

في ةئيهتلا تانايب ةدعاق دادرتسا لشف (DR) ثراوكلا دعب تانايبلا ةداعتسا دادعإ vManage ةعومجمل

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ةمدقملا

DR دادعإ في نيوكتلا تانايب ةدعاق ةداعتسا لشف بقلعتت ةلكشم دنتسملا اذه فصفي vManage ةعومجمل صاخلا.

ةلكشملا

DR دادعإ في db-ةئيهتلا دادرتسا لشف :ةيطايتحالا ةخسنلا نم vManage NMS ةداعتسا
vManage ةعومجمل

اذه موقفي request nms configuration-db restore path رمال مدختسا، (CLI) رمالا رطس ةهجاو نم
لاثملا اذه في datapath ةقوم ديدحت فلملا نم نيوكتلا تانايب ةدعاق ةداعتسا رمالا
مق vManage مادختسا اب ةيطايتحالا (NMS) ةكبشلا في مكحتلا ةدحو يه ةهجولا نوكت
دادعتسالا عضوي في vManage NMS ماظن يلع رمالا هذه ليغشتب:

```
vmanage-1# request nms configuration-db restore path /home/admin/cluster-backup.tar.gz  
Configuration database is running in a cluster mode
```

```
!  
!  
!  
line omitted  
!  
!  
!
```

```
..... 80%  
..... 90%  
..... 100%
```

```
Backup complete.  
Finished DB backup from: 30.1.1.1  
Stopping NMS application server on 30.1.1.1  
Stopping NMS application server on 30.1.1.2  
Stopping NMS application server on 30.1.1.3  
Stopping NMS configuration database on 30.1.1.1  
Stopping NMS configuration database on 30.1.1.2  
Stopping NMS configuration database on 30.1.1.3
```

```

Reseting NMS configuration database on 30.1.1.1
Reseting NMS configuration database on 30.1.1.2
Reseting NMS configuration database on 30.1.1.3
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.db-backup
Successfully restored DB backup: /opt/data/backup/staging/graph.db-backup
Starting NMS configuration database on 30.1.1.1
Waiting for 10s before starting other instances...
Starting NMS configuration database on 30.1.1.2
Waiting for 120s for the instance to start...
NMS configuration database on 30.1.1.2 has started.
Starting NMS configuration database on 30.1.1.3
Waiting for 120s for the instance to start...
NMS configuration database on 30.1.1.3 has started.
NMS configuration database on 30.1.1.1 has started.
Updating DB with the saved cluster configuration data
Successfully reinserted cluster meta information
Starting NMS application-server on 30.1.1.1
Waiting for 120s for the instance to start...
Starting NMS application-server on 30.1.1.2
Waiting for 120s for the instance to start...
Starting NMS application-server on 30.1.1.3
Waiting for 120s for the instance to start...
Removed old database directory: /opt/data/backup/local/graph.db-backup
Successfully restored database
vmanage-1#

```

لش في شيح ويراني س كانه نكلو تال ج س ل ا هذه عم config-db ة داع س ا م ت ن ا ب جي 1 ة و ط خ ل ا
هذه ا ط خ ل ا لئ اس ر عم config_db ل ط ا ي ت ح ا ل ا خ س ن ل ا

```

vmanage-1# request nms configuration-db restore path /home/admin/cluster-backup.tar.gz
Configuration database is running in a cluster mode
!
!
line omitted
!
!
2020-08-09 17:13:48.758+0800 INFO [o.n.k.i.s.f.RecordFormatSelector] Selected
RecordFormat:StandardV3_2[v0.A.8] record format from store /opt/data/backup/local/graph.db-
backup
2020-08-09 17:13:48.759+0800 INFO [o.n.k.i.s.f.RecordFormatSelector] Format not configured.
Selected format from the store: RecordFormat:StandardV3_2[v0.A.8]
..... 10%
..... 20%
..... 30%
..... 40%
..... 50%
..... 60%
..... 70%
.....Checking node and relationship counts
..... 10%
..... 20%
..... 30%
..... 40%
..... 50%
..... 60%
..... 70%
..... 80%

```


رورم ةم لك ريغت ب انمق ام لك ، اذل . تاناي ب ل ا ةدع اق ي ف ةعومج م ل ا ماظن ةراد ا رورم ةم لك شي دحت
ى ل ا ةج ا ب ك ن ا ف ، ةي ا د ب ل ا ي ف ةعومج م ل ا ماظن ا ش ن ا ل ا م ا د خ ت س ا م ت ي ي ذ ل ا NetAdmin ب ا س ح
ت ا و ط خ ل ا ي ه ه ذ ه . ا ض ي ا ةعومج م ل ا ماظن ةراد ا ر ي ر ح ت ةي ل م ع ةدع ا س م ب رورم ل ا ةم لك شي دحت
ا ه ا ع ا ب ت ا ك ي ل ع ب ج ي ي ت ل ا ةي ف ا ض ا ل ا .

1. ةي م و س ر م د خ ت س م ة ه ج ا و ل ك ى ل ا ل و خ د ل ا ل ي ج س ت ب م ق . (GUI).
2. ة ل ب ا ق م ل ا vManage د ي د ح ت > ةعومج م ل ا ماظن ةراد ا > Administrator ى ل ا ل ق ت ن ا .
ة ر و ص ل ا ي ف ح ص و م و ه ا م ك ، (ر ي ر ح ت).
3. ل C L I ة ل ة ف ا ك م ل ا رورم ل ا ةم لك شي دحت .

- vManage1 30.1.1.1

Edit vManage

vManage IP Address
30.1.1.1

Username
admin

Password

Select Services

Application Server

Statistics Database

Configuration Database

Messaging Server

SD-AVC

Update Cancel

- vManage 30.1.1.2

Edit vManage

vManage IP Address
30.1.1.2

Username
admin

Password

Select Services

Application Server

Statistics Database

Configuration Database

Messaging Server

SD-AVC

Update Cancel

- vManage3 30.1.1.3

Edit vManage ✕

vManage IP Address
30.1.1.3

Username
admin

Password

Select Services

- Application Server
- Statistics Database
- Configuration Database
- Messaging Server
- SD-AVC

Update **Cancel**

نم ویرانیسیلا اذه یف ٲنکم ریغ رم اوألا رطس ٲه جاو نم رورملا ٲملك ٲداعتسإ: ٲظحالم رم اوألا رطس ٲه جاو.

تاس رامملا لصفأ

سإ لاقتنالا یف ٲومجملا ماظن یف vManage رورم ٲملك ریغتل ٲسرامم لصفأ لثمتت Administrator > Manage (نیمدختسملا ٲرادا) > Update Password.

ٲومجملا ماظن یف 3 ل vManage جمارب ٲفاک یف رورملا ٲملك شیدحتب ٲارجإلا اذه موقی ٲومجملا ماظن ٲرادا رورم ٲملك سإ لاقتنالا ٲفاضإلاب.

ٲلص تاذا تامولعم

- <https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/sdwan-xe-gs-book/manage-cluster.html>
- https://www.cisco.com/c/dam/en/us/td/docs/routers/sdwan/knowledge-base/disaster_recovery_technote.pdf
- <https://www.cisco.com/c/dam/en/us/solutions/collateral/enterprise-networks/sd-wan/white-paper-c11-741440.pdf>

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسم ل ا ذه Cisco ت مچرت
م ل ا ل اء ان ا ع مچ ي ف ن م دخت س م ل ل م عد و ت ح م م ي دقت ل ة ي ر ش ب ل و
امك ة ق ي ق د ن و ك ت ن ل ة ي ل ا ة مچرت ل ض ف ا ن ا ة ظ ح ال م ي ج ر ي . ة ص ا خ ل ا م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت ح م مچرت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ال ا ة مچرت ل ا ع م ل ا ح ل ا و ه
ى ل ا م اء ا د ع و ج ر ل ا ب ي ص و ت و ت ا مچرت ل ا هذه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco
Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص ا ل ا ي ز ي ل ج ن ا ل ا دن ت س م ل ا