# Récupérer vManage autonome par récupération après sinistre

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# Introduction

Ce document décrit les étapes impliquées pour restaurer vManage par l'utilisation d'une sauvegarde configuration-db.

# Informations générales

Ce document suppose qu'une sauvegarde de la base de données de configuration a été effectuée régulièrement et que, pour une raison quelconque, le vManage autonome est irrécupérable et nécessite une réinitialisation logicielle ou une nouvelle installation.

Ce document vous aide à récupérer toutes les stratégies, les modèles, les configurations et les certificats de périphériques Edge.

Backup Configuration-db

```
vManage_rcdn01# request nms configuration-db backup path 05_08_20_configdb
Starting backup of configuration-db
config-db backup logs are available in /var/log/nm/neo4j-backup.log file
Successfully saved database to /opt/data/backup/05_08_20_configdb.tar.gz
```

passez à un serveur externe.

```
vManage_rcdn01# vshell
vManage_rcdn01:~$ scp /opt/data/backup/05_08_20_configdb.tar.gz user@10.2.3.1://home/ftpuser/ftp/amaugu
amaugust@10.2.3.1's password:
05_08_20_configdb.tar.gz
```

# Récupérer vManage

Simulez un sinistre en réinitialisant le vManage à l'aide de la commande suivante :

vManage\_rcdn01# request software reset

Maintenant que vous disposez d'un nouveau vManage ressemblant à celui illustré, il est conseillé de suivre le processus de récupération dans l'ordre correct avant de restaurer la sauvegarde.

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#### Étape 1. Configuration minimale sur vManage

```
system

host-name vManage_rcdn01

system-ip 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
!
```

#### Étape 2. Copier la configuration de sauvegarde et le certificat racine

#### <#root>

```
vManage_rcdn01:~$ scp am****@xx.xx.xx://home/ftpuser/ftp/am****/05_08_20_configdb.tar.gz .
am****@xx.xx.xx's password:
                                                                           100% 484KB 76.6MB/s
05_08_20_configdb.tar.gz
                                                                                                   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 15:3905_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:
                                                                          100% 1380
                                                                                        2.8MB/s
                                                                                                  00:0
root.crt
```

#### Étape 3. Installer le certificat racine

```
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
```

#### Étape 4. Mettre à jour les informations de base

Naviguez jusqu'à Administration > Settings et configurez les informations de base pour l'IP vBond, le nom de l'organisation et le certificat.

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<b>4</b> 5.	Administration >		WAN Edge Cloud Certificate Authorization	Automated					View	Edit
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	Cluster Management	Ľ	Banner	Disabled					View	Edit
	Integration Managemen	t	Reverse Proxy	Disabled					View	Edit
	vAnalytics >	> Statistics Setting							View	Edit

## Étape 5. Installer le certificat vManage

Utilisez root.crt installé à l'étape 2.







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#### Étape 6. Restaurer La Base De Données

#### <#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 t 4 [main] INFO com.viptela.vmanage.server.deployment.cluster.ClusterConfigurationFileHandler - Working 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/grap 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

Cette étape prend plus de temps et dépend de la sauvegarde.

Vous pouvez vérifier le processus en tailing les journaux sur vShell.

<#root>
vManage\_rcdn01:~\$
tail -fq /var/log/nms/vmanage-server.log /var/log/nms/neo4j-out.log

#### Étape 7. Vérifier les services

vManage\_rcdn01# request nms all status

Étape 8. Réauthentifier les contrôleurs

Actuellement, vous pouvez constater que toutes les stratégies, modèles et configurations ont été chargés sur vManage, mais que tous les contrôleurs sont hors service.

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Vous devez authentifier à nouveau tous les contrôleurs.

Naviguez jusqu'à Configuration > Devices. Modifiez chaque contrôleur et indiquez l'adresse IP de gestion (l'adresse IP de gestion se trouve dans la configuration locale), le nom d'utilisateur et le mot de passe.

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### Étape 9. Envoyer les mises à jour aux contrôleurs

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Vous voyez maintenant que tous les périphériques peuvent être gérés par vManage.

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		cEdge_VPN_0	Default Transport VPN tem	WAN Edge VPN	C1111-4PLTEEA   C1117-4P	1	1	admin	23 Apr 2020 9:31	47 AM C	
	Templates	vEdge_VPN_512_Interface	VPN 512 interface config	WAN Edge Interface	C1111-4PLTEEA C1117-4P	0	0	admin	23 Apr 2020 9:33	40 AM C	
	Policies	vEdge_VPN_0_Interface	VPN 0 interface config	WAN Edge Interface	C1111-4PLTEEA   C1117-4P	0	0	admin	23 Apr 2020 9:31:	:07 AM C	
		Default_Banner	Banner for amaugust.cisco	Banner	ISR4451-X C1101-4P vEd	1	1	admin	23 Apr 2020 8:17	:38 AM C	
		vEdge_VPN_512	VPN 512 add default route	WAN Edge VPN	C1111-4PLTEEA C1117-4P	0	0	admin	23 Apr 2020 9:32	:40 AM C	
	Cloud onRamp for SaaS	cEdge_VPN_0_Interface	VPN 0 interface config	WAN Edge Interface	C1111-4PLTEEA C1117-4P	1	1	admin	23 Apr 2020 9:15	37 AM C	
		cEdge_VPN_512	VPN 512 add default route	WAN Edge VPN	C1111-4PLTEEA C1117-4P	1	1	admin	23 Apr 2020 9:33	:16 AM C	
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