Ondersteuning van Cisco Unified Communications Manager (CUCM) configureren en probleemoplossing

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Inleiding

Dit document beschrijft de procedure om een reservekopie apparaat aan Cisco Unified Communications Manager (CUCM) toe te voegen.

Voorwaarden

Vereisten

Cisco raadt kennis van de volgende onderwerpen aan:

- Cisco Unified Communications Manager (CUCM)
- Secure File Transfer Protocol (SFTP) serverbeheer

Gebruikte componenten

- Cisco Unified Communications Manager versie 11.5
- Linux SFTP-server

De informatie in dit document is gebaseerd op de apparaten in een specifieke

laboratoriumomgeving. Alle apparaten die in dit document worden beschreven, hadden een opgeschoonde (standaard)configuratie. Als uw netwerk levend is, zorg er dan voor dat u de mogelijke impact van om het even welke opdracht begrijpt.

Achtergrondinformatie

Het doel van back-ups die beschikbaar zijn in uw omgeving met elke software is om in geval van een ramp te kunnen herstellen. Back-ups zijn belangrijk om het verlies van gegevens te voorkomen wanneer software wordt gecorrumpeerd, wanneer hardware faalt of wanneer er een natuurramp optreedt.

CUCM- en SFTP-topologie zoals in de afbeelding weergegeven:



Configureren

Back-upapparaat toevoegen via GUI-procedure

Stap 1. Navigeer naar CUCM > Noodherstel Systeem > Back-up > Back-upapparaat en klik op Nieuwe toevoegen zoals in de afbeeldingen:



	cisco	Dis For (aster Recovery System
Ba	ckup 🔻	Restore	▼ Help ▼
Γ	Backup Device		
-	Scheduler		
	Manual Backup		
	History		r Recovery System
	Current	Status	n: 11.5.1.15900-18
	VMwar	e Insta	llation: 1 vCPU@ Intel(R) Xeon(R) CPU E5-2690 v4 @ 2.60

Backup - Restore - Help -
Backup Device List
Add New
- Status
Status
U Status: No records found
Backup Device List
No backup device configured.
Add New
The Backup Device which is associated with 1 or more schedule(s) cannot be deleted.

Stap 2. Voeg een naam van het back-upapparaat, IP-adres, naam van het pad, gebruikersnaam en wachtwoord toe zoals in de afbeeldingen:

- Het IP-adres moet de doelserver SFTP zijn waar de back-ups worden opgeslagen.
- De naam van het pad is de map binnen de SFTP server waar de back-ups worden opgeslagen.
- Gebruikersnaam en Wachtwoord moeten binnen de SFTP-server bestaan voor authenticatiedoeleinden.

• Het aantal back-ups dat in de netwerkmap moet worden opgeslagen, moet worden ingesteld op het aantal back-ups dat in de SFTP-map moet worden bewaard.

Klik na voltooiing op Opslaan.

Backup 🔻 Restore 👻 Help 💌	
Backup Device	
Save Back	
– Status	
Status:Ready	
Backup device name	
Backup device name*	TAC-Backup
Select Destination*	
Network Directory Host name/IP address Path name User name Password Number of backups to store on Network Directory	192 250 /UCM/Backups/ cisco
Save Back	

Bevestig de update succesvol zoals in de afbeelding:

Backup Device			
🔚 Save 🖕 Back			
Status			
Update successful			
Backup device name			
Backup device name*		TAC-Backup	
Select Destination*			
Network Directory			
	Host name/IP address	192. 250	
	Path name	/UCM/Backups/	
	User name	cisco	
	Password		
Number of backups to store	on Network Directory	1 ~	
Save Back			

Reserve-apparaat toevoegen via CLI-procedure

Stap 1. Secure Shell (SSH) in het IP-adres van de CUCM-uitgever en authentiek met de gebruikersnaam en het wachtwoord voor het besturingssysteem (OS) zoals in de afbeeldingen:

🕵 PuTTY Configuration	? ×	
Category:		
Category: Session Logging Terminal Keyboard Bell Features Window Appearance Behaviour Translation Selection Colours Colours Connection Proxy Telnet Rlogin Serial	Basic options for your PuTTY session Specify the destination you want to connect to Host Name (or IP address) Port 192 06 22 Connection type: O Raw Telnet Rlogin Always Never Only on clean exit	
About Help	Open Cancel	

Putty 192. 106 - Putty



Stap 2. Voeg het back-upapparaat toe met de syntaxis: **utils Disease_recovery device add netwerk**

stackup device name> <path <ip-adres van externe server> <gebruikersnaam> [aantal back-ups] zoals in de afbeelding wordt weergegeven:

```
admin:utils disaster_recovery device add network TAC-Backup /UCM/Backups/ 192. .250 cisco l
Please enter password to connect to network server 192. .250:*****
drfCliMsg: Backup Device has been saved successfully.
admin:
```

Op het moment van deze procedure voor het toevoegen van een back-upapparaat worden deze stappen in CUCM uitgevoerd:

- 1. Contact opnemen met de SFTP-server en authentiek
- 2. Breng een testbestand naar de folder over
- 3. Koppel de SFTP-server los
- 4. Contact opnemen met de SFTP-server en authentiek
- 5. Verwijdert het testbestand in de directory.
- 6. Koppel de SFTP-server los

Opmerking: Als een van deze stappen niet doorgaat, kan CUCM het back-upapparaat niet toevoegen.

Log analyse van back-upapparaat toevoegen

2018-12-24 11:39:23,168 DEBUG [NetMessageDispatch] - drfUtils:establishSftpConnection: Trying to connect to the SFTP server.

2018-12-24 11:39:23,171 DEBUG [NetMessageDispatch] - drfUtils:establishSftpConnection: Connecting SFTP server...

2018-12-24 11:39:23,373 DEBUG [NetMessageDispatch] - drfUtils:establishSftpConnection: Authentication Completed Successfully, connected to remote server. Now opening a SFTP channel. 2018-12-24 11:39:23,580 DEBUG [NetMessageDispatch] - drfUtils:sftpPutFile: SSH Authentication success for user cisco on 192.X.X.250

2018-12-24 11:39:23,581 DEBUG [NetMessageDispatch] - drfUtils:sftpPutFile: Transferring files from: /common/drf/d3-sb-11pub_dUmmI_Drf to the server: 192.X.X.250 /UCM/Backups/d3-sb-11pub_dUmmI_Drf

2018-12-24 11:39:23,581 DEBUG [NetMessageDispatch] - drfSftpProgressMonitor:: STARTING: 0 /common/drf/d3-sb-11pub_dUmmI_Drf -> /UCM/Backups/d3-sb-11pub_dUmmI_Drf total: 0

+++++++++++ Bestandsoverdracht voltooid

2018-12-24 11:39:23,585 DEBUG [NetMessageDispatch] - drfSftpProgressMonitor:: ...File Transfer Completed

2018-12-24 11:39:23,586 DEBUG [NetMessageDispatch] - drfUtils:closeSFTPConnections: Closing ChannelSftp... 2018-12-24 11:39:23,586 DEBUG [NetMessageDispatch] - drfUtils:closeSFTPConnections: Disconnecting Channel... 2018-12-24 11:39:23,586 DEBUG [NetMessageDispatch] - drfUtils:closeSFTPConnections: Closing Session...

2018-12-24 11:39:23,586 DEBUG [NetMessageDispatch] - drfUtils:establishSftpConnection: Trying to connect to the SFTP server.

2018-12-24 11:39:23,587 DEBUG [NetMessageDispatch] - drfUtils:establishSftpConnection: Connecting SFTP server...

2018-12-24 11:39:23,733 DEBUG [NetMessageDispatch] - drfUtils:establishSftpConnection: Authentication Completed Successfully, connected to remote server. Now opening a SFTP channel.

CUCM verwijdert bestanden/UCM/Backups/d3-sb-11pub_dUmml_drf van de server: 192.X.250 Dit gebeurt om te bevestigen of CUCM privileges heeft ontvangen.

2018-12-24 11:39:24,277 DEBUG [NetMessageDispatch] - drfUtils:sftpDeleteFile: Deleting files /UCM/Backups/d3-sb-11pub_dUmmI_Drf from the server: 192.X.X.250

+++++++++

Met succes verwijderd +++++++++

2018-12-24 11:39:24,277 INFO [NetMessageDispatch] - drfutils.sftpDeleteFiles: Successfully deleted /UCM/Backups/d3-sb-11pub_dUmmI_Drf on the Server 192.X.X.250

2018-12-24 11:39:24,278 DEBUG [NetMessageDispatch] - drfUtils:closeSFTPConnections: Closing ChannelSftp... 2018-12-24 11:39:24,278 DEBUG [NetMessageDispatch] - drfUtils:closeSFTPConnections: Disconnecting Channel... 2018-12-24 11:39:24,278 DEBUG [NetMessageDispatch] - drfUtils:closeSFTPConnections: Closing Session... 2018-12-24 11:39:24,278 DEBUG [NetMessageDispatch] - drfUtils:isSftpLocationAccessible: Closing SFTP Client...

Start een handmatige back-up via de GUI-procedure

Stap 1. navigeren naar CUCM > Noodherstelsysteem > Back-up > Handmatige back-up zoals in de afbeeldingen:

Navigation	Disaster Recovery System 🗸	Go
admin <u>Se</u>	Cisco Unified Reporting	.oqout
	Cisco Unified CM Administration	
	Disaster Recovery System	
	Cisco Unified Serviceability	
	Cisco Unified OS Administration	

ciso	0 F)isaster Recovery System or Cisco Unified Communications Solutions
Backup	 Res 	tore - Help -
Bac Dev	kup ice eduler	
Mar Bac	ual kup	
Hist	ory	r Recovery System
Cur	rent Statu	us on: 11.5.1.15900-18
VM	vare In	nstallation: 1 vCPU@ Intel(R) Xeon(R) CPU E5-2

Stap 2. Selecteer het back-upapparaat, de functies waarvan een back-up moet worden gemaakt en klik op Start. Er wordt bijvoorbeeld een back-up gemaakt van alleen de UCM-functie, zoals in de afbeelding wordt getoond:

Backup 🔻 Restore 🔻 Help 👻							
Manual Backup							
Start Backup Estimate Size Select All Clear All							
Status Status:Ready							
⊂Select Backup Device							
Device Name* TAC-Backup							
-Select Features *							
The following components are registered with Disaster Recovery	System:						
Feature	Server						
UCM	D3-SB-11PUB	CDPAGT					
UCM	D3-SB-11PUB	SYSLOGAGT					
UCM	D3-SB-11PUB						
		PLATFORM					
UCM	D3-SB-11PUB	PLATFORM CLM					
UCM UCM	D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB					
UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT					
UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS					
UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS TFTP					
UCM UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH					
UCM UCM UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN					
UCM UCM UCM UCM UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT					
UCM UCM UCM UCM UCM UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CEF					
UCM UCM UCM UCM UCM UCM UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CEF REPORTER					
UCM UCM UCM UCM UCM UCM UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CEF REPORTER DNALIASLOOKUP					
UCM UCM UCM UCM UCM UCM UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CEF REPORTER DNALIASLOOKUP DNALIASLOOKUP					
UCM UCM UCM UCM UCM UCM UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CEF REPORTER DNALIASLOOKUP DNALIASLOOKUP DNALIASSYNC CAR					
UCM UCM UCM UCM UCM UCM UCM UCM UCM UCM	D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CEF REPORTER DNALIASLOOKUP DNALIASSYNC CAR ELM-AGENT					

• Wanneer de back-up wordt uitgevoerd, ziet u een statusindicatie zoals in de afbeelding:

Backup - Restore	▼ Help ▼					
Backup Status						
🐼 Refresh 🥚	Cancel					
(1) (1)			-			
Status						
Backup opera	ation in progress for server [05-50-11-00j, please wait				
Backup details						
Tar Filename:	2018-1	2-24-13-04-38.tar				
Backup Device:	NETWO	RK				
Operation:	BACKU	P				
Percentage Com	plete: 26%					
Feature	Server	Component	Status	Result **	Start Time	Log File *
UCM	D3-SB-11PUB	CDPAGT	100	SUCCESS	Mon Dec 24 13:04:38 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm cdpaqt.log
UCM	D3-SB-11PUB	SYSLOGAGT	100	SUCCESS	Mon Dec 24 13:04:40 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm syslogagt.log
UCM	D3-SB-11PUB	PLATFORM	100	SUCCESS	Mon Dec 24 13:04:41 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm platform.log
UCM	D3-SB-11PUB	CLM	100	SUCCESS	Mon Dec 24 13:04:44 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm clm.log
UCM	D3-SB-11PUB	CCMDB	0	Active	Mon Dec 24 13:04:44 PST 2018	
UCM	D3-SB-11PUB	TCT	0			
UCM	D3-SB-11PUB	CCMPREFS	0			
UCM	D3-SB-11PUB	TFTP	0			
UCM	D3-SB-11PUB	MOH	0			
UCM	D3-SB-11PUB	ANN	0			
UCM	D3-SB-11PUB	BAT	0			
UCM	D3-SB-11PUB	CEF	0			
UCM	D3-SB-11PUB	REPORTER	0			
UCM	D3-SB-11PUB	DNALIASLOOKUP	0			
UCM	D3-SB-11PUB	DNALIASSYNC	0			
Refresh				Cancel B	ackup	

• Wanneer de back-up is voltooid, wordt er een **SUCCESS-**bericht weergegeven dat aangeeft dat de **back-up is voltooid** in CUCM, zoals in de afbeelding wordt weergegeven:

jackup ▼ Restore ▼ Help ▼										
Backup Status										
Refresh	Cancel									
_										
Status										
SUCCESS: B	ackup Completed									
- Backup details		4								
Tar Filename:		2018-12-24-13-04-38.tar								
Backup Device:		NETWORK								
Operation:		BACKUP								
Percentage Con	nplete:	100%								
Feature	Server	Component	Status	Result **	Start Time	Log File *				
UCM	D3-SB-11PUB	CDPAGT	100	SUCCESS	Mon Dec 24 13:04:38 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm cdpagt.log				
UCM	D3-SB-11PUB	SYSLOGAGT	100	SUCCESS	Mon Dec 24 13:04:40 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm syslogagt.log				
UCM	D3-SB-11PUB	PLATFORM	100	SUCCESS	Mon Dec 24 13:04:41 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm platform.log				
UCM	D3-SB-11PUB	CLM	100	SUCCESS	Mon Dec 24 13:04:44 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm clm.log				
UCM	D3-SB-11PUB	CCMDB	100	SUCCESS	Mon Dec 24 13:04:44 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm ccmdb.log				
UCM	D3-SB-11PUB	TCT	100	SUCCESS	Mon Dec 24 13:04:59 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm tct.log				
UCM	D3-SB-11PUB	CCMPREFS	100	SUCCESS	Mon Dec 24 13:05:00 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm ccmprefs.log				
UCM	D3-SB-11PUB	TFTP	100	SUCCESS	Mon Dec 24 13:05:03 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm tftp.log				
UCM	D3-SB-11PUB	MOH	100	SUCCESS	Mon Dec 24 13:08:57 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm moh.log				
UCM	D3-SB-11PUB	ANN	100	SUCCESS	Mon Dec 24 13:09:00 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm ann.log				
UCM	D3-SB-11PUB	BAT	100	SUCCESS	Mon Dec 24 13:09:00 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm bat.log				
UCM	D3-SB-11PUB	CEF	100	SUCCESS	Mon Dec 24 13:09:02 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm cef.log				
UCM	D3-SB-11PUB	REPORTER	100	SUCCESS	Mon Dec 24 13:09:03 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm reportenlog				
UCM	D3-SB-11PUB	DNALIASLOOKUP	100	SUCCESS	Mon Dec 24 13:09:04 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm dnaliaslookup.log				
UCM	D3-SB-11PUB	DNALIASSYNC	100	SUCCESS	Mon Dec 24 13:09:05 PST 2018	2018-12-24-13-04-38 b d3-sb-11pub ucm dnaliassync.log				
Refresh				Cance	l Backup					

• Wanneer de back-up is voltooid, ziet u de .TAR-bestanden in de SFTP-map zoals in de afbeelding weergegeven. Deze bestanden worden later gebruikt, indien herstel vereist is:

root@CM-SET	• 0 •	/home//	nieco/	ICM/Backupe	E 11			
200000011011		11011107	2000/1	Join Buokupo				
total 22320	528							
drwxr-xr-x	2	cisco	cisco	20480	Dec	24	13:31	./
drwxr-xr-x	71	cisco	cisco	12288	Dec	21	13:33	/
-rw-rw-r	1	cisco	cisco	23792	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_drfComponent.xml
-rw-rw-r	1	cisco	cisco	10272	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_ANN.tar
-rw-rw-r	1	cisco	cisco	3123405	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_BAT.tar
-rw-rw-r	1	cisco	cisco	37990432	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_CCMDB.tar
-rw-rw-r	1	cisco	cisco	13015072	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_CCMPREFS.tar
-rw-rw-r	1	cisco	cisco	20538	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_CDPAGT.tar
-rw-rw-r	1	cisco	cisco	10360	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_CEF.tar
-rw-rw-r	1	cisco	cisco	10335	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_CLM.tar
-rw-rw-r	1	cisco	cisco	20512	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_DNALIASLOOKUP.tar
-rw-rw-r	1	cisco	cisco	10272	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_DNALIASSYNC.tar
-rw-rw-r	1	cisco	cisco	27904032	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_MOH.tar
-rw-rw-r	1	cisco	cisco	1597472	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_PLATFORM.tar
-rw-rw-r	1	cisco	cisco	20577	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_REPORTER.tar
-rw-rw-r	1	cisco	cisco	10298	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_SYSLOGAGT.tar
-rw-rw-r	1	cisco	cisco	10360	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_TCT.tar
-rw-rw-r	1	cisco	cisco	2202353616	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_TFTP.tar
root@CM-SF1	[P:/	/home/d	cisco/	JCM/Backups				

Start een handmatige back-up via de CLI-procedure

Stap 1. Secure Shell (SSH) naar het IP-adres van de CUCM-uitgever en authentiek met de gebruikersnaam en het wachtwoord voor het besturingssysteem zoals in de afbeelding:

🕵 PuTTY Configuration		?	\times
Category:			
⊡. Session	Basic options for your PuTTY ses Specify the destination you want to connect	sion t to	
- Keyboard Bell	Host Name (or IP address) 192. 06	Port 22	
⊡ Window	ORaw OTelnet ORlogin ●SSH	🔿 Seri	al
Appearance Behaviour Translation Selection Colours Connection Data Proxy	Load, save or delete a stored session Saved Sessions Default Settings	Load	
Telnet Rlogin		Delete	
Serial	Close window on exit: Always Never Only on cle	an exit	
About Help	Open	Cancel	

Stap 2. Start een Handmatige back-up met de opdrachtsyntaxis: gebruikt het back-upnetwerk van

noodherstel <optie> <naam van back-up apparaat> zoals in de afbeelding wordt weergegeven:

• Wanneer de back-up wordt uitgevoerd, ziet u een statusindicatie met de opdrachtsyntaxis: utils back-up van de ramp_recovery status zoals in de afbeelding wordt getoond:

192. 100 - Pullit
admin:utils disaster_recovery status backup
Status: Backup operation in progress for server [D3-SB-11PUB], please wait
Tar Filename: 2018-12-24-13-21-17.tar
Storage Location: NETWORK
Operation: backup
Percentage Complete: 46
UCM D3-SB-11PUB CDPAGT SUCCESS Mon Dec 24 13:21:17 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17 b d3-sb-11pub ucm cdpagt.log
UCM D3-SB-11FUB SYSLOGAGT SUCCESS Mon Dec 24 13:21:18 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17 b d3-sb-11pub ucm syslogagt.log
UCM D3-SB-11PUB PLATFORM SUCCESS Mon Dec 24 13:21:19 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_platform.log
UCM D3-SB-11PUB CLM SUCCESS Mon Dec 24 13:21:22 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17 b_d3-sb-11pub_ucm_0lm.log
UCM D3-SB-11PUB CCMDB SUCCESS Mon Dec 24 13:21:23 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17 b d3-sb-11pub ucm ccmdb.log
UCM D3-SB-11PUB TCT SUCCESS Mon Dec 24 13:21:36 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_tct.log
UCM D3-SB-11PUB CCMPREFS SUCCESS Mon Dec 24 13:21:36 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_ccmprefs.log
UCM D3-SB-11PUB TFTP Active Mon Dec 24 13:21:39 PST 2018
UCM D3-SB-11PUB MOH
UCM D3-SB-11PUB ANN
UCM D3-SB-11PUB BAT
UCM D3-SB-11PUB CEF
UCM D3-SB-11PUB REPORTER
UCM D3-SB-11PUB DNALIASLOOKUP
UCM D3-SB-11PUB DNALIASSYNC

 Wanneer de back-up is voltooid, ziet u een succesbericht met de opdrachtsyntaxis: utils backup van de ramp_recovery status zoals in de afbeelding wordt getoond:

admin:utils disaster_recovery status backup
Status: SUCCESS :Backup Completed
Tar Filename: 2018-12-24-13-21-17.tar
Storage Location: NETWORK
Operation: backup
Percentage Complete: 100
UCM D3-SB-11PUB CDPAGT SUCCESS Mon Dec 24 13:21:17 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_cdpagt.log
UCM D3-SB-11PUB SYSLOGAGT SUCCESS Mon Dec 24 13:21:18 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_syslogagt.log
UCM D3-SB-11PUB PLATFORM SUCCESS Mon Dec 24 13:21:19 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_platform.log
UCM D3-SB-11FUB CLM SUCCESS Mon Dec 24 13:21:22 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_clm.log
UCM D3-SB-11FUB CCMDB SUCCESS Mon Dec 24 13:21:23 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b d3-sb-11pub_ucm_ccmdb.log
UCM D3-SB-11PUB TCT SUCCESS Mon Dec 24 13:21:36 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_tct.log
UCM D3-SB-11FUB CCMPREFS SUCCESS Mon Dec 24 13:21:36 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-llpub_ucm_ccmprefs.log
UCM D3-SB-11PUB TFTP SUCCESS Mon Dec 24 13:21:39 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_tftp.log
UCM D3-SB-11PUB MOH SUCCESS Mon Dec 24 13:25:25 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_moh.log
UCM D3-SB-11PUB ANN SUCCESS Mon Dec 24 13:25:27 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_ann.log
UCM D3-SB-11PUB BAT SUCCESS Mon Dec 24 13:25:28 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_bat.log
UCM D3-SB-11FUB CEF SUCCESS Mon Dec 24 13:25:29 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_cef.log
UCM D3-SB-11FUB REPORTER SUCCESS Mon Dec 24 13:25:30 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-llpub_ucm_reporter.log
UCM D3-SB-11PUB DNALIASLOOKUP SUCCESS Mon Dec 24 13:25:31 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_dnaliaslookup.log
UCM D3-SB-11PUB DNALIASSYNC SUCCESS Mon Dec 24 13:25:32 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17 b_d3-sb-11pub_ucm_dnaliassync.log
admin:

Geplande back-up inschakelen via GUI-procedure

Stap 1. navigeren naar CUCM > Noodherstelsysteem > Back-up > Scheduler > Nieuw toevoegen zoals in de afbeeldingen:

Ba	ckup 🔻 🖡	estore - Help -	
	Backup Device		
	Schedule		
	Manual Backup		
	History	r Recovery S	/stem
	Current S	atus on: 11.5.1.15900-18	
	VMware	Installation: 1 vCPU@ Intel(R) Xeon(R) CPU E5-2690 v4 @ 2.60GH

Disaster Recovery System cisco

For Cisco Unified Communications Solutions

Backup - Restore - Help -
Schedule List
Add New
r Status
Status: No records found
c Schedule List
No Schedules configured.
Add New

Stap 2. Voeg een naam toe voor de automatische back-uptaak zoals in de afbeelding:

Scheduler	
Save 🧬 Set Default 💿 Disable Schedule 🖒 Enable Schedule 🤙 Back	
- Status	
Status:Ready	
- Schedule Name	
Schedule Name* Weekly-Backup	
- Select Backup Device	

Stap 3. Selecteer een back-upapparaat

Scheduler		
Save 🤣 Set Default 💿 Disable Schedule	Enable Schedule 🔶 Back	
– Status		
Status:Ready		
Schedule Name		
Schedule Name*	Weekly-Backup	
- Select Backup Device		
Device Name*	TAC-Backup 🗸	

Stap 4. Selecteer de functies waarvan u een back-up wilt maken

- Select Backup Device			
Server Buchup Berree			
Device Name*	TAC-Backup 🗸		
-Select Features *			
_		_	
✓ UCM	CDR_CAR	D PLM	
<u></u>			
The following components are registered with	th Disaster Recovery System:		

Stap 5. Kies een startdatum en kies de frequentie:

⊂Start Backup at*-						
Date	2018 v Dec v 30 v		Time	00 🗸 Hour	00 🗸 Minute	
- Frequency*						
O Once						
O Daily						
Weekly						
	Monday	Tuesday		Wednesday		Thursday
				_		
	Friday	Saturday		Sunday		
O Monthly						

L	Ом	onthly
	Save	Set Defa

Stap 7. Schakel de geplande back-up in:

Backup - Restore - He	Backup + Restore + Help +				
Schedule List					
Add New Select	All 🔛 Clear All 💥 Delete Selected 🕨 Er	able Selected Schedules Disable Selected Schedu	ules		
Status Status: 1 records for	Status Status: 1 records found				
Schedule List					
	Schedule Name	Device Name	Device Path	Schedule Status	
Wee	ly-Backup	TAC-Backup	192. 250 : /UCM/Backups/	Disabled	
Backup - Restore - He	•				
Add New Selec	All 🔛 Clear All 💥 Delete Selected 🕨 E	nable Selected Schedules 🛑 Disable Selected Sched	tules		
Status Enabled suc	essfully				
U Wee	Schedule Name	TAC-Backup	Device Path 192. 250 : /UCM/Backups/	Schedule Status Enabled	

Geplande back-up inschakelen via CLI-procedure

Stap 1. Secure Shell (SSH) naar het IP-adres van de CUCM-uitgever en authentiek met de gebruikersnaam en het wachtwoord voor het besturingssysteem zoals in de afbeelding:

🕵 PuTTY Configuration	? ×
Putty Configuration Category: Session Cogging Gradient Cogging Gradient Cogging Gradient Cogging Gradient Consection Colours Connection Proxy Telnet Rlogin Select Rlogin	Pasic options for your PuTTY session Specify the destination you want to connect to Host Name (or IP address) Port 192 06 22 Connection type: O SSH Serial Load, save or delete a stored session Saved Saved Save Default Settings Load Save Delete
SSH Serial	Close window on exit: Always Never Only on clean exit
About Help	Open Cancel

Stap 2. Voeg de geplande back-up toe met de opdrachtsyntaxis: **Hiermee voegt u** *<plannname> <devicname> <featurelist> <datetijd></NXNX frequentie> zoals in de afbeelding weergegeven:*

P 192. 106 - PuTTY
login as: admin
admin@192106's password:
Command Line Interface is starting up, please wait
Welcome to the Platform Command Line Interface
VMware Installation:
l vCPU: Intel(R) Xeon(R) CPU E5-2690 v4 @ 2.60GHz
Disk 1: 80GB, Partitions aligned
6144 Mbytes RAM
admin:utils disaster recovery schedule add Weekly-Backup TAC-Backup UCM 2018/12/30-00:00 weekly

Stap 3. Schakel de geplande back-up in met de opdrachtsyntaxis: Gebruik het programma ASR_recovery om <*plannname*> zoals in de afbeelding te activeren:



CUCM verwijdert een oud back-upvoorbeeld

Configuratie van het backup-apparaat met Aantal back-ups ingesteld op 1 zoals in de afbeelding:

Backup Device			
🔚 Save 🤙 Back			
⊂ Status			
Status:Ready			
Backup device name			
Backup device name*		TAC-Backup	
- Select Destination*			
Network Directory			
	Host name/IP address	192. 250	
	Path name	/UCM/Backups/	
	User name	cisco	
	Password		
Number of backups to store	e on Network Directory		

Back-uplijn met slechts 1 back-up beschikbaar (16 bestanden) zoals in de afbeelding weergegeven:

root@CM-S	FTP:	/home	/cisco/	UCM/Backups	\$ 11			
total 223	2628	\$						
drwxr-xr-	к 2	cisc	o cisco	20480	Dec	24	13:31	./
drwxr-xr-	ĸ 71	. cisc	o cisco	12288	Dec	21	13:33	/
-rw-rw-r-	- 1	. cisc	o cisco	23792	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_drfComponent.xml
-rw-rw-r-	- 1	. cisc	o cisco	10272	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_ANN.tar
-rw-rw-r-	- 1	. cisc	o cisco	3123405	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_BAT.tar
-rw-rw-r-	- 1	. cisc	o cisco	37990432	Dec	24	13:27	2018-12-24-13-04-38 D3-SB-11PUB_UCM_CCMDB.tar
-rw-rw-r-	- 1	. cisc	o cisco	13015072	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_CCMPREFS.tar
-rw-rw-r-	- 1	. cisc	o cisco	20538	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_CDPAGT.tar
-rw-rw-r-	- 1	. cisc	o cisco	10360	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_CEF.tar
-rw-rw-r-	- 1	. cisc	o cisco	10335	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_CLM.tar
-rw-rw-r-	- 1	. cisc	o cisco	20512	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_DNALIASLOOKUP.tar
-rw-rw-r-	- 1	. cisc	o cisco	10272	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_DNALIASSYNC.tar
-rw-rw-r-	- 1	. cisc	o cisco	27904032	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_MOH.tar
-rw-rw-r-	- 1	. cisc	o cisco	1597472	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_PLATFORM.tar
-rw-rw-r-	- 1	. cisc	o cisco	20577	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_REPORTER.tar
-rw-rw-r-	- 1	. cisc	o cisco	10298	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_SYSLOGAGT.tar
-rw-rw-r-	- 1	. cisc	o cisco	10360	Dec	24	13:27	2018-12-24-13-04-38_D3-SB-11PUB_UCM_TCT.tar
-rw-rw-r-	- 1	. cisc	o cisco	2202353616	Dec	24	13:31	2018-12-24-13-04-38_D3-SB-11PUB_UCM_TFTP.tar
root@CM-S	FTP:	/home	/cisco/	UCM/Backups	ŧ			

CUCM start eerst met het overdragen van reservekopieën voordat de oude back-up wordt verwijderd (hiermee worden 32 bestanden bereikt):



Nadat de back-up is voltooid, verwijdert DRS de oude back-up om te voldoen aan het aantal backups die in Network Directory moeten worden opgeslagen (16 bestanden):

Backup - Restore	Help					-													
Backup Status						🧬 root@CM-	-SFTP: /ho	me/cisco/U	CM/Backups								-		×
Refresh Status Status Status Success: B Backup details Tar Filename: Backup Device: Operation: Percentage Con	Cancel	2018-12-25-11-12-03.tar NETWORK BACKUP 100%			_	rot@CM-SFT total 22365 diwxr-xr-x ciwxr-xr-x -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r	IP:/hom 956 2 cis 71 cis 1 cis	e/cisco/ co cisco co cisco	UCH/Backups 20480 12288 23791 10272 3123405 42424552 20538 10360 10355 20512 20512 20542	# 11 Dec 25 Dec 25	11:39 13:33 11:39 11:39 11:35 11:35 11:35 11:34 11:39 11:34 11:39 11:39 11:39	./ 2018-12 2018-12 2018-12 2018-12 2018-12 2018-12 2018-12 2018-12 2018-12 2018-12 2018-12	-25-11-1 -25-11-1 -25-11-1 -25-11-1 -25-11-1 -25-11-1 -25-11-1 -25-11-1 -25-11-1 -25-11-1	2-03_03 2-03_03 2-03_03 2-03_03 2-03_03 2-03_03 2-03_03 2-03_03 2-03_03 2-03_03 2-03_03 2-03_03	-SB-11PC -SB-11PC -SB-11PC -SB-11PC -SB-11PC -SB-11PC -SB-11PC -SB-11PC -SB-11PC -SB-11PC -SB-11PC	JB_drfCoo JB_UCM_AL JB_UCM_C UB_UCM_C UB_UCM_C UB_UCM_C UB_UCM_C UB_UCM_C UB_UCM_C UB_UCM_AL UB_UCM_AL	mponent NN.tar AT.tar CMDB.ta CMPREFS DPAGT.t EF.tar IM.tar NALIASL NALIASS OH.tar	.xml r .tar ar OOKUP. YNC.ta	naz D
Fasters	6	Comment	Chalters	Decels 33	_	-rw-rw-r	l cis	co cisco	1597472	Dec 25	11:34	2018-12	-25-11-1	2-03 D3	-SB-11PT	JB_UCM_P	LATFORM	tar	
HCM	D3-SB-11PUB	COPAGE	100	SUCCESS	Tue Dec 25.1	-rw-rw-r	l cis	co cisco	10298	Dec 25 Dec 25	11:39	2018-12	-25-11-1	2-03_D3 2-03_D3	-SB-11P0	UB UCM S	YSLOGAG	T.tar	
UCM	D3-SB-11PUB	SYSLOGAGT	100	SUCCESS	Tue Dec 25 1	-rw-rw-r	1 cis	co cisco	10360	Dec 25				2-03_D3		JB_UCM_T			
UCM	D3-SB-11PUB	PLATFORM	100	SUCCESS	Tue Dec 25 1	-rw-rw-r	1 cis	co cisco	2202353616	Dec 25	11:39	2018-12	-25-11-1	2-03 D3	-SB-11P	JB UCM T	FTP.tar		
UCM	D3-SB-11PUB	CIM	100	SUCCESS	Tue Dec 25 1	root@CM-SF1	TP:/hom	e/cisco/	UCM/Backups										
UCM	D3-SB-11PUB	CCMDB	100	SUCCESS	Tue Dec 25 1	1													
UCM	D3-SB-11PUB	TCT	100	SUCCESS	Tue Dec 25 1	1													
UCM	D3-SB-11PUB	COMPRES	100	SUCCESS	Tue Dec 25 1	1													
UCM	D2-58-110UB	TETD	100	SUCCESS	Tue Dec 25 1	1													
UCM	D3-58-11P08	IFIP	100	SUCCESS	Tue Dec 25 1														
UCM	D3-58-11PUB	NUN	100	SUCCESS	Tue Dec 25 1														
UCM	D3-58-11PUB	ANN	100	SUCCESS	Tue Dec 25 1	1													
UCM	D3-58-11PUB	BAI	100	SUCCESS	Tue Dec 25 1	1													
UCM	D3-58-11PUB	CEF	100	SUCCESS	Tue Dec 25 1	1													
UCM	D3-SB-11PUB	REPORTER	100	SUCCESS	Tue Dec 25 1	1													
UCM	D3-SB-11PUB	DNALIASLOOKUP	100	SUCCESS	Tue Dec 25 1	1													
UCM	D3-SB-11PUB	DNALIASSYNC	100	SUCCESS	Tue Dec 25 1	1													
Refresh	name to view the los	5 file		c	ancel Backup														~

Log analyse van succesvolle nieuwe back-up gemaakt en oude back-up verwijderd

+++++

Het bericht dat u ziet wanneer er een handmatige back-up wordt gestart: BEGIN HANDLEIDING ++++++

```
2018-12-25 11:11:59,486 DEBUG [NetMessageDispatch] - drfMessageValidator.validateMessage():
Starting introspection for Message ID = 1700 Message Body =
    ======== BEGIN msgSubBackup_REQ ========
    m_bLeaveTempBackupDirectoryInPlace : false
    destinationId : TAC-Backup
    backupType : MANUAL
    featuresTobeBackedup : [UCM]
    ======== END msgSubBackup_REQ =========
```

++++++++

Dit is het apparaat dat als back-upapparaat werd toegevoegd: TAC-back-up

2018-12-25 11:11:59,486 DEBUG [NetMessageDispatch] - drfMessageHandler:HandleBackup: The backup is being processed for the device: TAC-Backup

2018-12-25 11:11:59,487 DEBUG [NetMessageDispatch] - drfMessageHandler:HandleBackup: Executing sftpLsFiles to make sure SFTP is accessible. 2018-12-25 11:11:59,487 INFO [NetMessageDispatch] - drfUtils:sftpLsFiles-: Executing JSCH SFTP ls command for: User: ciscoHostName: 192.X.X.250 from source :/UCM/Backups/ with pattern -1 2018-12-25 11:11:59,487 DEBUG [NetMessageDispatch] - drfUtils:establishSftpConnection: Trying to connect to the SFTP server.

2018-12-25 11:11:59,617 DEBUG [NetMessageDispatch] - drfUtils:establishSftpConnection: Authentication Completed Successfully, connected to remote server. Now opening a SFTP channel.

2018-12-25 11:11:59,834 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Found 1 features selected for Restore 2018-12-25 11:11:59,834 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: CDPAGTDirectBackup set to : yes 2018-12-25 11:11:59,834 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: SYSLOGAGTDirectBackup set to : yes 2018-12-25 11:11:59,834 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: PLATFORMDirectBackup set to : yes 2018-12-25 11:11:59,834 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: PLATFORMDirectBackup set to : yes 2018-12-25 11:11:59,834 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: CLMDirectBackup set to : yes 2018-12-25 11:11:59,834 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: CLMDirectBackup set to : yes 2018-12-25 11:11:59,834 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: CLMDirectBackup set to : yes 2018-12-25 11:11:59,834 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: TCTDirectBackup set to : yes 2018-12-25 11:11:59,835 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: CCMPREFSDirectBackup set to : yes 2018-12-25 11:11:59,835 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: TFTPDirectBackup set to : yes 2018-12-25 11:11:59,835 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: MOHDirectBackup set to : yes 2018-12-25 11:11:59,835 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: ANNDirectBackup set to : yes 2018-12-25 11:11:59,835 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: BATDirectBackup set to : yes 2018-12-25 11:11:59,835 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: CEFDirectBackup set to : yes 2018-12-25 11:11:59,835 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: REPORTERDirectBackup set to : yes 2018-12-25 11:11:59,835 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: DNALIASLOOKUPDirectBackup set to : ves

2018-12-25 11:11:59,835 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType: Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: DNALIASSYNCDirectBackup set to : yes

2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 33 files found at the given path 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_PLATFORM.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB drfComponent.xml 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_REPORTER.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB UCM CLM.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_DNALIASSYNC.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_REPORTER.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_MOH.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_BAT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_CCMDB.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_SYSLOGAGT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_CEF.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_CCMPREFS.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB UCM CCMPREFS.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_TCT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB UCM CEF.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB UCM PLATFORM.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3SB-11PUB_UCM_CDPAGT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_ANN.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB UCM SYSLOGAGT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_TFTP.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_TFTP.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB UCM CCMDB.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_ANN.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_DNALIASSYNC.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_DNALIASLOOKUP.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_CDPAGT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_MOH.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB UCM CLM.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_DNALIASLOOKUP.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_BAT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17_D3-SB-11PUB_UCM_TCT.tar

2018-12-25 11:16:23,887 INFO [TarWorkerThread] - drfSftpManager:drfGetListOfBackups: Adding the backup id after the _pubhostname filtering:2018-12-24-13-21-17 2018-12-25 11:16:23,887 INFO [TarWorkerThread] - drfSftpManager:drfGetListOfBackups: Adding the backup id after the _pubhostname filtering:2018-12-25-11-12-03

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grootte van de lijst : 1 ++++++

2018-12-25 11:16:24,852 INFO [TarWorkerThread] - drfSftpManager.RemoveOldBackupSet: list size : 1

2018-12-25 11:16:24,852 INFO [TarWorkerThread] - drfSftpManager.RemoveOldBackupSet: Removing: /UCM/Backups/2018-12-24-13-21-17_D3-SB-11PUB*

2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 18 files found at the given path 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB UCM REPORTER.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_CLM.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_MOH.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_BAT.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB UCM CEF.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_CCMPREFS.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB UCM TCT.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_PLATFORM.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB UCM CDPAGT.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_ANN.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_SYSLOGAGT.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_TFTP.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_CCMDB.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_DNALIASSYNC.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB_UCM_DNALIASLOOKUP.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_D3-SB-11PUB drfComponent.xml 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: Found 16 matching the search criteria.

2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfUtils:closeSFTPConnections: Closing ChannelSftp... 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfUtils:closeSFTPConnections: Disconnecting Channel... 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfUtils:closeSFTPConnections: Closing Session...

2018-12-25 11:16:26,572 INFO [TarWorkerThread] - {STATE_IDLE} drfBackup:CompleteBackup(Device=-): === BACKUP operation COMPLETED ===

Verifiëren

Om te controleren of de back-up geslaagd is, moet u het statusbericht **SUCCESS** zien: **Back-up voltooid** zoals in de afbeelding weergegeven:

Backup - Restore	e ▼ Help ▼													_	_	_	_	
Backun Status						🧬 root@CM-SF	TP: /home/cisco/UC	M/Backups								-		×
Refresh Status Success: E Backup details Tar Filename: Backup Device: Operation: Percentage Cor	Cancel	2018-12-25-11-12-03.tar NETWORK BACKUP 100%			_	root@CM-SFTP total 223695 drwr-wr-w drwr-wr-w -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r	:/home/cisco/U 6 2 cisco cisco 1 cisco cisco	JCM/Backups# 20480 12288 23791 10272 3123405 42424352 13015072 20538 10360 10335 20512 10272 27904032	11 Dec 25 1: Dec 25 1:	L:39 ./ 3:33 L:39 20 L:39 20 L:35 20 L:35 20 L:35 20 L:34 20 L:34 20 L:34 20 L:34 20 L:39 20 L:39 20	/ 18-12- 18-12- 18-12- 18-12- 18-12- 18-12- 18-12- 18-12- 18-12- 18-12- 18-12-	25-11-12 25-11-12 25-11-12 25-11-12 25-11-12 25-11-12 25-11-12 25-11-12 25-11-12 25-11-12	-03_D3 -03_D3 -03_D3 -03_D3 -03_D3 -03_D3 -03_D3 -03_D3 -03_D3 -03_D3 -03_D3 -03_D3		PUB_drf PUB_UCM PUB_UCM PUB_UCM PUB_UCM PUB_UCM PUB_UCM PUB_UCM PUB_UCM PUB_UCM PUB_UCM	Componen ANN.tar BAT.tar CCMDB.t CCMPREF CCPAGT. CCPF.tar CDF.tar CEF.tar CDM.LIAS DNALIAS MOH.tar	t.xml ar S.tar tar LOOKUP SSYNC.t	.tar a:
Fasture	Comme	Comment	Chabura	Deculs **	_	-rw-rw-r	l cisco cisco	1597472	Dec 25 1	1:34 20	18-12-	25-11-12	-03 D3	-SB-11	PUB_UCM	PLATFOR	M.tar	
Heature	D2-SR-11DUR	CDRAGT	100	Result	Tue Dec 25 1	-rw-rw-r	l cisco cisco	10298	Dec 25 1	L:39 20 L:34 20	18-12-	25-11-12	2-03_D3 2-03_D3	-58-111 -58-11	PUB_UCM	SYSLOG	GT.tar	
UCM	D3-SB-110UB	SYSLOGAGT	100	SUCCESS	Tue Dec 25 1	-rw-rw-r	l cisco cisco	10360	Dec 25 1	L:35 20			-03 D3		PUB UCM	TCT.tar		
UCM	D3-58-110UB	DIATEODM	100	SUCCESS	Tue Dec 25 1	-rw-rw-r	l cisco cisco	2202353616	Dec 25 1	L:39 20	18-12-	25-11-12	-03 D3	-SB-11	PUB UCM	TFTP.ta	τ	
UCM	D3-SB-11PUB	CIM	100	SUCCESS	Tue Dec 25 1	root@CM-SFTP	:/home/cisco/U	JCM/Backups#										
UCM	D3-SB-110UB	COMDR	100	SUCCESS	Tue Dec 25 1	1												
UCM	D3-58-119UB	TCT	100	SUCCESS	Tue Dec 25 1	1												
UCM	D3-58-110UB	COMPRESS	100	SUCCESS	Tue Dec 25 1													
UCM	D3-35-11PUB	TETR	100	SUCCESS	Tue Dec 25 1													
UCM	D3-38-11908	IFIF MOH	100	SUCCESS	Tue Dec 25 1													
UCM	D2-58-110UB	ANN	100	SUCCESS	Tue Dec 25 1													
UCM	D2-58-110UB	PAT	100	SUCCESS	Tue Dec 25 1													
UCM	D2-58-119UB	CEE	100	SUCCESS	Tue Dec 25 1													
UCM	D3-56-11908	REPORTER	100	SUCCESS	Tue Dec 25 1	1												
UCM	03-30-11PUB	REPORTER DNALTACLOOKUD	100	SUCCESS	Tue Dec 25 1													
UCM	03-56-11PUB	DNALIASLOOKUP	100	SUCCESS	Tue Dec 25 1													
	03-30-11FUD	UNALIASSING	100	5500255	100 000 25 1	-												
Refresh				Can	cel Backup													

Problemen oplossen

Om back-ups van problemen op CUCM te kunnen oplossen, hebt u het volgende nodig:

- DRF Lokale loggen
- DRF-Master logs

In RTMT, navigeer naar **Trace en Log Central > Verzamel bestanden > Cisco DRF Local en Cisco DRF Master** voor alle servers zoals in de afbeelding:

stem Summary Trace & Log Central Collect Files in progress for node d3-sb-11pub ever CPU and Memory Deckt Jake Collect Files Process Collect Tiles Down Schedule Collector Schedule Collector Collect Tiles Down Select all Services on all Servers Collect Tiles Down Select all Services on all Servers Collect Trins Collect Trins Down Collect Trins Collect Trins Down Collect Trins Down Select System Services/Applications Down Collect Crash Dum Down Collect Crash Dum Collect Tinstall Logs Down Cisco CCMAdmin Web Service Down Performance Collect Crash Dum Down Cisco CCMRealm Web Service Down Own Cisco CCMRealm Web Service Down Cisco CCPR Agent Down Own Cisco CCMRealm Veb Service Down Cisco CCPR Agent Down Own Cisco CCP Agent Down Cisco CeP Agent Down Own Cisco CeP Agent Down Cisco CeP F Local Down VLT AuditL	Signation				
Cisco Database Library Trace	stem Summary System Summary IVER CPU and Memory Process Disk Usage Critical Services formance Performance Performance Log Viewer OIS Alert Central Trace & Log Central Job Status SysLog Viewer VLT AuditLog Viewer	Trace & Log Central Trace & Log Central Remote Browse Collect Files Collect Files Collect Ollection Collect Crash Dum Collect Crash Dum Collect Install Logs Audit Logs	Collect Files in progress for node d3-sb-11pub	Ecouited Backt tolt occurites Tr I Services on all Servers All Servers 	bininal OLI CM Backune (2) Tease

U kunt informatie vinden in <u>Hoe u Traces kunt verzamelen voor CUCM 9.x of later</u>

Toegang tot de externe SFTP wordt aanbevolen.