# Configurazione e risoluzione dei problemi di backup di Cisco Unified Communications Manager (CUCM)

## Sommario

Introduzione Prerequisiti **Requisiti** Componenti usati Premesse Configurazione Procedura di aggiunta del dispositivo di backup tramite GUI Procedura di aggiunta del dispositivo di backup tramite CLI Analisi del log per l'aggiunta di un dispositivo di backup Avvio di un backup manuale mediante la procedura GUI Avvio di un backup manuale mediante la procedura CLI Abilita backup pianificato tramite procedura GUI Abilitazione del backup pianificato tramite la procedura CLI Esempio di eliminazione di un backup precedente in CUCM Analisi del log per il nuovo backup creato e il vecchio backup eliminato Verifica Risoluzione dei problemi

## Introduzione

Questo documento descrive la procedura per aggiungere un dispositivo di backup a Cisco Unified Communications Manager (CUCM).

# Prerequisiti

## Requisiti

Cisco raccomanda la conoscenza dei seguenti argomenti:

- Cisco Unified Communications Manager (CUCM)
- Amministrazione del server Secure File Transfer Protocol (SFTP)

### Componenti usati

- Cisco Unified Communications Manager 11.5
- Server Linux SFTP

Le informazioni discusse in questo documento fanno riferimento a dispositivi usati in uno specifico

ambiente di emulazione. Su tutti i dispositivi menzionati nel documento la configurazione è stata ripristinata ai valori predefiniti. Se la rete è operativa, valutare attentamente eventuali conseguenze derivanti dall'uso dei comandi.

## Premesse

L'obiettivo dei backup disponibili nell'ambiente con qualsiasi software è quello di consentire il ripristino in caso di guasto irreparabile. I backup sono importanti per evitare la perdita di dati in caso di danneggiamento del software, guasti hardware o calamità naturali.

Topologia CUCM e SFTP come mostrato nell'immagine:



## Configurazione

### Procedura di aggiunta del dispositivo di backup tramite GUI

Passaggio 1. Passare a CUCM > Disaster Recovery System > Backup > Backup Device (CUCM > Sistema di ripristino di emergenza > Backup > Dispositivo di backup) e fare clic su Add New (Aggiungi nuovo) come mostrato nelle immagini:



	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
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.

Passaggio 2. Aggiungere un nome di dispositivo di backup, un indirizzo IP, un nome di percorso, un nome utente e una password come mostrato nelle immagini:

- L'indirizzo IP deve essere il server SFTP di destinazione in cui vengono archiviati i backup.
- Il nome del percorso è la directory all'interno del server SFTP in cui vengono archiviati i backup.
- Il nome utente e la password devono essere presenti nel server SFTP ai fini dell'autenticazione.

• Il numero di backup da archiviare nella directory di rete deve essere impostato sul numero di backup da conservare nella directory SFTP.

Al termine, fare clic su Salva.

Backup 🔻 Restore 💌 Help 💌	
Backup Device	
Save Back	
_ Status	
(i) 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 on Network Directory	1 ~
Save Back	

Confermare che l'aggiornamento è riuscito come mostrato nell'immagine:

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 🗸	
Den els			
Save Back			

## Procedura di aggiunta del dispositivo di backup tramite CLI

Passaggio 1. SSH (Secure Shell) nell'indirizzo IP del server di pubblicazione CUCM e autenticazione con il nome utente e la password del sistema operativo (OS), come mostrato nelle immagini:

🕵 PuTTY Configuration	? ×
Category:	
Session Logging Logging Terminal Keyboard Bell Features Features Vindow Appearance Behaviour Translation Selection Colours Colours Colours Colours Data Proxy Telnet Rlogin SSH Serial	Basic options for your PuTTY session         Specify the destination you want to connect to         Host Name (or IP address)         192       06         22         Connection type:         Raw       Telnet         Raw       Telnet         Rogin       SSH         Secial         Load, save or delete a stored session         Saved Sessions         Default Settings         Load         Save         Delete
About Help	Open Cancel

### Putty 192. 106 - Putty



Passaggio 2. Aggiungere il dispositivo di backup con la seguente sintassi: **utilizza il dispositivo di disaster recovery add network** <nome dispositivo di backup> <percorso> <indirizzo-ip del server remoto> <nome utente> [numero di backup] come mostrato nell'immagine:

```
🗬 192. 106 - PuTTY
```

```
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:
```

Al momento dell'esecuzione della procedura Aggiungi dispositivo di backup, la procedura descritta di seguito viene eseguita in CUCM:

- 1. Contatta il server SFTP e autentica
- 2. Trasferire un file di test nella directory
- 3. Disconnetti dal server SFTP
- 4. Contatta il server SFTP e autentica
- 5. Elimina il file di test nella directory
- 6. Disconnetti dal server SFTP

**Nota:** Se una di queste operazioni non riesce, CUCM non è in grado di aggiungere il dispositivo di backup.

### Analisi del log per l'aggiunta di un dispositivo di backup

```
2018-12-24 11:39:22,494 DEBUG [NetMessageDispatch] - drfMessageValidator.validateMessage():
Starting introspection for Message ID = 3200 Message Body =
    ======= BEGIN msgSubUpdateDestination_REQ ========
    devicepath : /UCM/Backups/
    devicetype : NETWORK
    hostname : 192.X.X.250
    m_iBackupSetCount : 1
    password : 8f5fcb108a798014abff9ab4fc006f2a83027d6c858f0ac9b2720a32balb8d3c
    storagelocationname : TAC-Backup
    username : cisco
    version : 1.0.0
    schedules : []
    ======= END msgSubUpdateDestination_REQ ========
```

#### 

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

CUCM trasferisce i file da: /common/drf/d3-sb-11pub\_dUmmI\_Drf al server: 192.X.X.250 /UCM/Backups/d3-sb-11pub\_dUmmI\_Drf

Questa operazione viene eseguita per verificare se CUCM dispone di privilegi di lettura/scrittura.

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

#### 

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. 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

### 

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...

### Avvio di un backup manuale mediante la procedura GUI

Passaggio 1. Passare a CUCM > Disaster Recovery System > Backup > Backup manuale come mostrato nelle immagini:



diada cisco	Disaster Recovery System For Cisco Unified Communications Solutions
Backup 🔻	Restore - Help -
Backup Device Schedu	ler
Manual Backup	
History	r Recovery System
Current	Status on: 11.5.1.15900-18
VMwar	re Installation: 1 vCPU@ Intel(R) Xeon(R) CPU E5-:

Passaggio 2. Selezionare il dispositivo di backup, le funzionalità di cui eseguire il backup e fare clic su Start. Per questo esempio, viene eseguito il backup solo della funzionalità UCM, come mostrato nell'immagine:

Backup   Restore  Help								
Manual Backup								
Start Backup Estimate Size Estimate Size Clear All								
- Status								
┌Select Backup Device								
Device Name* TAC-Backup								
-Select Features *								
Ø ucm								
The following components are registered with Disaster Recovery S	System:							
Feature	Comica							
Feature	Server	CDRAGT						
Feature UCM	Server D3-S8-11PUB D3-S8-11PUB	CDPAGT SYSLOGAGT						
Feature UCM UCM UCM	Server D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM						
Feature UCM UCM UCM UCM UCM	Server D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM						
Feature UCM UCM UCM UCM UCM UCM UCM	Server D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB						
Feature UCM UCM UCM UCM UCM UCM UCM UCM UCM	Server D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT						
Feature UCM	Server D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS						
Feature           UCM	Server           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	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS TFTP						
Feature UCM	Server           D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH						
Feature UCM	Server           D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN						
Feature           UCM	Server           D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT						
Feature           UCM	Server           D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CCFF						
Feature           UCM	Server           D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CCF REPORTER						
Feature           UCM	Server           D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCM0B TCT CCMPREFS TFTP MOH ANN BAT CEF REPORTER DNALIASLOOKUP						
Feature           UCM	Server           D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CEF REPORTER DNALIASLOOKUP DNALIASSYNC						
Feature           UCM           UCM	Server           D3-SB-11PUB           D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CEF REPORTER DNALIASLOOKUP DNALIASSYNC CAR						
Feature           UCM           UCM	Server           D3-SB-11PUB           D3-SB-11PUB	CDPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS TFTP MOH ANN BAT CEF REPORTER DNALIASLOOKUP DNALIASSYNC CAR ELM-AGENT						

• Quando il backup è in corso, viene visualizzata un'indicazione di stato come mostrato nell'immagine:

Backup - Restor	e 🕶 Help 🕶					
Backup Status						
🐼 Refresh 🥚	Cancel					
Status Backup operation in progress for server [D3-SB-11PUB], please wait						
Backup details	5					
Tar Filename: 2018-12-24-13-04-38.tar Backup Device: NETWORK Operation: BACKUP Percentage Complete: 25%						
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	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	МОН	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	

• Una volta completato il backup, viene visualizzato il messaggio **SUCCESS** che indica il **backup completato** in CUCM, come mostrato nell'immagine:

Backup · Restore	e ▼ Help ▼					
Backup Status						
Refresh	Cancel					
		1				
Status SUCCESS: Backup Completed						
– Backup details						
buckup uctuits						
Tar Filename:	2	018-12-24-13-04-38.tar				
Backup Device:	: N	IETWORK				
Operation:	E	BACKUP				
Percentage Cor	mplete: 1	00%				
Feature	Familia	Component	Chabus	Pacult **	Chark Time	Les 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	тст	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	мон	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 reporter.log
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	

 Una volta completato il backup, i file .TAR vengono visualizzati nella directory SFTP come mostrato nell'immagine. Questi file vengono utilizzati successivamente, se è necessario un ripristino:

root@CM-SF	TP:	/home/@	cisco/N	JCM/Backups	11			
total 2232	628							
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-SF	TP:	/home/o	cisco/U	JCM/Backups	1			

## Avvio di un backup manuale mediante la procedura CLI

Passaggio 1. SSH (Secure Shell) nell'indirizzo IP del server di pubblicazione CUCM e autenticazione con il nome utente e la password del sistema operativo, come mostrato nell'immagine:

🕵 PuTTY Configuration	? ×
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)         192       06         192       06         Connection type:         Raw       Telnet         Raw       Telnet         Raw       Telnet         Besic options for your PuTTY session         Load, save or delete a stored session         Saved Sessions         Default Settings       Load         Save       Delete         Close window on exit:       @ Only on clean exit
About Help	Open Cancel

Passaggio 2. Avviare un backup manuale con la sintassi del comando: **utilizza disaster\_recovery backup network** <elenco funzionalità> <nome dispositivo di backup> come mostrato nell'immagine:

₽ 192106 - PuTTY	
adminuitils disaster recovery backup network HCM TAC-Backup	
drfCliMsg: Backup initiated successfully. Please run 'utils disaster_recovery status	backup' command to see the status

• Quando il backup è in corso, viene visualizzata un'indicazione di stato con la sintassi del

comando: utilizza il backup dello stato di disaster recovery come mostrato nell'immagine:

admin:utils disaster_recovery status backup					
Status: Backup operation in progress for server [D3-SB-llPUB], 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-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-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_clm.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					

 Una volta completato il backup, viene visualizzato un messaggio di operazione riuscita con la sintassi del comando: utilizza il backup dello stato di disaster recovery come mostrato nell'immagine:

🛃 🛃 🛃	106 - PuTTY	0
admin:	utils disaster	r_recovery status backup
Status	: SUCCESS :Bac	kup Completed
Tar Fi	lename: 2018-1	12-24-13-21-17.tar
Storage	e Location: NH	ETWORK
Operat:	ion: backup	
Percent	tage 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-llpub_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-llpub_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-llpub_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-llpub_ucm_clm.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-llpub_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-llpub_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-llpub_ucm_ccmprefs.log
UCM 1	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-llpub_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-llpub_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-llpub_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-llpub_ucm_bat.log
UCM	D3-SB-11PUB	CEF SUCCESS Mon Dec 24 13:25:29 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-llpub_ucm_cef.log
UCM	D3-SB-11PUB	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-llpub_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-llpub_ucm_dnaliassync.log
admin:		

### Abilita backup pianificato tramite procedura GUI

Passaggio 1. Passare a CUCM > Disaster Recovery System > Backup > Scheduler > Aggiungi nuovo come mostrato nelle immagini:

Ba	ckup 👻 R	estore - Help -
	Backup Device	
	Scheduler	
	Manual Backup	
	History	r Recovery System
	Current St	atus on: 11.5.1.15900-18
	VMware	Installation: 1 vCPU@ Intel(R) Xeon(R) CPU E5-2690 v4 @ 2.60GF

### **Disaster Recovery System** cisco

For Cisco Unified Communications Solutions

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

Passaggio 2. Aggiungere un nome per l'operazione di backup automatico come mostrato nell'immagine:

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

Passaggio 3. Seleziona un dispositivo di backup

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

Passaggio 4. Selezionare le funzionalità di cui eseguire il backup

L					
c Select Backun Device					
Device Name*	TAC-Backup 🗸				
-Select Features *					
_		_			
₩исм					
I he rollowing components are registered with Disaster Recovery System:					

### Passaggio 5. Scegliere una data di inizio e scegliere la frequenza:

y

Passaggio 6. Salvataggio



### Passaggio 7. Abilitare il backup pianificato:

Backup - Restore	Backup + Restore + Help +					
Schedule List	Schedule List					
Add New	🕂 Add New 🏢 Select AI 🏢 Clear AI 💥 Delete Selected Chedules 🧶 Enable Selected Schedules					
_ Status						
③ Status: 1 rec	cords found					
L						
Schedule List-						
	Schedule Name	Device Name	Device Path	Schedule Status		
	Weekly-Backup	TAC-Backup	192.1 250 : /UCM/Backups/	Disabled		
Backup 🔻 Restore	Backup ▼ Restore ▼ Help ▼					
Schedule List						
🖞 Add New 🏢 Select Al 🔛 Clear Al 💥 Delete Selected Schedules 🥮 Disable Selected Schedules						
- Status						
Status: Enabled successfully						
∫ Schedule List						
	Schedule Name	Device Name	Device Path	Schedule Status		
	Weekly-Backup	TAC-Backup	192. 250 : /UCM/Backups/	Enabled		

## Abilitazione del backup pianificato tramite la procedura CLI

Passaggio 1. SSH (Secure Shell) nell'indirizzo IP del server di pubblicazione CUCM e autenticazione con il nome utente e la password del sistema operativo, come mostrato nell'immagine:

🕵 PuTTY Configuration	? ×
Category: Session Logging Terminal Keyboard Bell	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: Raw Telnet Rlogin SSH Serial Load, save or delete a stored session Saved Sessions
Colours Connection Data Proxy Telnet Rlogin	Default Settings Load Save Delete
About	Close window on exit: Always Never Only on clean exit

Passaggio 2. Aggiungere il backup pianificato con la sintassi del comando: **utilizza la pianificazione di disaster\_recovery add** *<nomepianificazione> <nomeperiferica> <elenco funzionalità> <datetime><frequency> come mostrato nell'immagine:* 

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:
1 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

Passaggio 3. Abilitare il backup pianificato con la sintassi del comando: utilizza la pianificazione di disaster\_recovery enable <*nomepianificazione*> come mostrato nell'immagine:



### Esempio di eliminazione di un backup precedente in CUCM

Configurazione del dispositivo di backup con il numero di backup impostato su 1 come mostrato nell'immagine:

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		
Number of backups to store	Password on Network Directory	1 ~		

Directory di backup con un solo backup disponibile (16 file), come mostrato nell'immagine:

root@CM-SF	[P:/	/home/o	cisco/N	JCM/Backups	11			
total 2232	628							
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-SF	[P:/	/home/o	cisco/	JCM/Backups	1			

### CUCM inizia a trasferire i file di backup prima di eliminare il vecchio backup (raggiunge i 32 file):

Backup · Restore	Help     ▼																		
Backup Status						🧬 root@CM	I-SFTP: /	home/cisco/l	JCM/Backups								-		×
Status Backup opera	Cancel ation in progress for	server [D3-SB-11PUB], please wai				root@CM-SF total 2430 drwxr-xr-x drwxr-xr-x -rw-rw-r -rw-rw-r -rw-rw-r -rw-rw-r	TP:/h 840 71 c 1 c 1 c 1 c 1 c	ome/cisco isco cisc isco cisc isco cisc isco cisc isco cisc isco cisc isco cisc	/UCM/Backups 0 20480 0 12288 0 23796 0 10272 0 3123405 0 38021152	<pre># 11 Dec 25 Dec 21 Dec 24 Dec 24 Dec 24 Dec 24 Dec 24</pre>	11:35 13:33 13:48 13:48 13:48 13:48	./ 2018-12 2018-12 2018-12 2018-12 2018-12	-24-13-2 -24-13-2 -24-13-2 -24-13-2	1-17_D3 1-17_D3 1-17_D3 1-17_D3	-SB-11P -SB-11P -SB-11P -SB-11P	UB_drfC UB_UCM_I UB_UCM_I UB_UCM_I	omponent ANN.tar BAT.tar CCMDB.ta	xml	Ŷ
Tar Filename: Backup Device: Operation: Percentage Corr	nplete:	2018-12-25-11-12-03.tar NETWORK BACKUP 46%			,	-IW-IW-I -IW-IW-I -IW-IW-I -IW-IW-I -IW-IW-I -IW-IW-I -IW-IW-I	- 1 c - 1 c - 1 c - 1 c - 1 c - 1 c - 1 c	isco cisc isco cisc isco cisc isco cisc isco cisc isco cisc isco cisc isco cisc	<ul> <li>13015072</li> <li>20538</li> <li>10360</li> <li>10335</li> <li>20512</li> <li>10272</li> <li>27904032</li> <li>1597472</li> </ul>	Dec 24 Dec 24 Dec 24 Dec 24 Dec 24 Dec 24 Dec 24 Dec 24 Dec 24	13:44 13:48 13:48 13:44 13:48 13:48 13:48 13:48 13:48	2018-12: 2018-12: 2018-12: 2018-12: 2018-12: 2018-12: 2018-12: 2018-12: 2018-12:	-24-13-2 -24-13-2 -24-13-2 -24-13-2 -24-13-2 -24-13-2 -24-13-2 -24-13-2	1-17_D3 1-17_D3 1-17_D3 1-17_D3 1-17_D3 1-17_D3 1-17_D3 1-17_D3 1-17_D3 1-17_D3 1-17_D3	-SB-119 -SB-119 -SB-119 -SB-119 -SB-119 -SB-119 -SB-119 -SB-119	UB_UCM_ UB_UCM_ UB_UCM_ UB_UCM_ UB_UCM_ UB_UCM_ UB_UCM_ UB_UCM_	CCMPREFS CDPAGT.t CEF.tar CLM.tar DNALIASI DNALIASS 40H.tar PLATFORM	.tar .ar .OOKUP. SYNC.ta 4.tar	te r r
Feature	Server	Component	Status	Result **		-rw-rw-r		isco cisc		Dec 24				1-17_D3		บв_บсм_			
UCM UCM UCM UCM UCM UCM UCM UCM UCM UCM	D3-58-11PUB D3-58-11PUB D3-58-11PUB D3-58-11PUB D3-58-11PUB D3-58-11PUB D3-58-11PUB D3-58-11PUB D3-58-11PUB D3-58-11PUB D3-58-11PUB D3-58-11PUB	CUPAGI SYSLOGAGT PLATFORM CLM CCMDB TGT CCMPREFS TFTP MOH ANN BAT CEF REPORTER DNALIASLOOKUP DNALIASSYNC	100 100 100 100 100 0 0 0 0 0 0 0 0 0 0	SUCCESS SUCCESS SUCCESS SUCCESS SUCCESS SUCCESS Active      	Tue Dec 2           Tue Dec 3           Tue Dec 4           Tue Dec 5           Tue Dec 6           Tue Dec 7           Tue Dec 7           Tue Dec 8           Tue Dec 9           Tue 10           Tue 10           Tue 10           Tue 10           Tue 10           Tue 10           Tue 10     <	-IW-IW-I -IW-IW-I -IW-IW-I -IW-IW-I -IW-IW-I -IW-IW-I -IW-IW-I -IW-IW-I -IW-IW-I IO010(M-SF IO010(M-SF IO010(M-SF IO010(M-SF IO010(M-SF IO010(M-SF	l c l c l c l c l c l c l c l c l c l c	isco cisc isco cisc isco cisc isco cisc isco cisc isco cisc isco cisc isco cisc ome/cisco ome/cisco ome/cisco ome/cisco	<pre>b 10360 b 220235616 c 42424352 b 13015072 b 20538 c 13315072 b 10335 c 1597472 c 102598 b 10366 b 145833984 c 10366 b 145833984 c 1024/Backups /UCM/Backups /UCM/Backups /UCM/Backups</pre>	Dec 24 Dec 24 Dec 25 Dec 25 Dec 25 Dec 25 Dec 25 Dec 25 Dec 25 Dec 25 Dec 25 Dec 25	13:44 13:48 11:35 11:35 11:34 11:34 11:34 11:34 11:34 11:35 11:35	2018-12: 2018-12: 2018-12: 2018-12: 2018-12: 2018-12: 2018-12: 2018-12: 2018-12: 2018-12: 2018-12:	224-13-2 -24-13-2 -25-11-1 -25-11-1 -25-11-1 -25-11-1 -25-11-1 -25-11-1 -25-11-1 -25-11-1	1 - 17_03 1 - 17_03 2 - 03_03 2 - 03_03	-SB-11P -SB-11P -SB-11P -SB-11P -SB-11P -SB-11P -SB-11P -SB-11P -SB-11P -SB-11P		IFFORM IFTP.tar IFTP.tar CCMDB.tc CCMPREFS CDDM.tar PLATFORM SYSLOGAG TCT.tar IFTP.tar	r .tar ar f.tar T.tar	
Refresh	same to view the log	5Ia		Cancel I	Backup														~

Una volta completato il backup, DRS elimina il backup precedente per renderlo conforme al numero di backup da archiviare nella directory di rete (16 file):

Backup - Restore	• ▼ Help ▼									
Backup Status						Proot@CM-S	SFTP: /home/cisco/UC	CM/Backups	-	
Refresh -Status SUCCESS: E Backup details Tar Filename: Backup Device: Operation:	Cancel	2018-12-25-11-12-03.tar NETWORK ВАСКИР					<pre>P:/home/cisco/t &gt;56 2 cisco cisco 71 cisco cisco 1 cisco cisco</pre>	UCM/Backupsf 11 20490 Pec 25 11:39 .// 12280 Pec 25 11:39 .// 23791 Pec 25 11:39 2018-12-25-11-12-03 D3-58-1 10272 Pec 25 11:39 2018-12-25-11-12-03 D3-58-1 3123405 Pec 25 11:39 2018-12-25-11-12-03 D3-58-1 13015072 Pec 25 11:35 2018-12-25-11-12-03 D3-58-1 13015072 Pec 25 11:35 2018-12-25-11-12-03 D3-58-1 10306 Pec 25 11:34 2018-12-25-11-12-03 D3-58-1 10306 Pec 25 11:34 2018-12-25-11-12-03 D3-58-1 10306 Pec 25 11:34 2018-12-25-11-12-03 D3-58-1 10307 Pec 25 11:34 2018-12-25-11-12-03 D3-58-1 10318 Pec 25 11:34 2018-12-25-11-12-03 D3-58-1 10329 Pec 25 11:34 2018-12-25-11-12-03 D3-58-1 10272 Pec 25 11:34 2018-12-25-11-12-03 D3-58-1	1908_drfCceponent. 1908_UCM_ANN.tar 1908_UCM_COMB.tar 1908_UCM_COMBRETS. 1908_UCM_CORFERS. 1908_UCM_CORF.Tar 1908_UCM_CORF.Tar 1908_UCM_CORF.Tar 1908_UCM_CORF.Tar 1908_UCM_CORF.Tar	xml tar ir XXRUP.tar (NC.tar
Percentage Cor	mplete:	100%				-rw-rw-r -rw-rw-r	l cisco cisco l cisco cisco	27904032 Dec 25 11:39 2018-12-25-11-12-03_D3-SB-1 1597472 Dec 25 11:34 2018-12-25-11-12-03_D3-SB-1	1PUB_UCM_MOH.tar 1PUB_UCM_PLATFORM.	
Feature	Server	Component	Status	Result **		-rw-rw-r	l cisco cisco	20577 Dec 25 11:39 2018-12-25-11-12-03_D3-SB-1	1 PUB_UCM_REPORTER.	tar
UCM	D3-58-11PUB	SYSLOGAGT	100	SUCCESS	Tue Dec 25 1	-rw-rw-r	l cisco cisco	10360 Dec 25 11:35 2018-12-25-11-12-03_D3-SB-1	1PUB_UCM_TCT.tar	
UCM	D3-SB-11PUB	PLATFORM	100	SUCCESS	Tue Dec 25 1	-rw-rw-r	l cisco cisco	2202353616 Dec 25 11:39 2018-12-25-11-12-03 D3-SB-1	1PUB UCM TFTP.tar	
UCM	D3-SB-11PUB	CLM	100	SUCCESS	Tue Dec 25 1	root@CM-SFT	IP:/home/cisco/U	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	CCMPREES	100	SUCCESS	Tue Dec 25 1	1				
UCM	D3-SB-11PUB	TETP	100	SUCCESS	Tue Dec 25 1	1				
UCM	D3-SB-11PUB	MOH	100	SUCCESS	Tue Dec 25 1	1				
UCM	D3-SB-11PUB	ANN	100	SUCCESS	Tue Dec 25 1	1				
UCM	D3-SB-11PUB	BAT	100	SUCCESS	Tue Dec 25 1	1				
UCM	D3-SB-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				Ca	ncel Backup					
* Click on the file	name to view the los	- File								

#### Analisi del log per il nuovo backup creato e il vecchio backup eliminato

### ++++++++++ Viene visualizzato il messaggio all'avvio di un backup manuale: INIZIA MANUALE ++++++++++

```
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 ========
```

#### 

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 [TarworkerInread] - driutiis.sitplsFiles-: 2018-12-24-13-21-1/_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_D3-

SB-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

### +++++++++++ dimensioni elenco: 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\*

#### 

#### L'elenco ora ha solo 1 backup

#### 

2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 18 files found at the	5
given path	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	)3-
SB-11PUB_UCM_REPORTER.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	)3-
SB-11PUB_UCM_CLM.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	23-
SB-11PUB_UCM_MOH.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	)3-
SB-11PUB_UCM_BAT.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	)3-
SB-11PUB_UCM_CEF.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	23-
SB-11PUB_UCM_CCMPREFS.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	)3-
SB-11PUB_UCM_TCT.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	)3-
SB-11PUB_UCM_PLATFORM.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	)3-
SB-11PUB_UCM_CDPAGT.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	23-
SB-11PUB_UCM_ANN.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	)3-
SB-11PUB_UCM_SYSLOGAGT.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	23-
SB-11PUB_UCM_TFTP.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	)3-
SB-11PUB_UCM_CCMDB.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	23-
SB-11PUB_UCM_DNALIASSYNC.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	23-
SB-11PUB_UCM_DNALIASLOOKUP.tar	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03_I	23-
SB-11PUB_drfComponent.xml	
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: Found 16 matching the	5
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 ===

# Verifica

Per verificare che il backup sia riuscito, è necessario visualizzare il messaggio di stato **SUCCESS: Backup completato** come mostrato nell'immagine:

Backup - Restore										
Backup Status						@ root@CM-SFTP: /home/cisco/UCM/Backups — C				
Refresh	Cancel				-	rost@CM-STFP:/home/cisco/UCM/Backups#11 total 2236956 dtwmr-xr-x 2 cisco cisco 20480 Dec 251139 ./ dtwmr-xr-x 7 cisco cisco 12280 Dec 2113:33/				
Status SUCCESS: B	Jackup Completed					rw-rw-r 1 cisco cisco 33791 Dec 25 11:39 2018-12-25-11-12-03 D3-38-11970 drfCompone -rw-rw-r 1 cisco cisco 10272 Dec 25 11:39 2018-12-25-11-12-03 D3-38-11970 5004 ANN te -rw-rw-rw-r- 1 cisco cisco 3123405 Dec 25 11:39 2018-12-25-11-12-03 D3-38-11970 5004 BAT. to -rw-rw-rw-r 1 cisco cisco 4242432 Dec 25 11:35 2018-12-25-11-12-03 D3-38-11970 5004 COMMS	ent.xml er er .tar			
- Backup details Tar Filename: Backup Device: Operation: Percentage Con	nplete:	2018-12-25-11-12-03.tar NETWORK BACKUP 100%					FS.tar I.tar ir ASLOOKUP.1 ASSYNC.tai ar ORM.tar			
Feature	Server	Component	Status	Result **		-rw-rw-r 1 cisco cisco 20577 Dec 25 11:39 2018-12-25-11-12-03_D3-SB-11FUB_UCM_REPORT	ER.tar			
UCM UCM UCM UCM UCM UCM UCM UCM UCM UCM	03-58-11PUB 03-58-11PUB 03-58-11PUB 03-58-11PUB 03-58-11PUB 03-58-11PUB 03-58-11PUB 03-58-11PUB 03-58-11PUB 03-58-11PUB 03-58-11PUB 03-58-11PUB 03-58-11PUB	COPAGT SYSLOGAGT PLATFORM CLM CCMDB TCT CCMPREFS TTFP MOH ANN BAT CEF REPORTER DNALLASSYNC	100 100 100 100 100 100 100 100 100 100	SUCCESS           SUCCESS	Tue Dec 25 1 Tue Dec 25 1	51-TW-TW-T- 1 cisso cisco 10296 Dec 25 11:33 2018-12-25-11-12-0_33-58-11400 DCH 7G-res 51-TW-TW-T- 1 cisso cisco 200355616 Dec 25 11:35 2018-12-25-11-12-03 D3-58-11400 DCH TFTP: 51-TW-TW-T- 1 cisco/UCH/Backupsf 51-TW-TW-T- 1 cisco/UCH/Backupsf 51-TW-TW-T- 1 cisco/UCH/Backupsf 51-TW-TW-TH - 1 cisco/UCH/Backupsf	akoi.tar ir iar			
Refresh				Can	cel Backup					

## Risoluzione dei problemi

Per risolvere i problemi relativi ai backup in CUCM, è necessario:

- Registri locali DRF
- Registri master DRF

In RTMT, selezionare **Trace and Log Central > Collect Files > Cisco DRF Local & Cisco DRF Master** per tutti i server, come mostrato nell'immagine:

System	Trace & Log Central				
System Summary System Summary Ver CPU and Memory Process Disk Usage Critical Services formance Performance Log Viewer Alert Central Trace & Log Central SysLog Viewer VLT AuditLog Viewer	<ul> <li>Trace &amp; Log Central</li> <li>Trace &amp; Log Central</li> <li>Remote Browse</li> <li>Collect Files</li> <li>Schedule Collection</li> <li>Local Browse</li> <li>Real Time Trace</li> <li>Collect Crash Dum</li> <li>Collect Install Logs</li> <li>Audit Logs</li> </ul>	Collect Downi Comp Downi Downi Downi Downi Downi Downi Downi Downi Downi Comp	t Files in progress for node d3-sb-11pub	all Services on all Servers	calation of CLICM Packson (9) Treedor

Per ulteriori informazioni, vedere Come raccogliere le tracce per CUCM 9.x o versioni successive.

Si consiglia l'accesso all'SFTP remoto.