐	> wbansp1-00347z-32073209e011	DCA3-Chicago	DCA3-ABcd	NCA-5520C	LR202012011079	Trusty	20.2.4	1828	Unknown		:
☐	> wbansp1-00347z-32073209e013	DCA4-Chicago	DCA4-ABcd	NCA-5520C	LR202012011080	Trusty	21.1.2	1828	Unknown		:
☐	> wbansp1-00347z-32073209e015	DCA4-Chicago	DCA4-ABcd	NCA-5520C	LR202012011081	Trusty	21.3.2	1828	20220721		:
☐	> wbansp1-00347z-32073209e017	DCA5-Chicago	DCA5-ABcd	NCA-5520C	LR202012011084	Trusty	21.3.2	1828	Unknown		:
☐	> wbansp1-00347z-32073209e019	DCA5-Chicago	DCA5-ABcd	NCA-5520C	LR202012011087	Trusty	21.2.2	5993	Unknown		:

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Inventory and Software Management

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Inventory

Appliances

Status

Appliances

Upgrade Package on Appliance

Complete required information below to upgrade package on selected appliances,

Package Type *

Software (Image/Bin)

OS Type *

Trusty

CPU Type *

SNB

Package Version *

P1 (OS Type: Trusty, CPU Type: SNB)

☐ Schedule Upgrade

Select Upgrade Start Day & Time

mm/dd/yyyy, 00:00

Selected Appliance | 24

Search by keyword or name

	APPLIANCE ↓↑	SITE ↓↑	REGION ↓↑	OS TYPE ↓↑	SOFTWARE (IMAGE/BIN) ↓↑	SECURITY (S-PACK) PACKAGE ↓↑	OS SECURITY PACKAGE ↓↑
☒	wbansp1-00347z-32073209e003	DCA1-Chicago	DCA1-BAdc	Trusty	20.2.3	1828	20210803
☒	wbansp1-00347z-32073209e005	DCA2-Chicago	DCA2-BAdc	Trusty	20.2.3	1870	Unknown
☒	wbansp1-00347z-32073209e007	DCA2-Chicago	DCA2-BAdc	Trusty	20.2.3	1870	Unknown
☒	wbansp1-00347z-32073209e009	DCA3-Chicago	DCA3-ABcd	Trusty	20.2.3	1816	20220721
☒	wbansp1-00347z-32073209e011	DCA3-Chicago	DCA3-ABcd	Trusty	20.2.3	1828	Unknown
☒	wbansp1-00347z-32073209e013	DCA4-Chicago	DCA4-ABcd	Trusty	20.2.3	1828	Unknown
☒	wbansp1-00347z-32073209e015	DCA4-Chicago	DCA4-ABcd	Trusty	20.2.3	1828	Unknown
☒	wbansp1-00347z-32073209e017	DCA5-Chicago	DCA5-ABcd	Trusty	20.2.3	1828	20220721
☒	wbansp1-00347z-32073209e019	DCA5-Chicago	DCA5-ABcd	Trusty	20.2.3	1828	20220907
☒	wbansp1-00347z-32073209e021	DCA1-Chicago	DCA1-ABcd	Trusty	20.2.3	5993	Unknown

Cancel

Upgrade

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Quick Demo

Questions





Thank you

