

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

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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

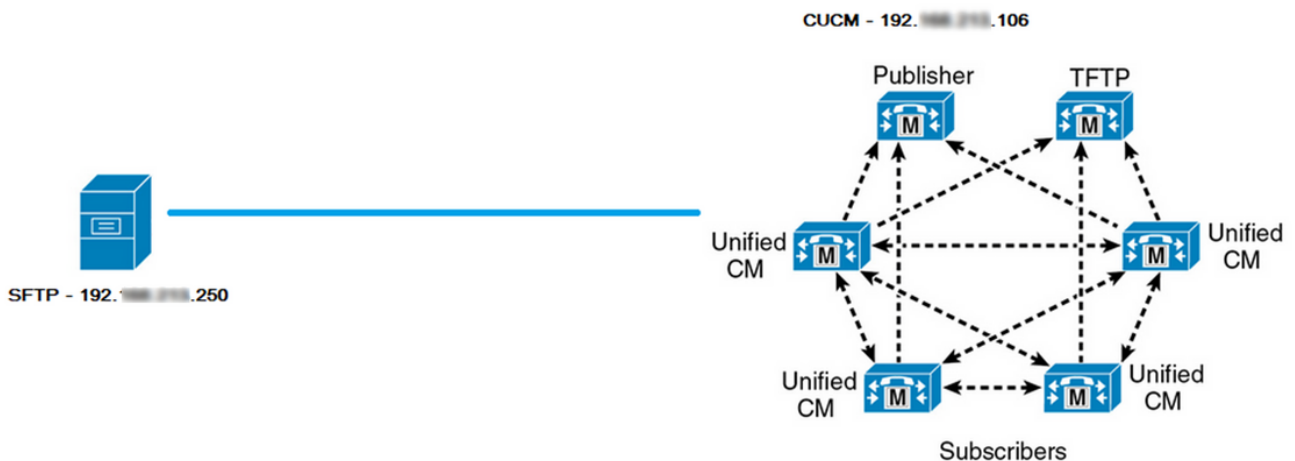
Le informazioni discusse in questo documento fanno riferimento a dispositivi usati in uno specifico

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:

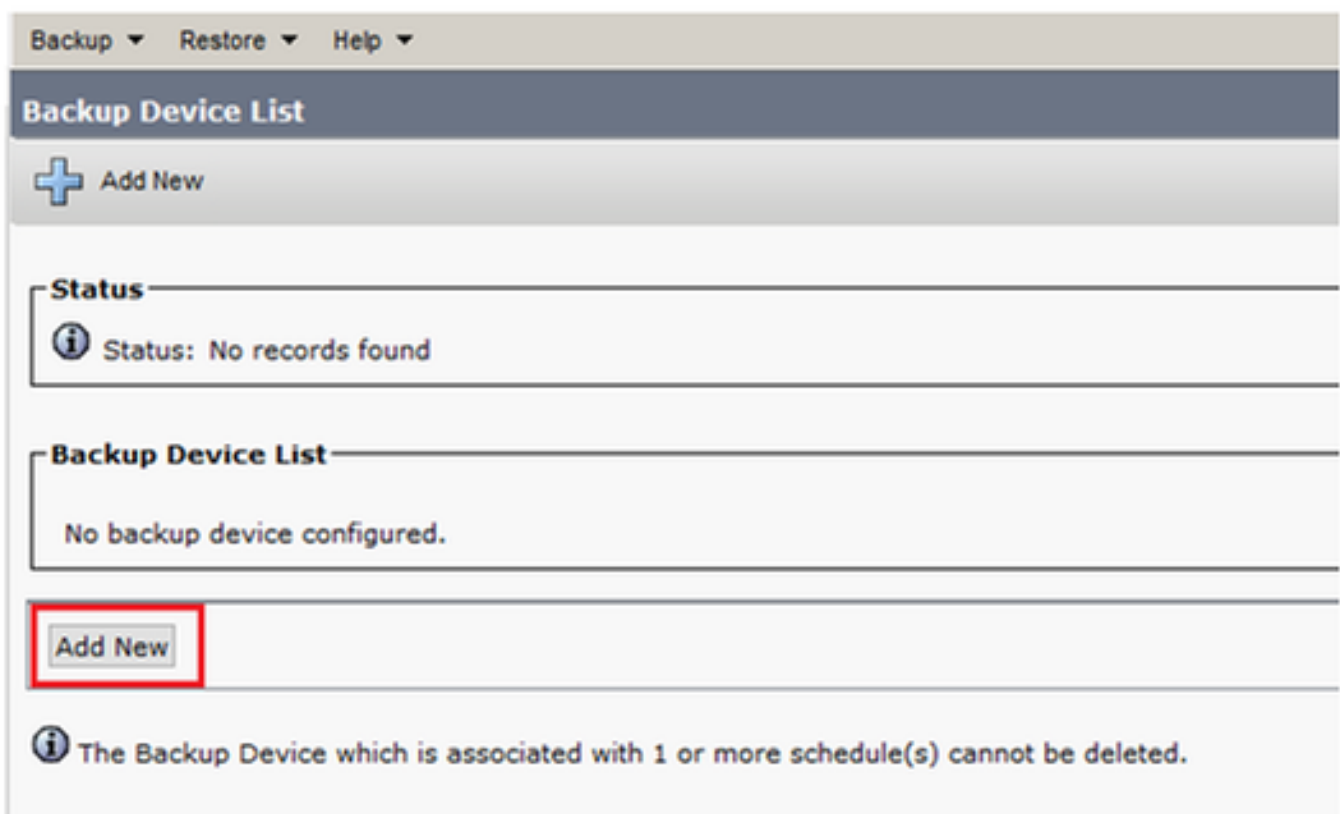
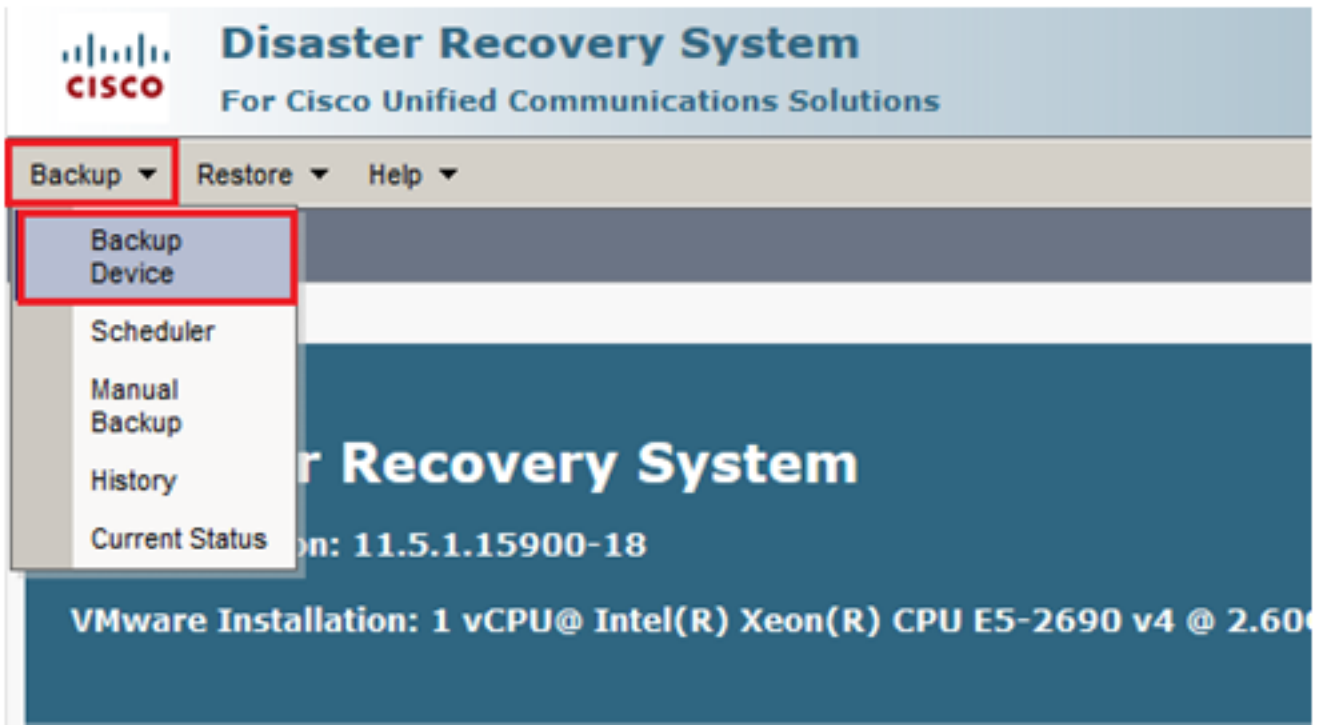


Configurazione

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:





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

Status:Ready

Backup device name

Backup device name*


Select Destination*

Network Directory


Host name/IP address	<input type="text" value="192.168.1.250"/>
Path name	<input type="text" value="/UCM/Backups/"/>
User name	<input type="text" value="cisco"/>
Password	<input type="password" value="*****"/>
Number of backups to store on Network Directory	<input type="text" value="1"/> ▾

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

Backup Device

Save  Back

Status

 Update successful


Backup device name

Backup device name*

Select Destination*

Network Directory

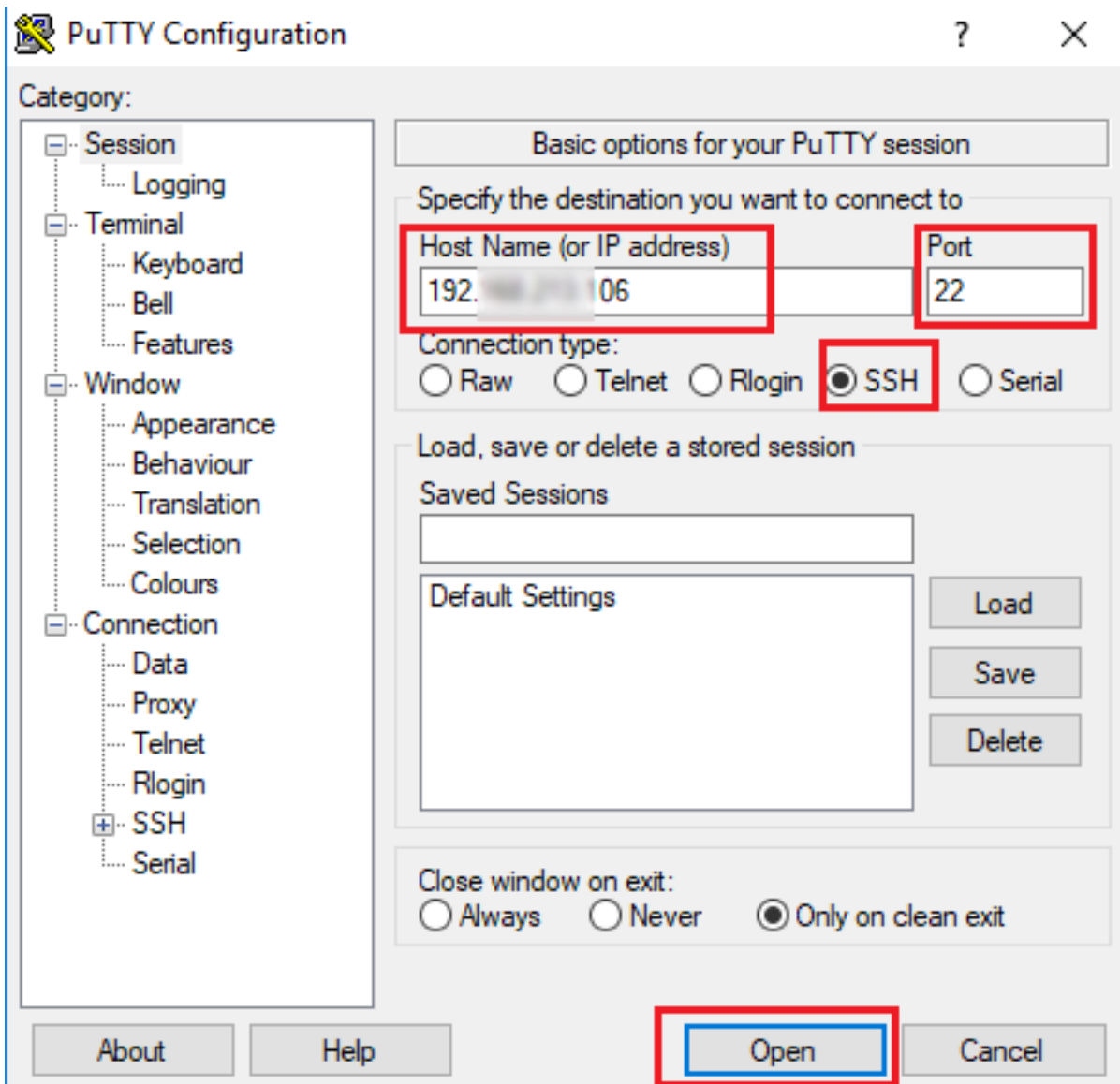
Host name/IP address	<input type="text" value="192.168.1.250"/>
Path name	<input type="text" value="/UCM/Backups/"/>
User name	<input type="text" value="cisco"/>
Password	<input type="password" value="*****"/>

Number of backups to store on Network Directory 

Save

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:



192.168.1.106 - PuTTY

```
login as: admin
admin@192.168.1.106'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
```

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:

```

admin:utils disaster_recovery device add network TAC-Backup /UCM/Backups/ 192.168.1.250 cisco 1
Please enter password to connect to network server 192.168.1.250:*****
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

```

+++++
Richiesta UpdateDestination inviata per aggiungere una nuova destinazione 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       : 8f5fcb108a798014abff9ab4fc006f2a83027d6c858f0ac9b2720a32ba1b8d3c
storagelocationname : TAC-Backup
username       : cisco
version        : 1.0.0
schedules      : []
===== END msgSubUpdateDestination_REQ =====

```

```

+++++
CUCM tenta di connettersi al server SFTP
+++++

```

```

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...

```

```

+++++
Autenticazione completata
+++++

```

```

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

++++
Trasferimento file completato

++++

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

++++
CUCM chiude ChannelSftp...

++++

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...

++++
CUCM tenta di connettersi al server SFTP

++++

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...

++++
Autenticazione completata

++++

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

++++
++++
CUCM elimina i file /UCM/Backups/d3-sb-11pub_dUmmI_Drf dal server: 192.X.X.250
Questa operazione viene eseguita per verificare se CUCM dispone di privilegi di lettura/scrittura.
++++
++++

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

++++
Eliminazione completata
++++

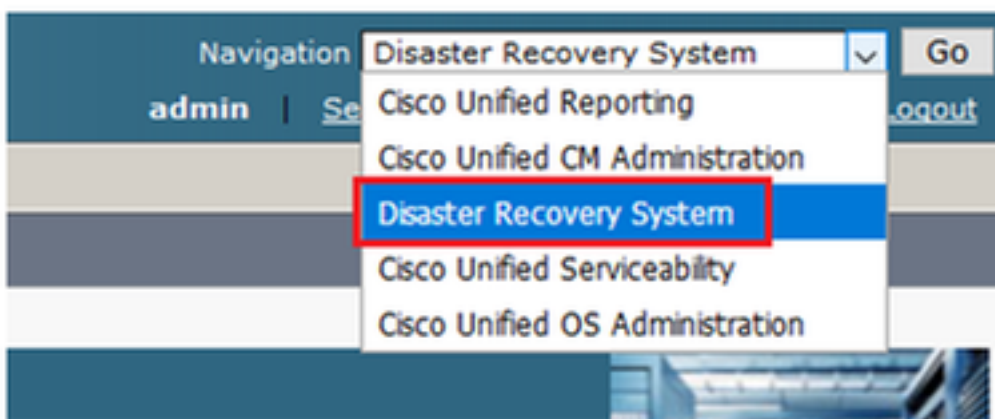
2018-12-24 11:39:24,277 INFO [NetMessageDispatch] - drfutils.sftpDeleteFiles: Successfully deleted /UCM/Backups/d3-sb-11pub_dUmmI_Drf on the Server 192.X.X.250

++++
CUCM chiude ChannelSftp...
++++

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...

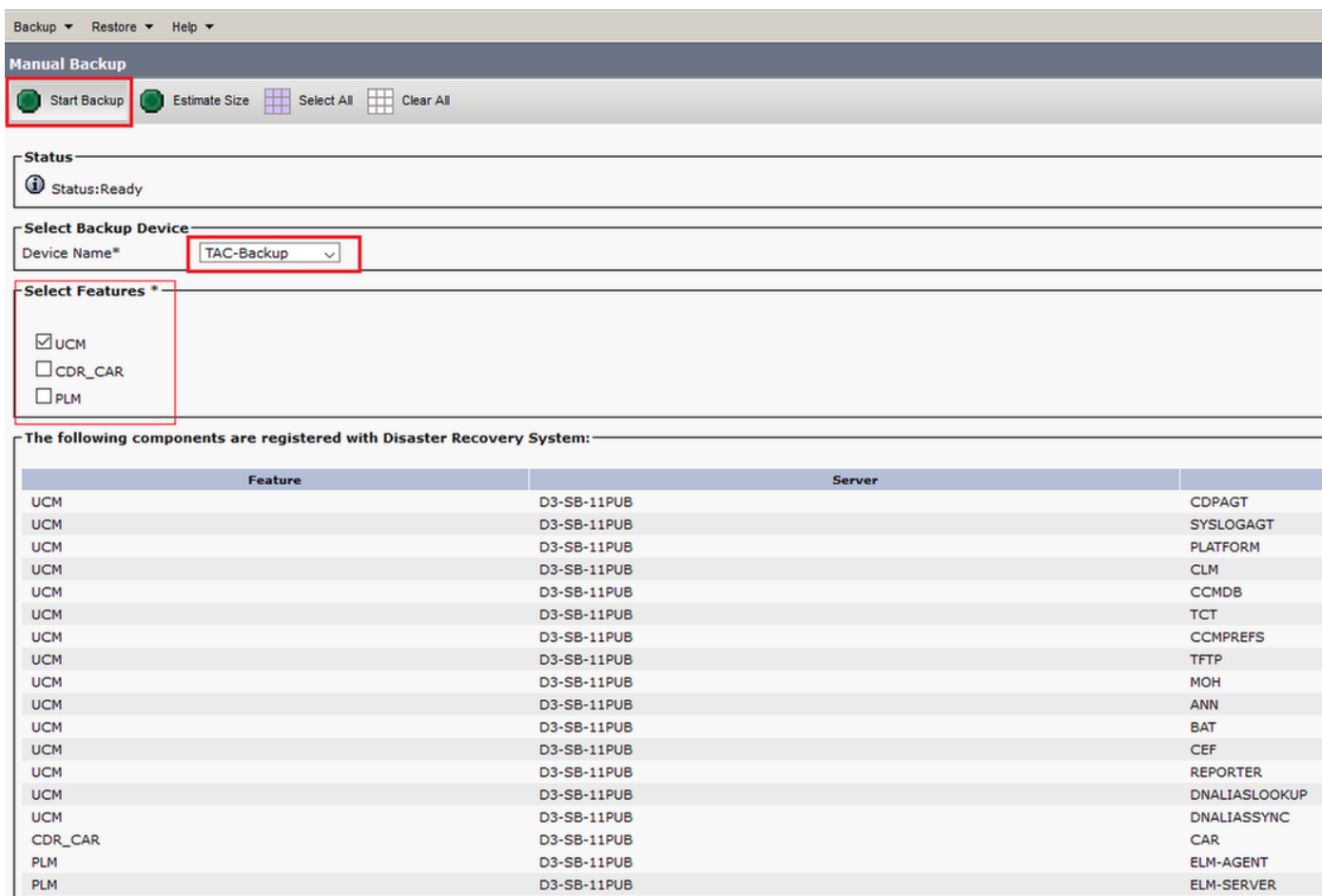
Avvio di un backup manuale mediante la procedura GUI

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





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:



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

Backup Status

Refresh Cancel

Status

Backup operation in progress for server [D3-SB-11PUB], please wait...

Backup details

Tar Filename: 2018-12-24-13-04-38.tar
 Backup Device: NETWORK
 Operation: BACKUP
 Percentage Complete: 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_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	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 Backup

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

Backup Status

Refresh Cancel

Status

SUCCESS: Backup Completed...

Backup details

Tar Filename: 2018-12-24-13-04-38.tar
 Backup Device: NETWORK
 Operation: BACKUP
 Percentage Complete: 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_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

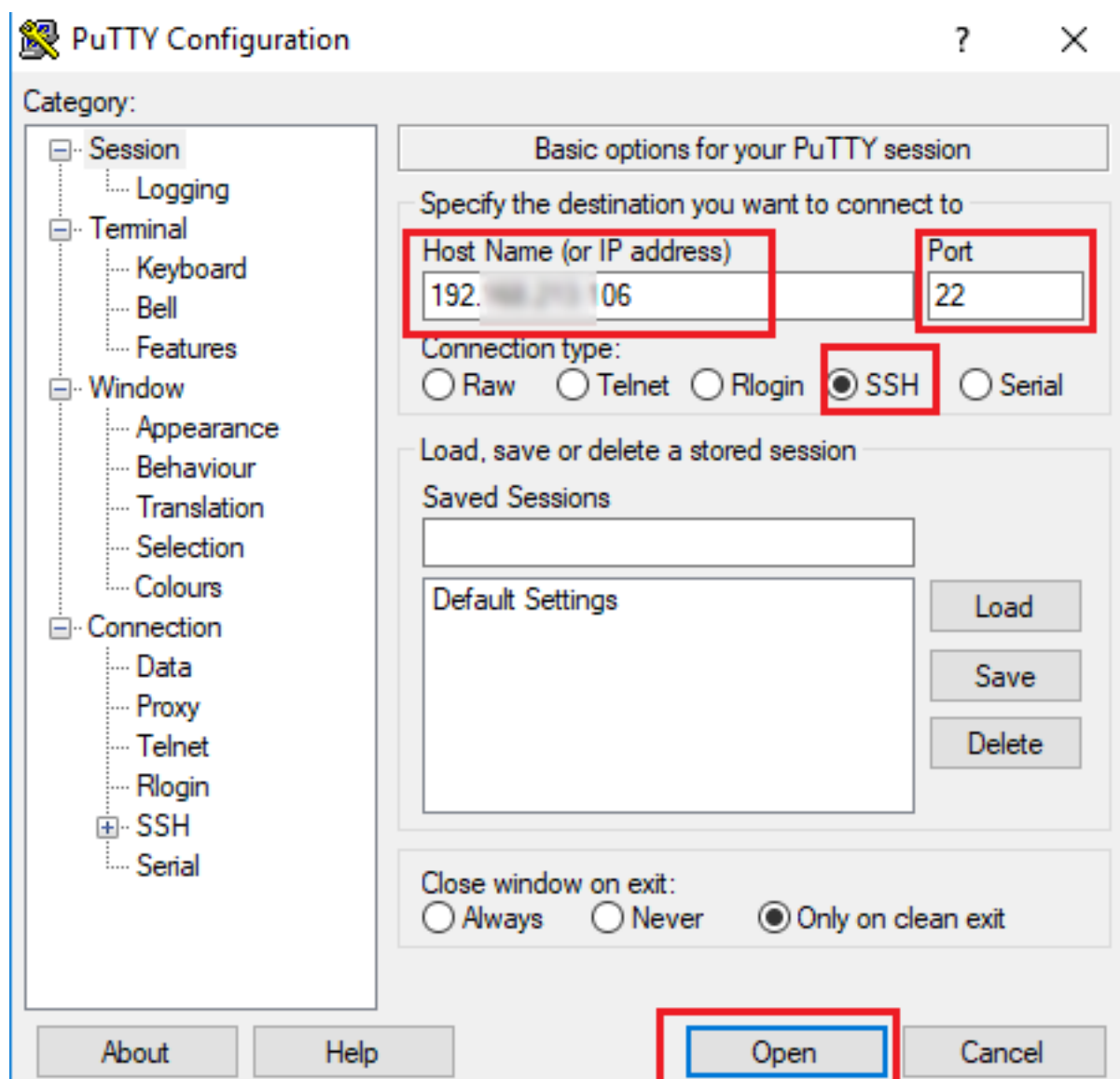
Refresh Cancel Backup

- 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-SFTP:/home/cisco/UCM/Backups# ll
total 2232628
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_DNALIASSLOOKUP.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-SFTP:/home/cisco/UCM/Backups#
```

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:



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:

```
192.168.1.106 - PuTTY
admin:utils disaster_recovery backup network UCM 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:

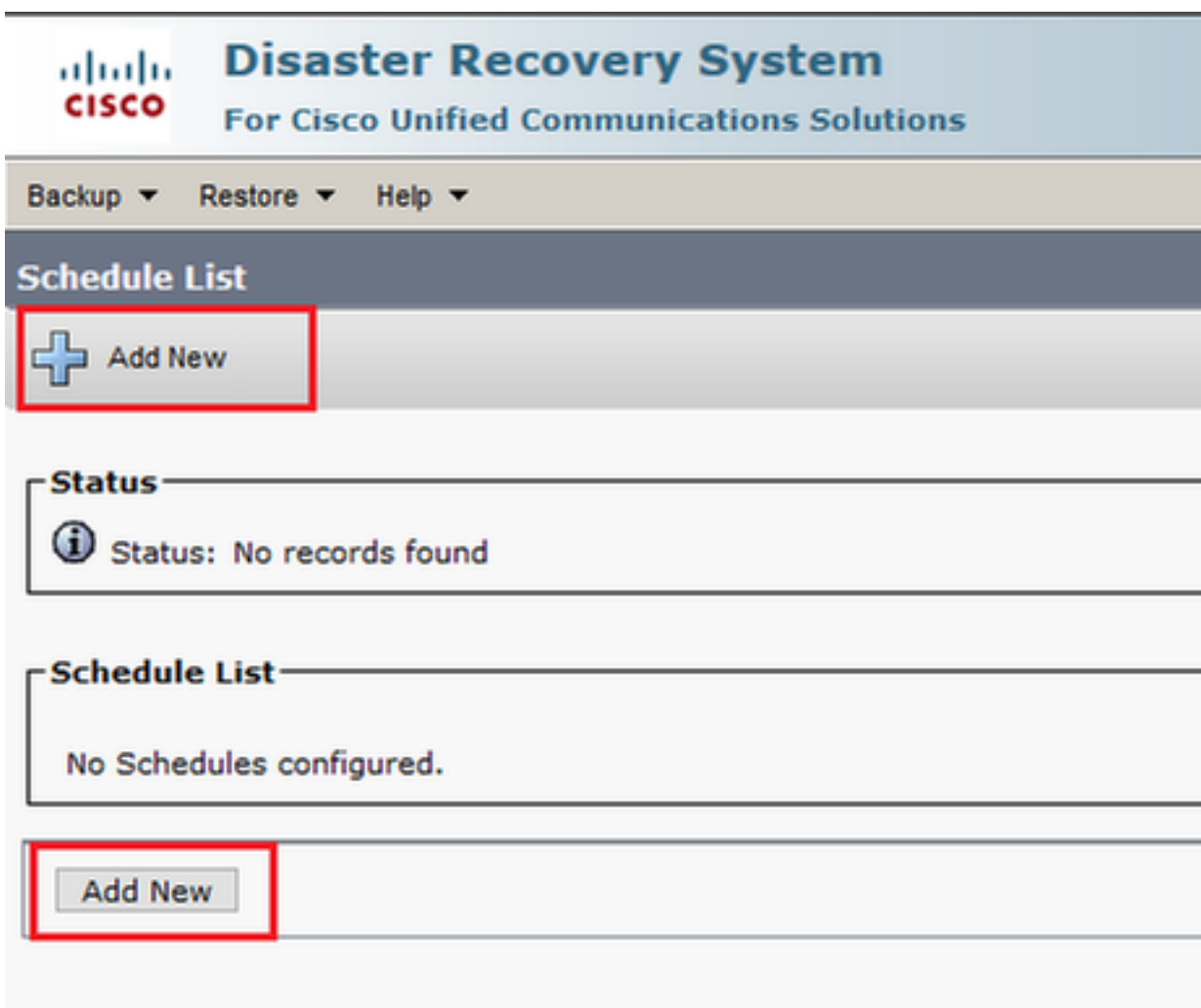
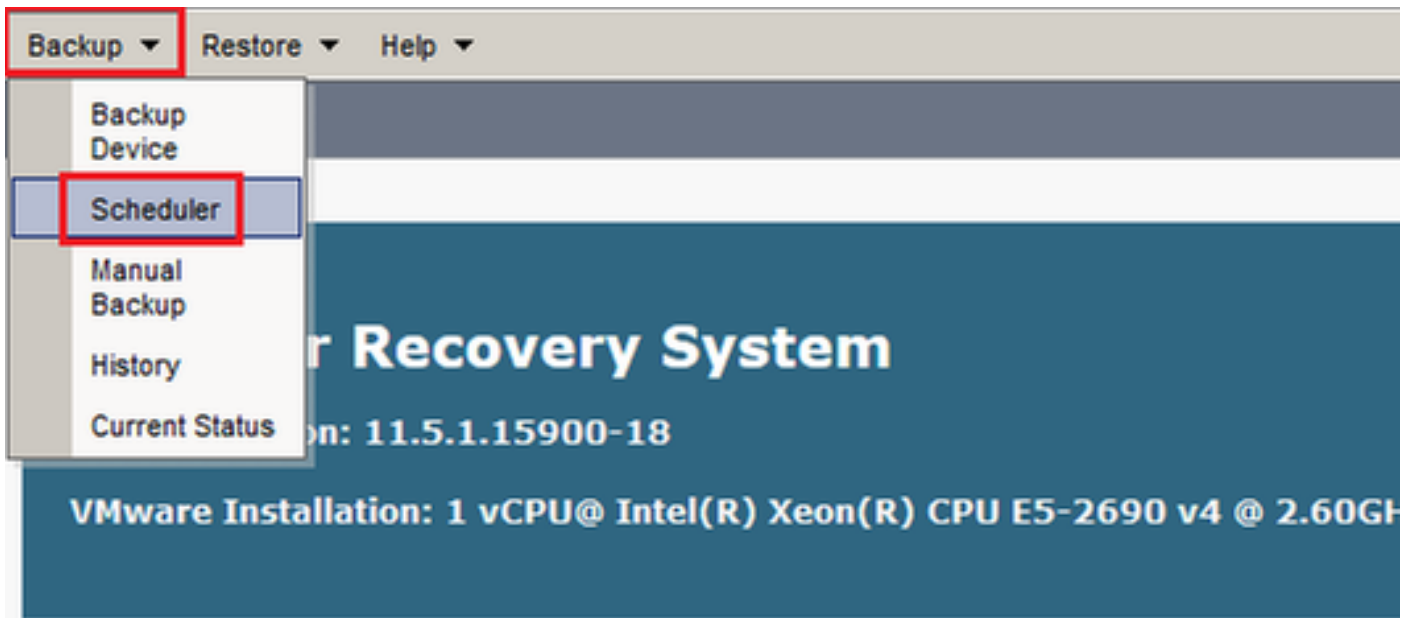
```
192.168.1.106 - PuTTY
admin:utils disaster_recovery status backup
Status: Backup operation in progress for server [D3-SB-11PUB], please wait...
Tar Filename: 2018-12-24-13-21-17.tar
Storage Location: NETWORK
Operation: backup
Percentage Complete: 46
UCM D3-SB-11PUB CDPAGT SUCCESS Mon Dec 24 13:21:17 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_cdpagt.log
UCM D3-SB-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 CCMPPREFS 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:

```
192.168.1.106 - PuTTY
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-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 CCMPPREFS 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 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-11PUB 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-11PUB REPORTER SUCCESS Mon Dec 24 13:25:30 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_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:
```

Abilita backup pianificato tramite procedura GUI

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



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
 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

Select Backup Device
 Device Name* TAC-Backup

Select Features *

UCM CDR_CAR PLM

The following components are registered with Disaster Recovery System:

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

Start Backup at *

Date 2018 Dec 30 Time 00 Hour 00 Minute

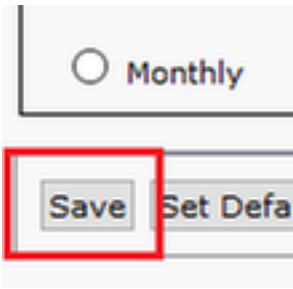
Frequency *

Once
 Daily
 Weekly

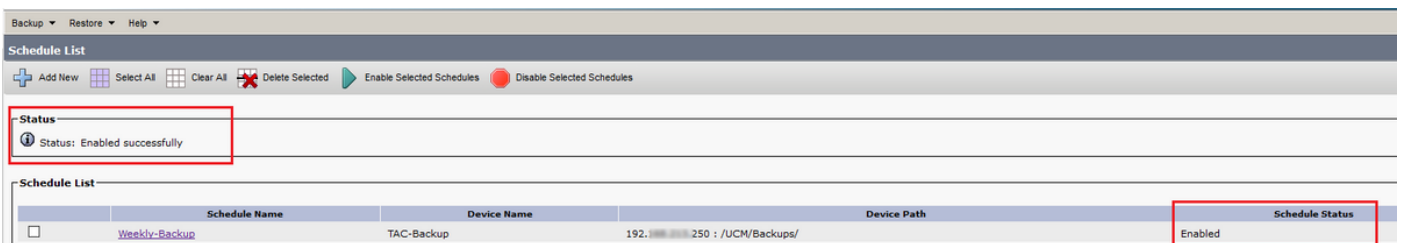
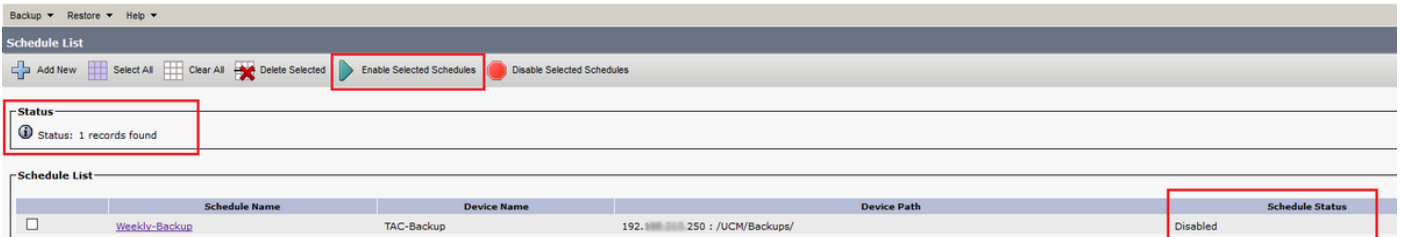
Monday Tuesday Wednesday Thursday
 Friday Saturday Sunday

Monthly

Passaggio 6. Salvataggio

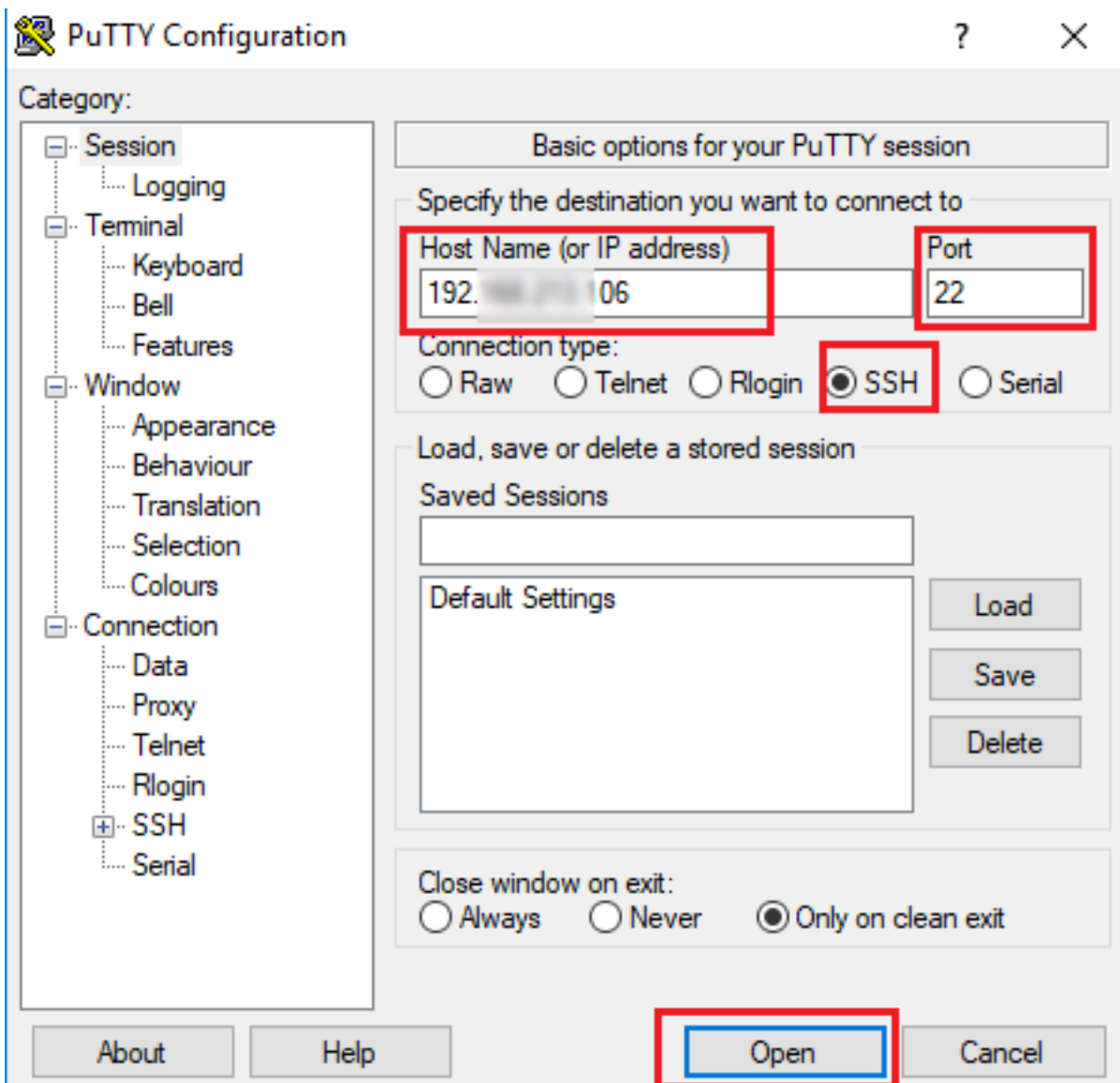


Passaggio 7. Abilitare il backup pianificato:



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:



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:

```
192.168.1.106 - PuTTY
login as: admin
admin@192.168.1.106'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:

```
admin:utils disaster_recovery schedule enable Weekly-Backup  
Schedule Enabled Successfully  
admin:
```

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
Password	*****

Number of backups to store on Network Directory 1

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

```

root@CM-SFTP:/home/cisco/UCM/Backups# ll
total 2232628
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     23796 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_DNALIASSLOOKUP.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-SFTP:/home/cisco/UCM/Backups#

```

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

The screenshot shows a backup status window on the left and a terminal window on the right. The terminal shows a list of files being transferred, with the total size reaching 2430840. The backup status window shows the progress at 46% completion.

Feature	Server	Component	Status	Result **
UCM	D3-SB-11PUB	CDPAGT	100	SUCCESS
UCM	D3-SB-11PUB	SYSLOGAGT	100	SUCCESS
UCM	D3-SB-11PUB	PLATFORM	100	SUCCESS
UCM	D3-SB-11PUB	CLM	100	SUCCESS
UCM	D3-SB-11PUB	CCMDB	100	SUCCESS
UCM	D3-SB-11PUB	TCT	100	SUCCESS
UCM	D3-SB-11PUB	CCMPREFS	100	SUCCESS
UCM	D3-SB-11PUB	TFTP	0	Active
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	DNALIASSLOOKUP	0	---
UCM	D3-SB-11PUB	DNALIASSYNC	0	---

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):

The screenshot shows the backup status window on the left and the terminal window on the right. The backup is now completed (100%), and the terminal shows that only 16 files remain in the backup directory, indicating that older backups have been removed.

Feature	Server	Component	Status	Result **
UCM	D3-SB-11PUB	CDPAGT	100	SUCCESS
UCM	D3-SB-11PUB	SYSLOGAGT	100	SUCCESS
UCM	D3-SB-11PUB	PLATFORM	100	SUCCESS
UCM	D3-SB-11PUB	CLM	100	SUCCESS
UCM	D3-SB-11PUB	CCMDB	100	SUCCESS
UCM	D3-SB-11PUB	TCT	100	SUCCESS
UCM	D3-SB-11PUB	CCMPREFS	100	SUCCESS
UCM	D3-SB-11PUB	TFTP	100	SUCCESS
UCM	D3-SB-11PUB	MOH	100	SUCCESS
UCM	D3-SB-11PUB	ANN	100	SUCCESS
UCM	D3-SB-11PUB	BAT	100	SUCCESS
UCM	D3-SB-11PUB	CEF	100	SUCCESS
UCM	D3-SB-11PUB	REPORTER	100	SUCCESS
UCM	D3-SB-11PUB	DNALIASSLOOKUP	100	SUCCESS
UCM	D3-SB-11PUB	DNALIASSYNC	100	SUCCESS

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 =====
```

+++++

Questo è il dispositivo aggiunto come dispositivo di backup: TAC-Backup

+++++

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

+++++

Accertarsi che SFTP sia accessibile

+++++

```
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 -l
2018-12-25 11:11:59,487 DEBUG [NetMessageDispatch] - drfUtils:establishSftpConnection: Trying to
connect to the SFTP server.
```

+++++

CUCM si connette al server SFTP remoto

+++++

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

+++++

Numero di funzionalità selezionate:

Trovate 1 funzionalità selezionate

Nome funzionalità: UCM

+++++

```
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: CDPAGTDDirectBackup set to : yes
2018-12-25 11:11:59,834 DEBUG [NetMessageDispatch] - drfMessageHandler:setComponentBackupType:
Feature Name: UCM. Server Name: D3-SB-11PUB. Component Name: SYSLOGAGTDDirectBackup 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: CCMDBDirectBackup 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 :
yes
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

++++
33 file trovati nel percorso specificato
++++

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_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_DNALIASSLOOKUP.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_DNALIASSLOOKUP.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

+++++

Questa opzione consente di tenere traccia del numero di backup:
DRS ottiene un elenco degli ID di backup precedenti:

2018-12-24-13-21-17

2018-12-25-11-12-03

+++++

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

+++++
+++++
+++++
+++++

CUCM rimuove: /UCM/Backups/2018-12-24-13-21-17_D3-SB-11PUB*

+++++
+++++
+++++
+++++

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 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_CCMPPREFS.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.

++++
CUCM chiude ChannelSftp...
++++

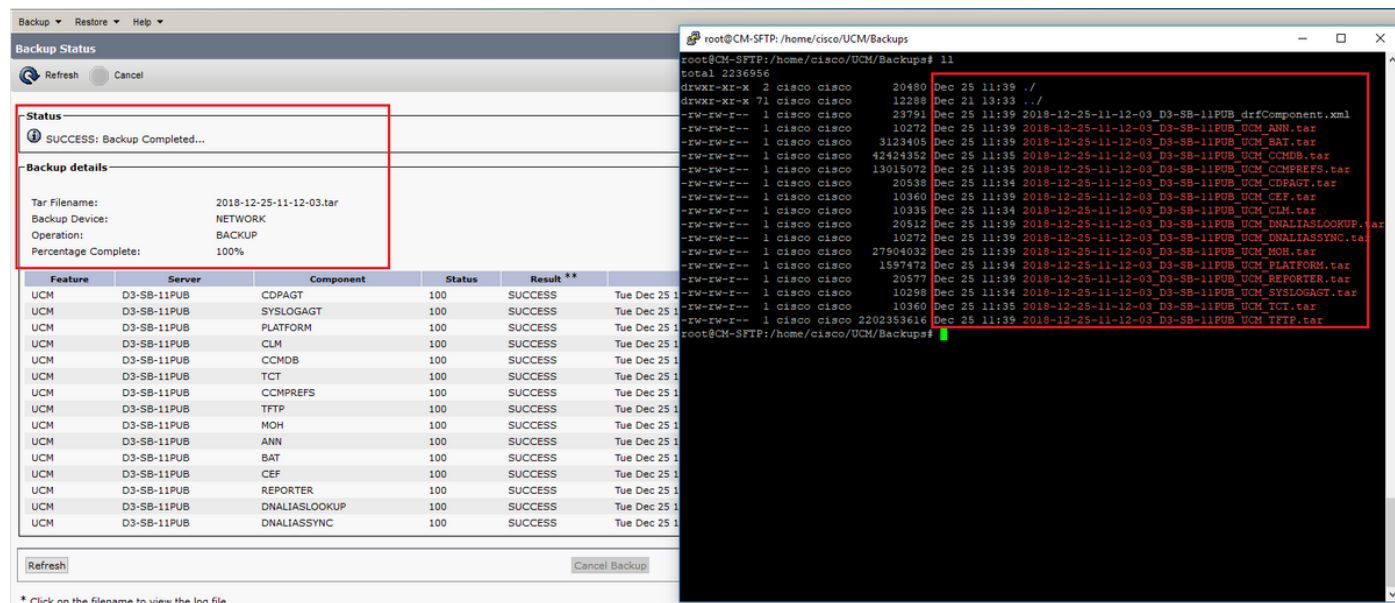
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfUtils:closeSFTPConnections: Closing ChannelSftp...
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfUtils:closeSFTPConnections: Disconnecting Channel...
2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfUtils:closeSFTPConnections: Closing Session...

++++
OPERAZIONE DI BACKUP COMPLETATA
++++

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:



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:

Collect Files in progress for node d3-sb-11pub

Select System Services/Applications

Select all Services on all Servers

Name	All Servers	d3-sb-11pub
Cisco CCMAdmin Web Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco CCMRealm Web Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco CCMService Web Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco CCMUser Web Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco CDP	<input type="checkbox"/>	<input type="checkbox"/>
Cisco CDP Agent	<input type="checkbox"/>	<input type="checkbox"/>
Cisco CallManager Cisco IP Phone Services	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Called Party Tracing	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Certificate Change Notification	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Certificate Change Notification Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Common User Interface	<input type="checkbox"/>	<input type="checkbox"/>
Cisco ControlCenter CLI	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Corefile Recovery Tool	<input type="checkbox"/>	<input type="checkbox"/>
Cisco DRF Local	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cisco DRF Master	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cisco Database Cli Output	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Database Installation Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Database Layer Monitor	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Database Library Trace	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Database Notification Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Database Replicator Trace	<input type="checkbox"/>	<input type="checkbox"/>
Cisco DirSync	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Discovery Responder Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco E911 Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco External Call Control Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco GRT Communication Web Service	<input type="checkbox"/>	<input type="checkbox"/>
Cisco Informix Database Service	<input type="checkbox"/>	<input type="checkbox"/>

< Back Next > Finish Cancel

Per ulteriori informazioni, vedere [Come raccogliere le tracce per CUCM 9.x o versioni successive.](#)

Si consiglia l'accesso all'SFTP remoto.