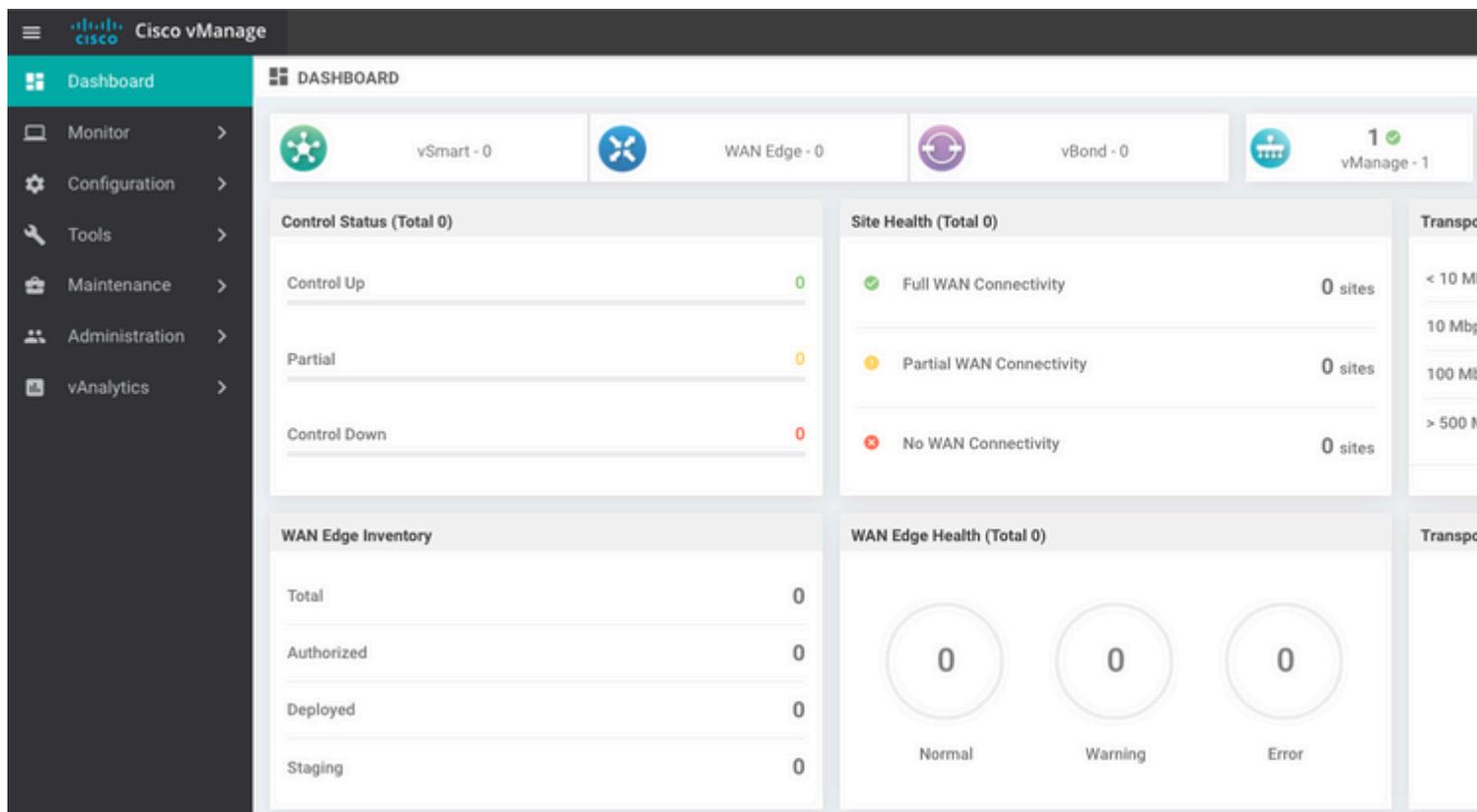


Ripristina vManage

Simulare un guasto irreparabile ripristinando vManage con il comando:

```
vManage_rcdn01# request software reset
```

Ora che si dispone di un nuovo vManage simile a quello illustrato, è consigliabile attenersi al processo di ripristino nella sequenza corretta prima di ripristinare il backup.



Passaggio 1. Configurazione minima su vManage

```
system
 host-name          vManage_rcdn01
 system-ip          xx.xx.xx.xx
 site-id            100
 organization-name  ****.cisco
 vbond vbond.list
 !
 !
 vpn 0
 host vbond.list ip 10.2.3.4 10.2.3.5
 interface eth0
```

```
ip address 10.1.3.8/24
tunnel-interface
no shutdown
!
ip route 0.0.0.0/0 10.1.3.1
!
vpn 512
interface eth1
ip address 10.11.3.8/24
no shutdown
!
ip route 0.0.0.0/0 10.1.3.1
!
```

Passaggio 2. Copia configurazione di backup e certificato radice

<#root>

```
vManage_rcdn01:~$ scp am****@xx.xx.xx.xx://home/ftpuser/ftp/am****/05_08_20_configdb.tar.gz .
am****@xx.xx.xx.xx's password:
05_08_20_configdb.tar.gz                                100% 484KB 76.6MB/s 00:00
```

Verify

```
vManage_rcdn01:~$ ls -lh
total 492K
-rw-r--r-- 1 admin admin 394 May 8 15:20 archive_id_rsa.pub
-rwxr-xr-x 1 admin admin 485K May 8 15:39 05_08_20_configdb.tar.gz
```

Copy root certificate from other controller:

```
vManage_rcdn01:~$ scp admin@vbond://home/admin/root.crt .
viptela 18.4.4
admin@vbond's password:
root.crt                                                100% 1380 2.8MB/s 00:00
```

Passaggio 3. Installa certificato radice

```
vManage_rcdn01# request root-cert-chain install /home/admin/root.crt
Uploading root-ca-cert-chain via VPN 0
Copying ... /home/admin/root.crt via VPN 0
Updating the root certificate chain..
Successfully installed the root certificate chain
```

Passaggio 4. Aggiorna informazioni di base

Passa a Administration > Settings e configurare le informazioni di base per IP vBond, Nome organizzazione e certificato.

Cisco vManage

- Dashboard
- Monitor
- Configuration**
- Devices
- Certificates**
- Network Design
- Templates
- Policies
- Security
- Cloud onRamp for SaaS
- Cloud onRamp
- Network Hub
- Tools
- Maintenance
- Administration
- vAnalytics

CONFIGURATION | CERTIFICATES

WAN Edge List **Controllers**

Send to vBond

No file chosen

Search Options

Operation Status	Controller Type	Hostname	System IP	Site ID	Certificate Serial	Expiration Date
CSR Generated	vManage	vManage_rcdn01	1.11.11.11	100	No certificate installed	-

Install Certificate

Certificate Text Select a file

```

---BEGIN CERTIFICATE---
MIIEQjCCAyqgAwIBAgIJTwjgFHbasy@wDQYJKoZIhvcNAQELBQAwbDElMAkGA1UE
BhMCVVMxMzA1BgNVBAGTAIRYMQ0wCwYDVQQHEwRSQ0R0MRowFQYDVQQKEw5hbWF1
Z3Z3ZC5jaXNjbzEXMBUGA1UECxA0Y1W1hdWd1c3QvY2l2Y28xMzA1MDg4NjE0
b3RDQTAeFw0yMDA1MDg4NjE0MDg4NjE0MDg4NjE0MDg4NjE0MDg4NjE0MDg4
EwJVUzETMBEGA1UECBMKQ2FsaWZvcmluZS55TERMA8GA1UEBmMlU2FulEpvc2Ux
BgNVBAsTDmFYXVndXN0LmNpc2NvMRQwEgYDVQQKEw12SVB0ZWxhIElUyZDMEEG
A1UEAxM6dm1hbmFnZS05MjMmMmU3Ny1jMDVjLTQ2MmE1YTcxNy01ZjA1MzIz
MmY1MmY1MmY1MmY1MmY1MmY1MmY1MmY1MmY1MmY1MmY1MmY1MmY1MmY1MmY1
LmNvbTCCASiwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBBAKeHM8FhKmbqXOE
iZnLicP5bGjZTTBihm+kXwWYgnupv/JTdsy4AEx28gamKl/+d7dNg9PrfAsBc
5rVoP6kyeT2MGX0Fdot1MNVy8asUncJhIRarEn6mnd5Y0H5Nz6jPS/Wx2iAnIZB
Z/W46TM7kyqD11tus4R1vj3H7ASkeAHucVZ4NmPoAJSh1Uzx9pIPBioG2bwmErJP
17zpn8WBVhqt2r0z0Az3Jb246iPd7d8sm8XcBkif51FY+nXepDhrQz3XZUcTogm/

```

Install
Cancel

Cisco vManage

- Dashboard
- Monitor
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- Policies
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- Cloud onRamp for SaaS
- Cloud onRamp
- Network Hub
- Tools
- Maintenance
- Administration

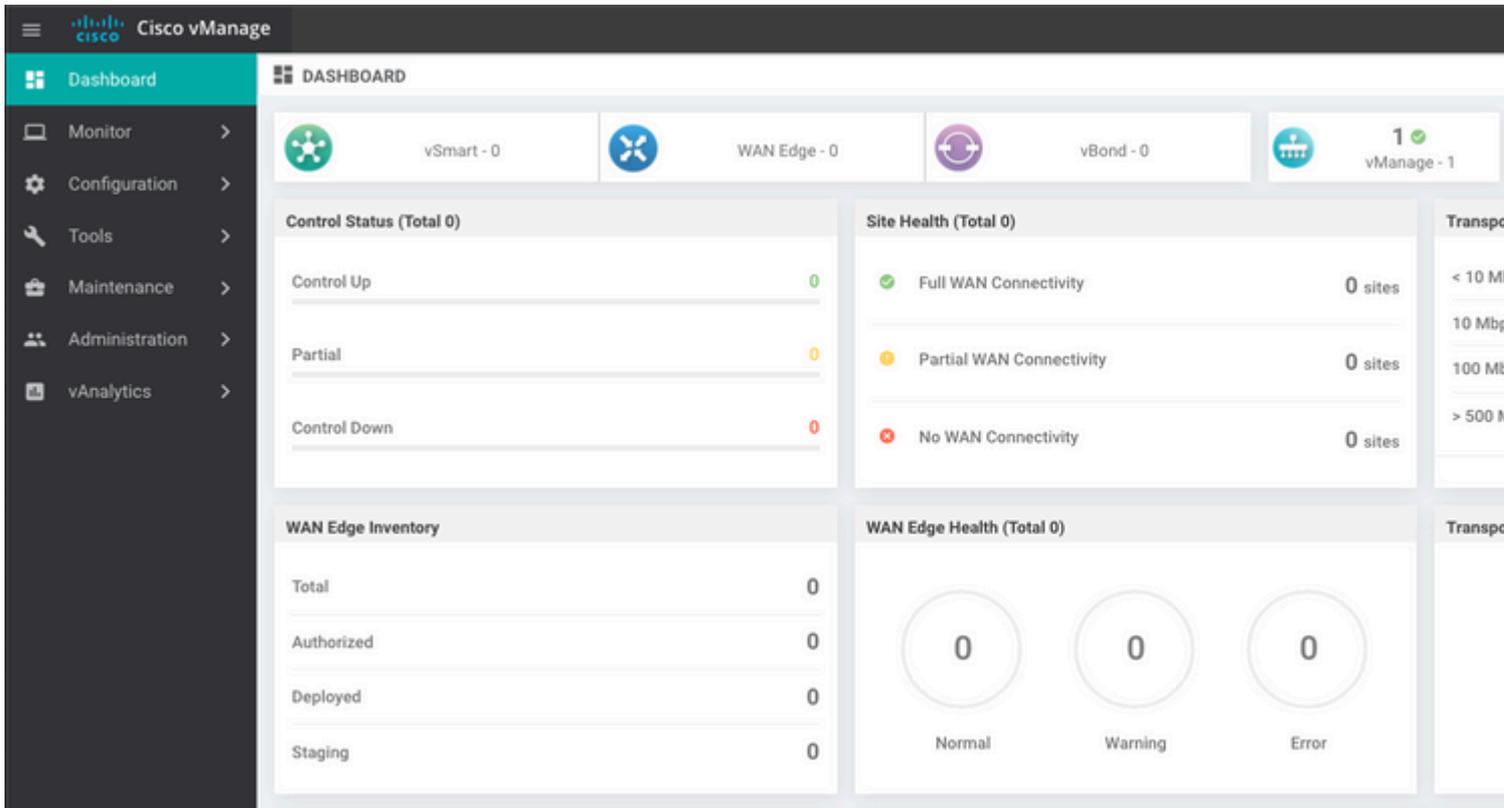
TASK VIEW

Install Certificate

Total Task: 1 | Success: 1

Search Options

Status	Message	Device Type	Device IP
Success	Successfully synced vEdge list on vManage-9...	vManage	92302e77-c05c-462a-a717-5f013b31d52f
[8-May-2020 16:15:06 UTC]	Install Certificate, on device 92302e77-c05c-462a-a717-5f013b31d52f, started by user "admin" from IP address "169.		
[8-May-2020 16:15:06 UTC]	Pushing serial list to vManage-92302e77-c05c-462a-a717-5f013b31d52f (vManage_rcdn01)		
[8-May-2020 16:15:06 UTC]	Started processing serial list file on vManage-92302e77-c05c-462a-a717-5f013b31d52f (vManage_rcdn01)		
[8-May-2020 16:15:07 UTC]	Completed processing serial list file on vManage-92302e77-c05c-462a-a717-5f013b31d52f (vManage_rcdn01)		
[8-May-2020 16:15:07 UTC]	Done - Push vSmart List for vManage-92302e77-c05c-462a-a717-5f013b31d52f (vManage_rcdn01)		
[8-May-2020 16:15:07 UTC]	Pushed serial list to vManage-92302e77-c05c-462a-a717-5f013b31d52f (vManage_rcdn01)		
[8-May-2020 16:15:07 UTC]	Updated controllers with new certificate serial number of vManage-92302e77-c05c-462a-a717-5f013b31d52f		



Passaggio 6. Ripristina Il Database

<#root>

```
vManage_rcdn01# request nms configuration-db restore path /home/admin/05_08_20_configdb.tar.gz
```

```
Configuration database is running in a standalone mode
0 [main] INFO com.viptela.vmanage.server.deployment.cluster.ClusterConfigurationFileHandler - Trying to
4 [main] INFO com.viptela.vmanage.server.deployment.cluster.ClusterConfigurationFileHandler - Working o
Successfully saved cluster configuration for localhost
Starting DB backup from: localhost
Creating directory: local
cmd to backup db: sh /usr/bin/vconfd_script_nms_neo4jwrapper.sh backup localhost /opt/data/backup/local
Finished DB backup from: localhost
Stopping NMS application server on localhost
Stopping NMS configuration database on localhost
Reseting NMS configuration database on localhost
Restoring from DB backup: /opt/data/backup/staging/graph.db-backup
cmd to restore db: sh /usr/bin/vconfd_script_nms_neo4jwrapper.sh restore /opt/data/backup/staging/graph
Successfully restored DB backup: /opt/data/backup/staging/graph.db-backup
Starting NMS configuration database on localhost
Waiting for 10s before starting other instances...
Polling neo4j at: localhost
NMS configuration database on localhost has started.
Updating DB with the saved cluster configuration data
Successfully reinserted cluster meta information
Starting NMS application-server on localhost
Waiting for 120s for the instance to start...
Removed old database directory: /opt/data/backup/local/graph.db-backup
Successfully restored database
```

Questa operazione richiede più tempo e dipende dal backup.

È possibile verificare il processo `tailing` consente di accedere a vShell.

```
<#root>
```

```
vManage_rcdn01:~$
```

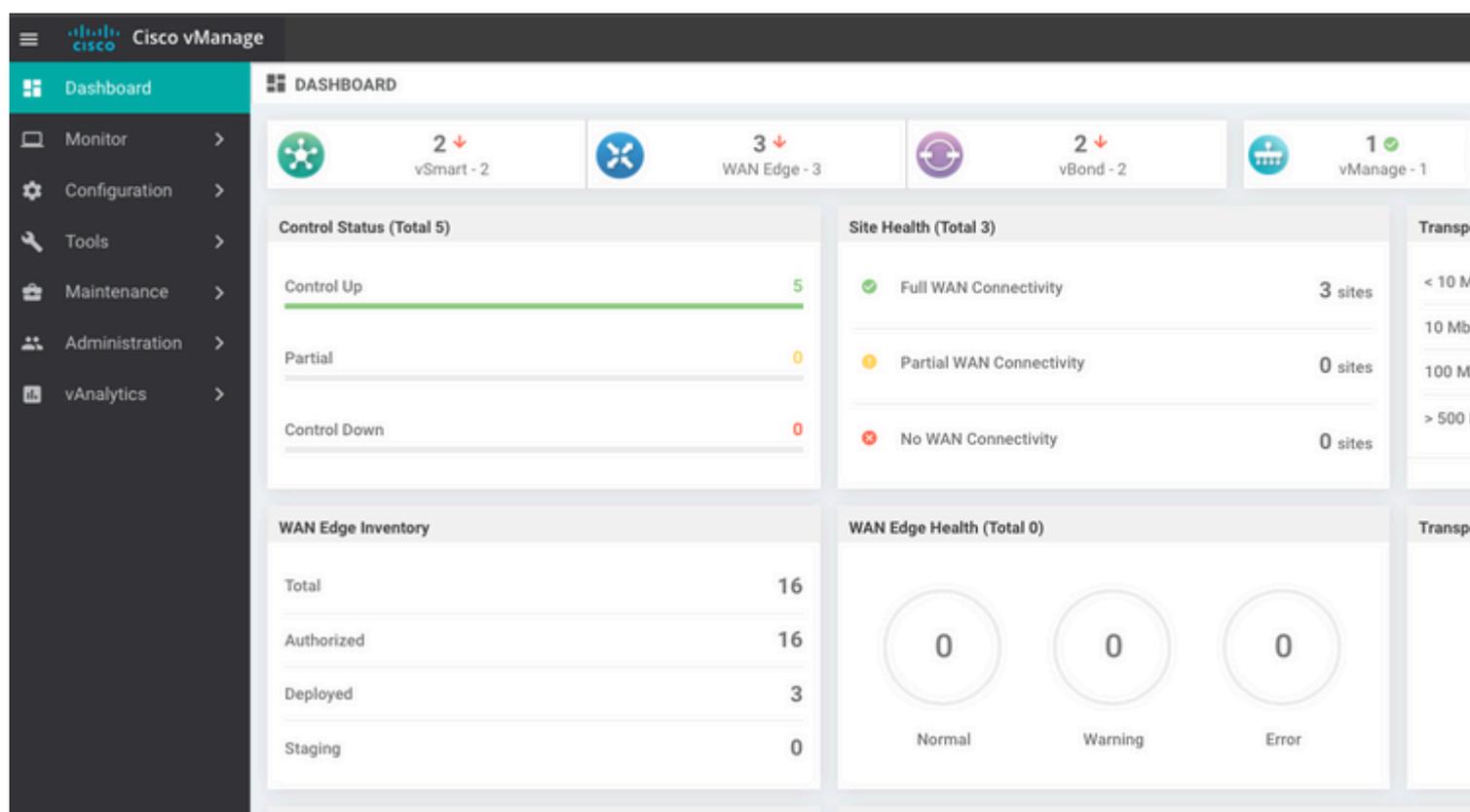
```
tail -fq /var/log/nms/vmanage-server.log /var/log/nms/neo4j-out.log
```

Passaggio 7. Controlla servizi

```
vManage_rcdn01# request nms all status
```

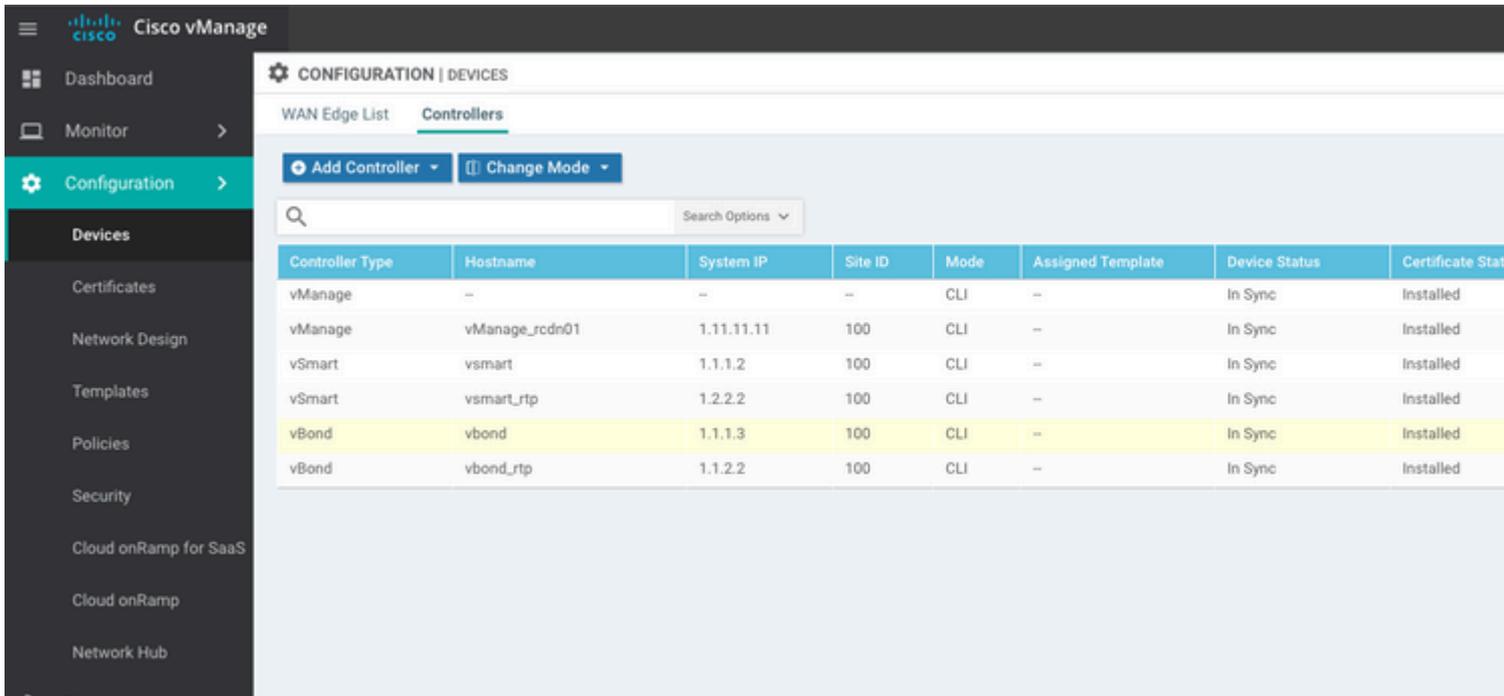
Passaggio 8. Riautentica controller

Al momento, è possibile osservare che tutti i criteri, i modelli e le configurazioni sono stati caricati in vManage, ma tutti i controller sono inattivi.

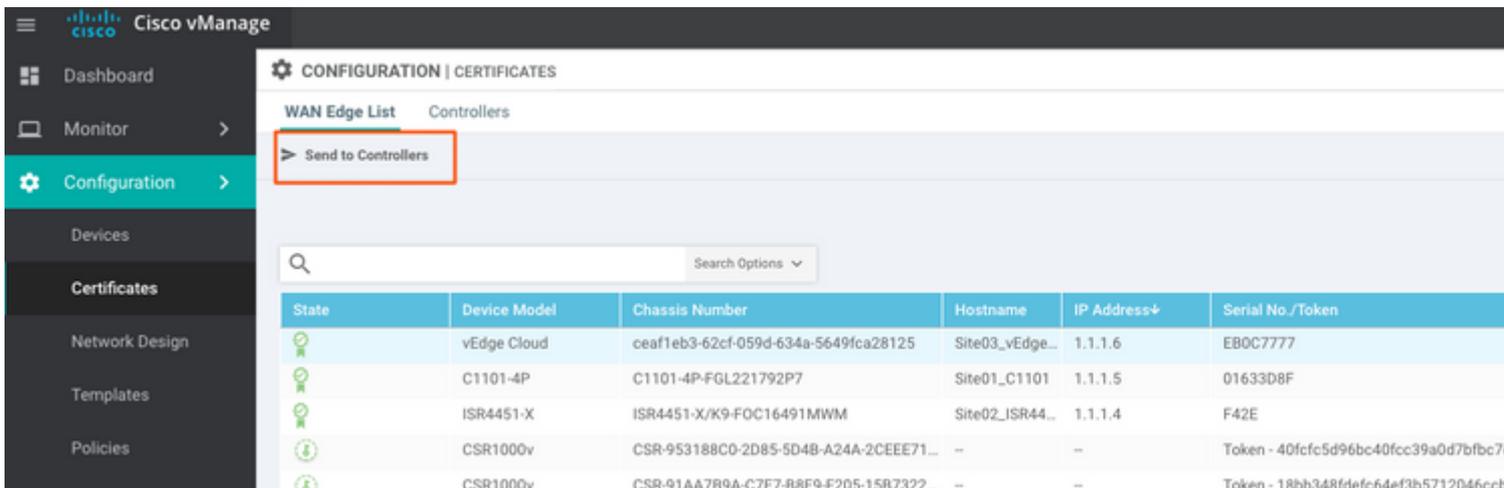
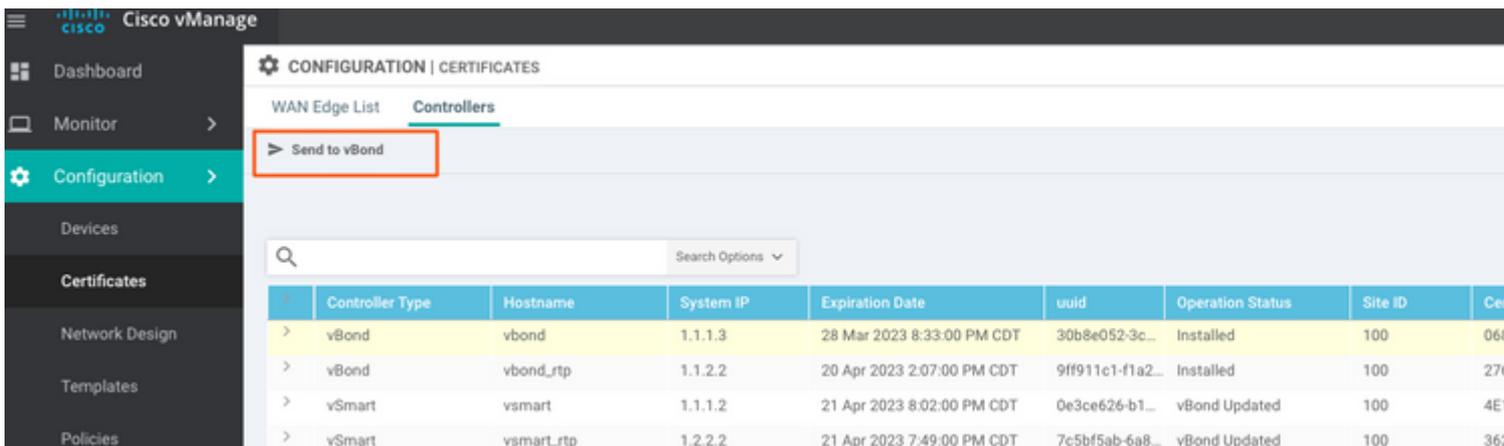


È necessario riautenticare tutti i controller.

Passa a `Configuration > Devices`. Modificare ciascun controller e immettere l'indirizzo IP di gestione (l'indirizzo IP di gestione si trova nella configurazione locale), il nome utente e la password.



Passaggio 9. Invia aggiornamenti ai controller



Ora è possibile vedere che tutti i dispositivi possono essere gestiti da vManage.

Cisco vManage

DASHBOARD

2 ↑ vSmart - 2 3 ↑ WAN Edge - 3 2 ↑ vBond - 2 1 vManage - 1

Control Status (Total 4)

Control Up	4
Partial	0
Control Down	0

Site Health (Total 2)

Full WAN Connectivity	2 sites
Partial WAN Connectivity	0 sites
No WAN Connectivity	0 sites

WAN Edge Inventory

Total	15
Authorized	15
Deployed	3
Staging	0

WAN Edge Health (Total 2)

Normal	2
Warning	0
Error	0

Top Applications

No data to display

Application-Aware Routing

Tunnel Endpoints	Avg. Latency (ms)	Avg. ...
Site02_ISR4451:default-Site03_vEdge_Cloud...	50.5	0.0
Site01_C1101:default-Site02_ISR4451:default	32.167	0.0
Site02_ISR4451:default-Site01_C1101:default	32	0
Site01_C1101:default-Site03_vEdge_Cloud.d...	25.917	0

Cisco vManage

CONFIGURATION | TEMPLATES

Device Feature

[Add Template](#)

Template Type: Non-Default Search Options

Name	Description	Type	Device Model	Device Templates	Devices Attached
vEdge_VPN_0	Default Transport VPN tem...	WAN Edge VPN	C1111-4PLTEEA C1117-4P...	0	0
Default_AAA	Default AAA template settin...	AAA	C1111-4PLTEEA C1117-4P...	1	1
cEdge_VPN_0	Default Transport VPN tem...	WAN Edge VPN	C1111-4PLTEEA C1117-4P...	1	1
vEdge_VPN_512_Interface	VPN 512 interface config	WAN Edge Interface	C1111-4PLTEEA C1117-4P...	0	0
vEdge_VPN_0_Interface	VPN 0 interface config	WAN Edge Interface	C1111-4PLTEEA C1117-4P...	0	0
Default_Banner	Banner for amaugust.cisco	Banner	ISR4451-X C1101-4P vEd...	1	1
vEdge_VPN_512	VPN 512 add default route	WAN Edge VPN	C1111-4PLTEEA C1117-4P...	0	0
cEdge_VPN_0_Interface	VPN 0 interface config	WAN Edge Interface	C1111-4PLTEEA C1117-4P...	1	1
cEdge_VPN_512	VPN 512 add default route	WAN Edge VPN	C1111-4PLTEEA C1117-4P...	1	1
cEdge_VPN_512_Interface	VPN 512 interface config	WAN Edge Interface	C1111-4PLTEEA C1117-4P...	1	1

Informazioni su questa traduzione

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