# Configurar e solucionar problemas de backups do Cisco Unified Communication Manager (CUCM)

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## Introduction

Este documento descreve o procedimento para adicionar um dispositivo de backup ao Cisco Unified Communication Manager (CUCM).

## Prerequisites

### Requirements

A Cisco recomenda que você tenha conhecimento destes tópicos:

- Cisco Unified Communication Manager (CUCM)
- Administração de servidor de Secure File Transfer Protocol (SFTP)

### **Componentes Utilizados**

- Cisco Unified Communications Manager 11.5
- Linux Server

The information in this document was created from the devices in a specific lab environment. All of

the devices used in this document started with a cleared (default) configuration. Se a rede estiver ativa, certifique-se de que você entenda o impacto potencial de qualquer comando.

## Informações de Apoio

O objetivo dos backups disponíveis no ambiente com qualquer software é a recuperação em caso de desastre. Os backups são importantes para evitar a perda de dados quando o software fica corrompido, o hardware falha ou desastres naturais ocorrem.

A topologia de CUCM e SFTP aparece na imagem:



## Configurar

### Adicionar dispositivo de backup via procedimento de GUI

Etapa 1. Navegue para CUCM > Sistema de recuperação de desastres > Backup > Dispositivo de backup e clique em Adicionar novo conforme mostrado nas imagens:



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

| Backup - Restore - Help -   |
|---|
| Backup Device List  |
| Add New   |
| e 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. |

Etapa 2. Adicione um nome de dispositivo de backup, endereço IP, nome do caminho, nome de usuário e senha conforme mostrado nas imagens:

- O endereço IP deve ser o servidor de destino SFTP no qual os backups são armazenados.
- O nome do caminho é o diretório no servidor SFTP no qual os backups são armazenados.
- O nome de usuário e a senha devem existir no servidor SFTP para fins de autenticação.
- O número de backups armazenados no diretório de rede deve ser definido como o número de backups que precisam ser mantidos no diretório SFTP.

Ao concluir, clique em **Save** (Salvar).

| Backup 🔻 Restore 👻 Help 👻   |  |
|---|--|
| Backup Device   |  |
| Save Back   |  |
| Status  |  |
| <li>Status:Ready</li>   |  |
| Backup device name  |  |
| Backup device name*   | TAC-Backup   |
|   |  |
| Select Destination*   |  |
| Select Destination*   |  |
| Select Destination* Network Directory Host name/IP address  | 192 250  |
| Select Destination* Network Directory Host name/IP address Path name  | 192 250<br>/UCM/Backups/                           |
| Select Destination* Network Directory Host name/IP address Path name User name  | 192 250<br>/UCM/Backups/<br>cisco                  |
| Select Destination* Network Directory Host name/IP address Path name User name Password   | 192 250<br>/UCM/Backups/<br>cisco                  |
| Select Destination* Network Directory Host name/IP address Path name User name Password Number of backups to store on Network Directory | 192 250<br>/UCM/Backups/<br>cisco<br>●●●●●●<br>1 ✓ |

Confirme Update successful (Atualização com êxito), conforme mostrado na imagem:

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

## Adicionar dispositivo de backup via procedimento de CLI

Etapa 1. Secure Shell (SSH) no endereço IP do editor do CUCM e autentique com o nome de usuário e senha do sistema operacional (SO), como mostrado nas imagens:

| 🕵 PuTTY Configuration  |   | ?  | ×            |
|--|---|--|--------------|
| Category:  |   |  |              |
| Session     Logging     Logging     Keyboard     Bell     Features     Window     Appearance     Behaviour     Translation     Selection | Basic options for your PuTTY se<br>Specify the destination you want to connect<br>Host Name (or IP address)<br>192. 06<br>Connection type:<br>Raw O Telnet O Rlogin SS<br>Load, save or delete a stored session<br>Saved Sessions | ession<br>ect to<br>Port<br>22<br>H O Se | erial        |
| Colours<br>⊡ · Connection<br>· · · Data<br>· · Proxy<br>· · Telnet<br>· · Rlogin<br>⊡ · SSH<br>· · SSH<br>· · · Serial                   | Close window on exit:   | Load<br>Save<br>Delet                    | d<br>e<br>te |
| About Help   | <ul> <li>Always</li> <li>Never</li> <li>Only on c</li> <li>Open</li> </ul>  | clean exit<br>Canc                       | el           |

### ₽ 192. 106 - PuTTY

| login as: admin<br>admin@192. 106's password:<br>Command Line Interface is starting up, please wait  |
|--|
| Welcome to the Platform Command Line Interface   |
| <pre>VMware Installation:<br/>1 vCPU: Intel(R) Xeon(R) CPU E5-2690 v4 @ 2.60GHz<br/>Disk 1: 80GB, Partitions aligned<br/>6144 Mbytes RAM</pre> |

Etapa 2. Adicione o dispositivo de backup com a sintaxe: utils disaster\_recovery device add network <backup device name> <path> <ip-address of remote server> <username> [número de backups] conforme mostrado na imagem: 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:

No momento do procedimento de adicionar dispositivo de backup, essas etapas ocorrem em CUCM:

- 1. Entrar em contato com o servidor SFTP e autenticar
- 2. Transferir um arquivo de teste para o diretório
- 3. Desconectar do servidor SFTP
- 4. Entrar em contato com o servidor SFTP e autenticar
- 5. Excluir o arquivo de teste no diretório
- Desconectar do servidor SFTP

Note: Se alguma dessas etapas falhar, o CUCM não pode adicionar o dispositivo de backup.

### Análise de registro de adicionar um dispositivo de backup

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

#### 

O CUCM transfere arquivos de: /common/drf/d3-sb-11pub\_dUmmI\_Drf ao servidor: 192.X.X.250 /UCM/Backups/d3-sb-11pub\_dUmmI\_Drf Isso é feito para confirmar se CUCM tem privilégios de leitura/gravação.

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 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...
```

### Iniciar um backup manual via procedimento de GUI

Etapa 1. Navegue até CUCM > Sistema de recuperação de desastres > Backup > Backup manual conforme mostrado nas imagens:



| cisco                      | Disaster Recovery System<br>For Cisco Unified Communications Solutions |     |
|----------------------------|--|-----|
| Backup 🔻                   | Restore - Help -   |     |
| Backup<br>Device<br>Schedu | ler  |     |
| Manual<br>Backup           |  |     |
| History                    | r Recovery System  |     |
| Current                    | Status on: 11.5.1.15900-18   |     |
| VMwar                      | e Installation: 1 vCPU@ Intel(R) Xeon(R) CPU E5                        | 5-2 |

Etapa 2. Selecione o Dispositivo de backup, os recursos de backup e clique em Iniciar. Neste exemplo, somente o recurso UCM é enviado para backup, conforme mostrado na imagem:

| Backup - Restore - Help -                                      |             |               |
|--|-------------|---------------|
| Manual Backup  |             |               |
| Start Backup 💿 Estimate Size 🔛 Select All 🔛 Clear All          |             |               |
|  |             |               |
| Status   |             |               |
| U Status:Ready   |             |               |
| CSelect Backup Device  |             |               |
| Device Name* TAC-Backup  |             |               |
| - Select Features *  |             |               |
| Scient reduites  |             |               |
| Much   |             |               |
|  |             |               |
|  |             |               |
|  |             |               |
| The following components are registered with Disaster Recovery | System:     |               |
|  |             |               |
| Feature  | Server      |               |
| UCM  | D3-SB-11PUB | CDPAGT        |
| UCM  | D3-SB-11PUB | SYSLOGAGT     |
| UCM  | D3-SB-11PUB | PLATFORM      |
| UCM  | D3-SB-11PUB | CLM           |
| UCM  | D3-SB-11PUB | CCMDB         |
| UCM  | D3-SB-11PUB | TCT           |
| UCM  | D3-SB-11PUB | CCMPREFS      |
| UCM  | D3-SB-11PUB | TFTP          |
| 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   |
| CDR_CAR  | D3-SB-11PUB | CAR           |
| PLM  | D3-SB-11PUB | ELM-AGENT     |
| PLM  | D3-SB-11PUB | ELM-SERVER    |
|  |             |               |

 Quando o backup estiver em andamento, você verá uma indicação de status como mostrado na imagem:

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

 Quando o backup for concluído, você verá uma mensagem SUCCESS (ÊXITO) indicando Backup Completed (Backup concluído) em CUCM como mostrado na imagem:

| Backup · Restore | e ▼ Help ▼            |                         |        |           |                              |   |  |  |  |
|------------------|-----------------------|-------------------------|--------|-----------|------------------------------|---|--|--|--|
| Backup Status    |                       |                         |        |           |                              |   |  |  |  |
| Refresh          | Cancel                |                         |        |           |                              |   |  |  |  |
|                  |                       | -                       |        |           |                              |   |  |  |  |
| Status           |                       |                         |        |           |                              |   |  |  |  |
| SUCCESS: 1       | Backup Completed      |                         |        |           |                              |   |  |  |  |
| – Backup details | 5                     |                         |        |           |                              |   |  |  |  |
|                  | -                     |                         |        |           |                              |   |  |  |  |
| Tar Filename:    |                       | 2018-12-24-13-04-38.tar |        |           |                              |   |  |  |  |
| Backup Device    |                       | NETWORK                 |        |           |                              |   |  |  |  |
| Operation:       |                       | BACKUP                  |        |           |                              |   |  |  |  |
| Percentage Co    | mplete:               | 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          | Refresh Cancel Backup |                         |        |           |                              |   |  |  |  |
|                  |                       |                         |        |           |                              |   |  |  |  |

• Quando o backup for concluído, você verá arquivos .TAR no diretório SFTP, como aparece na imagem. Esses arquivos serão usados posteriormente se uma restauração for necessária:

| root@CM-SFT   | P:   | /home/d | cisco/N | ICM/Backups | 11  |    |       |   |  |
|---------------|------|---------|---------|-------------|-----|----|-------|---|--|
| 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_DNALIASLOOKUP.tar |  |
| -rw-rw-r      | 1    | cisco   | cisco   | 10272       | Dec | 24 | 13:31 | 2018-12-24-13-04-38_D3-SB-11PUB_UCM_DNALIASSYNC.tar   |  |
| -rw-rw-r      | 1    | cisco   | cisco   | 27904032    | Dec | 24 | 13:31 | 2018-12-24-13-04-38 D3-SB-11PUB_UCM_MOH.tar           |  |
| -rw-rw-r      | 1    | cisco   | cisco   | 1597472     | Dec | 24 | 13:27 | 2018-12-24-13-04-38_D3-SB-11PUB_UCM_PLATFORM.tar      |  |
| -rw-rw-r      | 1    | cisco   | cisco   | 20577       | Dec | 24 | 13:31 | 2018-12-24-13-04-38_D3-SB-11PUB_UCM_REPORTER.tar      |  |
| -rw-rw-r      | 1    | cisco   | cisco   | 10298       | Dec | 24 | 13:27 | 2018-12-24-13-04-38_D3-SB-11PUB_UCM_SYSLOGAGT.tar     |  |
| -rw-rw-r      | 1    | cisco   | cisco   | 10360       | Dec | 24 | 13:27 | 2018-12-24-13-04-38_D3-SB-11PUB_UCM_TCT.tar           |  |
| -rw-rw-r      | 1    | cisco   | cisco   | 2202353616  | Dec | 24 | 13:31 | 2018-12-24-13-04-38_D3-SB-11PUB_UCM_TFTP.tar          |  |
| root@CM-SF1   | [P:, | /home/d | cisco/  | JCM/Backups |     |    |       |   |  |

Iniciar um backup manual via procedimento de CLI

Etapa 1. Secure Shell (SSH) no endereço IP do Editor do CUCM e autentique com o nome de usuário e a senha do SO como mostrado na imagem:

| 🕵 PuTTY Configuration                                       |   | ?                          | $\times$ |
|---|---|----------------------------|----------|
| Category:   | Basic options for your PuTTY ses<br>Specify the destination you want to connec<br>Host Name (or IP address)<br>192.06 | sion<br>t to<br>Port<br>22 |          |
|   | Connection type:<br>Raw Telnet Rlogin SSH<br>Load, save or delete a stored session<br>Saved Sessions                  | ⊖ Se                       | erial    |
| Connection     Data     Proxy     Telnet     Rlogin     SSH |   | Load<br>Save<br>Delet      | e<br>e   |
| About Help  | Close window on exit:<br>Always Never Only on cle   | an exit<br>Canci           | el       |

Etapa 2. Inicie um backup manual com a sintaxe de comando: utils aster\_recovery backup

**network** <featurelist> <backup device name> como mostrado na imagem:



 Quando o backup estiver em andamento, você verá uma indicação de status com a sintaxe de comando: utils disaster\_recovery status backup conforme mostrado na imagem:

| P 192. 106 - PuTTY  |
|---|
|   |
| 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   |

 Quando o backup for concluído, você verá uma mensagem de êxito com a sintaxe de comando: utils disaster\_recovery status backup conforme mostrado na imagem:

| 3 152 100 FOTT  |
|---|
|   |
| 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-11FUB 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-11FUB CCMPREFS SUCCESS Mon Dec 24 13:21:36 FST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-llpub_ucm_ccmprefs.log           |
| UCM D3-SB-11PUB TFTP SUCCESS Mon Dec 24 13:21:39 PST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_ffp.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-11FUB REPORTER SUCCESS Mon Dec 24 13:25:30 FST 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-11FUB DNALIASSYNC SUCCESS Mon Dec 24 13:25:32 FST 2018 activelog/platform/drf/log/2018-12-24-13-21-17_b_d3-sb-11pub_ucm_dnaliassync.log     |
| admin:  |

Ativar backup agendado via procedimento de GUI

Etapa 1. Navegue para CUCM > Sistema de recuperação de desastres > Backup >Scheduler >> Adicionar novo como mostrado nas imagens:

| Bac | ckup 🔻 Restore   | e ▼ Help ▼  |
|-----|------------------|---|
|     | Backup<br>Device |   |
|     | Scheduler        | ]   |
|     | Manual<br>Backup |   |
|     | History          | r Recovery System   |
|     | Current Status   | n: 11.5.1.15900-18  |
|     | VMware Inst      | -<br>allation: 1 vCPU@ Intel(R) Xeon(R) CPU E5-2690 v4 @ 2.60GF |

| cisco                               | Disaster Recovery System<br>For Cisco Unified Communications Solutions |  |
|-------------------------------------|--|--|
| Backup 🔻                            | Restore - Help -   |  |
| Schedule                            | List   |  |
| 🕂 Add N                             | ew   |  |
| Chatura                             |  |  |
| Status     Status: No records found |  |  |
| Schedul                             | e List   |  |
| No Sche                             | dules configured.  |  |
| Add Ne                              | ew l   |  |

Etapa 2. Adicione um nome para a tarefa de backup automático conforme mostrado na imagem:

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

Etapa 3. Selecionar um dispositivo de 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 🗸         |  |
|                                       |                      |  |

Etapa 4. Selecione os recursos de backup

| Select Backup Device                         |                             |   |
|--|-----------------------------|---|
|  |                             |   |
| Device Name*                                 | TAC-Backup 🗸                |   |
|  |                             | 1 |
| -Select Features *                           |                             |   |
|  |                             |   |
| Øucм   | CDR_CAR                     |   |
| <u></u>                                      |                             |   |
| The following components are registered with | h Disaster Recovery System: |   |

### Etapa 5. Escolha uma data de início e escolha a frequência:

| −Start Backup at*- |                   |          |      |            |             |          |
|--------------------|-------------------|----------|------|------------|-------------|----------|
|                    |                   |          |      |            |             |          |
| Date               | 2018 v Dec v 30 v |          | Time | 00 🗸 Hour  | 00 🗸 Minute |          |
|                    |                   |          |      |            |             |          |
| Frequency*         |                   |          |      |            |             |          |
| 0.0000             |                   |          |      |            |             |          |
| O Daily            |                   |          |      |            |             |          |
| Weekly             |                   |          |      |            |             |          |
| C Heekiy           |                   |          |      | -          |             |          |
|                    | Monday            | Tuesday  |      | Wednesday  |             | Thursday |
|                    | □ Friday          | Saturday |      | Sunday     |             |          |
|                    |                   |          |      | <b>_</b> . |             |          |
| O Monthly          |                   |          |      |            |             |          |

| О ма | onthly   |
|------|----------|
| Save | Set Defa |

### Passo 7. Ative o backup programado:

| Backup - Restore  | Bachup × Restore × Hep ×                      |   |                           |                 |
|---|---|---|---------------------------|-----------------|
| Schedule List   |   |   |                           |                 |
| Add New   | Select All 🔛 Clear All 💥 Delete Selected 🕨 En | able Selected Schedules Disable Selected Schedu | ules                      |                 |
| ⊂ Status  |   |   |                           |                 |
| 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  | e ▼ Help ▼                                    |   |                           |                 |
| Schedule List   |   |   |                           |                 |
| 🖧 Add New 🏢 Select AI 🏢 Clear AI 💥 Delete Selected 🔈 Enable Selected Schedules 🛑 Disable Selected Schedules |   |   |                           |                 |
| Chalus  |   |   |                           |                 |
| Status     Status: Enabled successfully   |   |   |                           |                 |
|   |   |   |                           |                 |
| r Schedule List   |   |   |                           |                 |
|   | Schedule Name                                 | Device Name                                     | Device Path               | Schedule Status |
|   | Weekly-Backup                                 | TAC-Backup                                      | 192. 250 : /UCM/Backups/  | Enabled         |

## Ativar backup agendado via procedimento de CLI

Etapa 1. Secure Shell (SSH) no endereço IP do Editor do CUCM e autentique com o nome de usuário e a senha do SO como mostrado na imagem:

| 🕵 PuTTY Configuration  |  | ?   | ×       |
|--|--|---|---------|
| Category:  |  |   |         |
| <ul> <li>Session         <ul> <li>Logging</li> <li>Terminal</li> <li>Keyboard</li> <li>Bell</li> <li>Features</li> </ul> </li> <li>Window         <ul> <li>Appearance</li> <li>Behaviour</li> <li>Translation</li> <li>Selection</li> <li>Colours</li> </ul> </li> <li>Connection         <ul> <li>Proxy</li> <li>Telnet</li> <li>Rlogin</li> <li>SSH</li> <li>Serial</li> </ul> </li> </ul> | Basic options for your PuTTY set         Specify the destination you want to connect         Host Name (or IP address)         192       06         Connection type:         O Raw       Telnet         O Telnet       Rlogin         Saved Sessions         Default Settings         Close window on exit:         O Always       Never         O Only on close | ssion<br>ct to<br>Port<br>22<br>O Se<br>Load<br>Save<br>Delet | e<br>te |
| About Help   | Open   | Cano  | el      |

Etapa 2. Adicione o backup programado com a sintaxe de comando: **utils desastre\_recovery agenda add** <*nome do agendamento*> <*nome do dispositivo*> <*lista de recursos*> <*data e hora*> <*frequency*> *conforme mostrado na imagem:* 

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

Etapa 3. Ative o backup programado com a sintaxe de comando: utils disaster\_recovery schedule enable <schedulename> conforme mostrado na imagem:



### CUCM exclui um exemplo de backup antigo

Configuração do dispositivo de backup com o número de backups definido como 1, conforme mostrado na imagem:

| 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 stor | Pocoword<br>re on Network Directory |               |  |

Diretório de backup com apenas um backup disponível (16 arquivos), como mostrado na imagem:

| root@CM-S | FTP: | /home/ | cisco/ | UCM/Backups | 11  |    |       |   |
|-----------|------|--------|--------|-------------|-----|----|-------|---|
| total 223 | 2628 |        |        |             |     |    |       |   |
| drwxr-xr- | K 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-S | FTP: | /home/ | cisco/ | UCM/Backups | ŧ   |    |       |   |

Primeiro, o CUCM começa a transferir arquivos de backup antes de excluir o backup antigo (chega a 32 arquivos):

| Backup · Restore  |                                 |   |        |           |           |  |   |   |  |   |   |   |  |  |  |  |                                  |          |
|---|---------------------------------|---|--------|-----------|-----------|--|---|---|--|---|---|---|--|--|--|--|----------------------------------|----------|
| Backup Status   |                                 |   |        |           |           | Proot@CM-S   | FTP: /home/cisc   | o/UCM/Backups   |  |   |   |   |  |  |  | -  |                                  | ×        |
| Refresh ()<br>Status<br>Backup opera  | Cancel<br>ation in progress for | server (D3-SB-11PUB), please wai                    | ి      |           |           | root@CM-SFT<br>total 24308<br>drwxr-xr-x<br>drwxr-xr-x<br>-rw-rw-r<br>-rw-rw-r<br>-rw-rw-r | P:/home/cisc<br>40<br>2 cisco cis<br>71 cisco cis<br>1 cisco cis<br>1 cisco cis<br>1 cisco cis  | co 2048<br>co 2048<br>co 1228<br>co 2379<br>co 1027<br>co 312340<br>co 312340   | s# 11<br>0 Dec 25<br>8 Dec 21<br>6 Dec 24<br>2 Dec 24<br>5 Dec 24<br>2 Dec 24  | 11:35<br>13:33<br>13:48<br>13:48<br>13:48<br>13:48                            | ./<br>2018-12-<br>2018-12-<br>2018-12-<br>2018-12-  | -24-13-2<br>-24-13-2<br>-24-13-2<br>-24-13-2  | 1-17_D3-<br>1-17_D3-<br>1-17_D3-   | -SB-11P0<br>-SB-11P0<br>-SB-11P0<br>-SB-11P0   | UB_drfCo<br>UB_UCM_A<br>UB_UCM_B   | mponent<br>NN.tar<br>BAT.tar   | .xml                             | Ŷ        |
| Backup details<br>Tar Filename:<br>Backup Device:<br>Operation:<br>Percentage Com | nplete:                         | 2018-12-25-11-12-03.tar<br>NETWORK<br>BACKUP<br>46% |        |           | _         |  | l cisco cia<br>l cisco cia | Image: State         Image: State           Image: State         Image: State | 2 Dec 24<br>8 Dec 24<br>0 Dec 24<br>5 Dec 24<br>2 Dec 24<br>2 Dec 24<br>2 Dec 24<br>2 Dec 24<br>2 Dec 24<br>2 Dec 24 | 13:44<br>13:44<br>13:48<br>13:48<br>13:48<br>13:48<br>13:48<br>13:48<br>13:48 | 2018-12<br>2018-12<br>2018-12<br>2018-12<br>2018-12<br>2018-12<br>2018-12<br>2018-12<br>2018-12 | -24-13-2;<br>-24-13-2;<br>-24-13-2;<br>-24-13-2;<br>-24-13-2;<br>-24-13-2;<br>-24-13-2;<br>-24-13-2;<br>-24-13-2; | 1-17_D3-<br>1-17_D3-<br>1-17_D3-<br>1-17_D3-<br>1-17_D3-<br>1-17_D3-<br>1-17_D3-<br>1-17_D3-<br>1-17_D3-<br>1-17_D3- | -SB-11P0<br>-SB-11P0<br>-SB-11P0<br>-SB-11P0<br>-SB-11P0<br>-SB-11P0<br>-SB-11P0<br>-SB-11P0 | UB UCM C<br>UB UCM C<br>UB UCM C<br>UB UCM C<br>UB UCM D<br>UB UCM D<br>UB UCM M | CMPREFS<br>UDPAGT.t<br>IEF.tar<br>ILM.tar<br>NALIASI<br>NALIASI<br>MOH.tar<br>PLATFORM | .tar<br>ar<br>.OOKUP.<br>FYNC.ta | ter<br>r |
| Feature   | Server                          | Component   | Status | Result ** |           | -rw-rw-r   | l cisco cis   | 100 2057  | 7 Dec 24   | 13:48   |   |   | 1-17_D3-   | SB-11P   | UB_UCM_R   | EPORTER  | .tar                             |          |
| UCM   | D3-SB-11PUB                     | CDPAGT  | 100    | SUCCESS   | Tue Dec 2 | -rw-rw-r   | l cisco cis   | 1029  | 8 Dec 24   | 13:44   | 2018-12   | -24-13-2  | 1-17_D3-   | SB-11P   | UB_UCM_S   | YSLOGAG  | T.tar                            |          |
| UCM   | D3-SB-11PUB                     | SYSLOGAGT   | 100    | SUCCESS   | Tue Dec 2 | -IW-IW-I   | 1 cisco cia   | ICO 220235361   | 6 Dec 24   | 13:49   | 2018-12   | -24-13-2  | 1-17_D3-   | SR-11P   | UB UCM T   | FTP.ta   |                                  |          |
| UCM   | D3-SB-11PUB                     | PLATFORM  | 100    | SUCCESS   | Tue Dec 2 | -rw-rw-r   | 1 cisco cis   | 100 4242435   | 2 Dec 25   | 11:35   | 2018-12   | -25-11-1  | 2-03 D3-   | SB-11P   | UBUCMC   | CMDB.t/  |                                  |          |
| UCM   | D3-SB-11PUB                     | CLM   | 100    | SUCCESS   | Tue Dec 2 | -rw-rw-r   | 1 cisco cis   | 1301507   | 2 Dec 25   |   |   |   | 2-03 D3-   |  | UBUCMC   | CMPREFS  |                                  |          |
| UCM   | D3-SB-11PUB                     | CCMDB   | 100    | SUCCESS   | Tue Dec 2 |  | 1 cisco cia   | 2053  | 8 Dec 25   |   |   |   | 2-03_D3-   |  | บв_บсм_с   |  |                                  |          |
| UCM   | D3-SB-11PUB                     | TCT   | 100    | SUCCESS   | Tue Dec 2 |  | 1 cisco cia   | 1033  | 5 Dec 25   | 11:34   |   |   | 2-03_D3-   |  | UB_UCM_C   |  |                                  |          |
| UCM   | D3-SB-11PUB                     | CCMPREFS  | 100    | SUCCESS   | Tue Dec 2 | -IM-IM-I   | l cisco cis   | 10 159747   | 2 Dec 25   | 11:34   | 2018-12   | -25-11-1  | 2-03_D3-   | SB-11P   | UB_UCM_P   | LATFORM  | .tar                             |          |
| UCM   | D3-SB-11PUB                     | TFTP  | 0      | Active    | Tue Dec 2 | -IM-IM-I   | 1 01500 015   | 1029  | 8 Dec 25   | 11.34   | 2018-12   | -25-11-1  | 2-03_03-   | SB-11P   |  | ISLOGAG  |                                  |          |
| UCM   | D3-SB-11PUB                     | MOH   | 0      |           |           |  | 1 cisco cia   | 14583398  | 4 Dec 25   | 11:35   | 2018-12   | -25-11-1  | 2-03_D3-   | SB-11P   | UB UCM T   | FTP.ta   |                                  |          |
| UCM   | D3-SB-11PUB                     | ANN   | 0      |           |           | root@CM-SFT  | P:/home/ciso  | o/UCM/Backup  | 3  |   |   |   |  |  |  |  |                                  |          |
| UCM   | D3-SB-11PUB                     | BAT   | 0      |           |           | root@CM-SFT  | P:/home/ciso  | o/UCM/Backup  | s‡   |   |   |   |  |  |  |  |                                  |          |
| UCM   | D3-SB-11PUB                     | CEF   | 0      |           |           | root@CM-SFT  | P:/home/ciso  | :o/UCM/Backup   | s‡   |   |   |   |  |  |  |  |                                  |          |
| UCM   | D3-SB-11PUB                     | REPORTER  | 0      |           |           | root@CM-SFT  | P:/home/ciso  | :o/UCM/Backup   | s#   |   |   |   |  |  |  |  |                                  |          |
| UCM   | D3-SB-11PUB                     | DNALIASLOOKUP                                       | 0      |           |           | root@CM-SFT  | P:/home/ciso  | :o/UCM/Backup   | S\$  |   |   |   |  |  |  |  |                                  |          |
| UCM   | D3-SB-11PUB                     | DNALIASSYNC   | 0      |           |           |  |   |   |  |   |   |   |  |  |  |  |                                  |          |
| Refresh   | ame to view the log             | file  |        | Cancel 8  | Backup    |  |   |   |  |   |   |   |  |  |  |  |                                  | v        |

Quando o backup for concluído, o DRS exclui o backup antigo para estar em conformidade com o número de backups armazenados no diretório de rede (16 arquivos):

| Backup - Restore  | Help        |  |        |           |              |  |     |
|---|-------------|--|--------|-----------|--------------|--|-----|
| Backup Status   |             |  |        |           |              | 🖉 root@CM-SFTP: /home/cisco/UCM/Backups –  | ×   |
| Refresh     Status     Status     Success: B     Backup details     Tar Filename:     Backup Device:     Operation: | Cancel      | 2018-12-25-11-12-03.tar<br>NETWORK<br>ВАСКИР |        | _         |              | <pre>rootBCM-STF:/home/cisco/UCM/Backups# 11 total 236956 drugr=xt=x 2 cisco cisco 20480 Pec 25 11:39 ./ drugr=xt=x 7 l cisco cisco 12288 Pec 21 13:33/rw=rw=r= l cisco cisco 12072 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_ADM.tar -rw=rw=r= l cisco cisco 10272 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_ADM.tar -rw=rw=r= l cisco cisco 10272 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_ADM.tar -rw=rw=r= l cisco cisco 10273 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_ADM.tar -rw=rw=r= l cisco cisco 102532 Pec 25 11:35 2018-12-25-11-12-03 D3-58-11PUB UCM_ADM.tar -rw=rw=r= l cisco cisco 120508 Pec 25 11:35 2018-12-25-11-12-03 D3-58-11PUB UCM_ADM.tar -rw=rw=r= l cisco cisco 120508 Pec 25 11:35 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=r= l cisco cisco 120508 Pec 25 11:34 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=r= l cisco cisco 120508 Pec 25 11:34 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=r= l cisco cisco 120508 Pec 25 11:34 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=r= l cisco cisco 120508 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=r= l cisco cisco 120508 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=rw= l cisco cisco 120508 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=rw= l cisco cisco 120508 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=rw= l cisco cisco 120508 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=rw= l cisco cisco 12050 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw= l cisco cisco 120512 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=-1 cisco cisco 120512 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=-1 cisco cisco 120512 Pec 25 11:39 2018-12-25-11-12-03 D3-18-D1PUB UCM_COMMRTFS.tar -rw=rw=-1 cisco cisco 120512 Pec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM_COMMRTFS.tar -rw=rw=-1 cisco cisco 120512 Pec 25 11:39 2018-12-25-11-12-03 D3-18-D</pre> | ~ ^ |
| Percentage Com  | nplete:     | 100%   |        |           |              | -rw-rw-r 1 cisco cisco 27904032 Dec 25 11:39 2018-12-25-11-12-03 D3-SB-11PUB_UCM_MOH.tar<br>-rw-rw-r 1 cisco cisco 1597472 Dec 25 11:34 2018-12-25-11-12-03_D3-SB-11PUB_UCM_PLATFORM.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-11PUB UCM REPORTER.tar   |     |
| UCM   | D3-SB-11PUB | CDPAGT                                       | 100    | SUCCESS   | Tue Dec 25 1 | S1 TW-TW-T 1 C1SCO C1SCO 10298 Pec 25 11:34 2018-12-25-11-12-03 D3-SB-11PUB_UCM_SYSLOGAGT.tar<br>-TW-TW-T 1 C1SCO C1SCO 10360 Pec 25 11:35 2018-12-25-11-12-03 D3-SB-11PUB_UCM_SYSLOGAGT.tar   |     |
| UCM   | D3-SB-11PUB | SYSLOGAGT                                    | 100    | SUCCESS   | Tue Dec 25 1 | -rw-rw-r- 1 cisco cisco 2202353616 Dec 25 11:39 2018-12-25-11-12-03 D3-58-11PUB UCM TFTP.tar   |     |
| UCM   | D3-SB-11PUB | PLATFORM                                     | 100    | SUCCESS   | Tue Dec 25 1 | <pre>ilcoot@CM-SFTP:/home/cisco/UCM/Backups#</pre>   |     |
| UCM   | D3-SB-11PUB | CLM  | 100    | SUCCESS   | Tue Dec 25 1 | 5 1  |     |
| UCM   | D3-SB-11PUB | CCMDB  | 100    | SUCCESS   | Tue Dec 25 1 | 51   |     |
| UCM   | D3-SB-11PUB | TCT  | 100    | SUCCESS   | Tue Dec 25 1 | 51   |     |
| UCM   | D3-SB-11PUB | CCMPREFS                                     | 100    | SUCCESS   | Tue Dec 25 1 | 5 1  |     |
| UCM   | D3-SB-11PUB | TFTP   | 100    | SUCCESS   | Tue Dec 25 1 | 5 1  |     |
| UCM   | D3-SB-11PUB | MOH  | 100    | SUCCESS   | Tue Dec 25 1 | 5 1  |     |
| UCM   | D3-SB-11PUB | ANN  | 100    | SUCCESS   | Tue Dec 25 1 | 5 1  |     |
| UCM   | D3-SB-11PUB | BAT  | 100    | SUCCESS   | Tue Dec 25 1 | 5 1  |     |
| UCM   | D3-SB-11PUB | CEF  | 100    | SUCCESS   | Tue Dec 25 1 | 51   |     |
| UCM   | D3-SB-11PUB | REPORTER                                     | 100    | SUCCESS   | Tue Dec 25 1 | 5 1  |     |
| UCM   | D3-SB-11PUB | DNALIASLOOKUP                                | 100    | SUCCESS   | Tue Dec 25 1 | 5 1  |     |
| UCM   | D3-SB-11PUB | DNALIASSYNC                                  | 100    | SUCCESS   | Tue Dec 25 1 | 5 1  |     |
| Refresh   |             |  |        | C         | ancel Backup |  |     |

#### Análise de registro de novos backups bem-sucedidos criados e antigos excluídos

### ++++++++++ A mensagem que você vê quando um backup manual é iniciado: BEGIN MANUAL +++++++++++

```
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

#### 

# 33 arquivos encontrados no caminho especificado

2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 33 files found at the given path 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_PLATFORM.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB drfComponent.xml 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_REPORTER.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB UCM CLM.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_DNALIASSYNC.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_REPORTER.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_MOH.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_BAT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_CCMDB.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_SYSLOGAGT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_CEF.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_CCMPREFS.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB UCM CCMPREFS.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_TCT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB UCM CEF.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB UCM PLATFORM.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3SB-11PUB\_UCM\_CDPAGT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_ANN.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB UCM SYSLOGAGT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_TFTP.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_TFTP.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB UCM CCMDB.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_ANN.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_DNALIASSYNC.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_DNALIASLOOKUP.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_CDPAGT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_MOH.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB UCM CLM.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_DNALIASLOOKUP.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_BAT.tar 2018-12-25 11:16:23,886 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-24-13-21-17\_D3-SB-11PUB\_UCM\_TCT.tar

#### 

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

#### 

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\*

A lista agora tem apenas um 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\_CCMPREFS.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB UCM TCT.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_PLATFORM.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB UCM CDPAGT.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_ANN.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_SYSLOGAGT.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_TFTP.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_CCMDB.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_DNALIASSYNC.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB\_UCM\_DNALIASLOOKUP.tar 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: 2018-12-25-11-12-03\_D3-SB-11PUB drfComponent.xml 2018-12-25 11:16:26,405 DEBUG [TarWorkerThread] - drfutils.sftpLsFiles-: Found 16 matching the search criteria.

#### 

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

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

## Verificar

Para verificar se o backup foi bem-sucedido, você precisa ver a mensagem de status **SUCCESS:** (ÊXITO) Backup concluído conforme mostrado na imagem:

| Backup - Restore   | e ▼ Help ▼  |                                    |        |           |              |   |
|--|-------------|------------------------------------|--------|-----------|--------------|---|
| Backun Status  |             |                                    |        |           |              | Proot@CM-SFTP: /home/cisco/UCM/Backups -  |
| Refresh     Refresh     Status     Status     Success: e     Backup details     Tar Filename:     Backup Device: | Cancel      | 2018-12-25-11-12-03.tar<br>NETWORK |        |           |              | root@CK-SFTF:/home/cisco/UCK/Backups# 11<br>total 236556<br>dtwar-xt-x 2 cisco cisco 20480 Dec 25 11:39 ./<br>dtwar-xt-x 7 l cisco cisco 12280 Dec 25 11:39 2018-12-25-11-12-03 D3-SB-11FUB_dffComponent.xml<br>-rw-rw-t 1 cisco cisco 10272 Dec 25 11:39 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ANN.tar<br>-rw-rw-t 1 cisco cisco 3123405 Dec 25 11:39 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ANN.tar<br>-rw-rw-t 1 cisco cisco 3123405 Dec 25 11:35 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ANN.tar<br>-rw-rw-t 1 cisco cisco 1302107 Dec 25 11:35 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 1302107 Dec 25 11:35 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 1301507 Dec 25 11:35 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 13050 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 13050 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 10350 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 10350 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 10350 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 10350 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 10350 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 10350 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 20502 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 20502 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 20502 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 20502 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 20502 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 cisco cisco 20502 Dec 25 11:34 2018-12-25-11-12-03 D3-SB-11FUB_UCK_ACMD8.tar<br>-rw-rw-t 1 ci |
| Operation:<br>Percentage Cor   | mplete:     | BACKUP<br>100%                     |        |           |              | -rw-rw-r 1 cisco cisco 10272 Dec 25 11:39 2018-12-25-11-12-03 D3-SB-11FUB UCM DNALIASSYNC.ta<br>-rw-rw-r 1 cisco cisco 27904032 Dec 25 11:39 2018-12-25-11-12-03 D3-SB-11FUB UCM MON.tar  |
| Feature  | Server      | Component                          | Status | Result ** |              | -rw-rw-r 1 cisco cisco 20577 Dec 25 11:39 2018-12-25-11-12-05 D5-55-11F0B UCM REPORTER.tar  |
| UCM  | D3-SB-11PUB | CDPAGT                             | 100    | SUCCESS   | Tue Dec 25   | -rw-rw-r 1 cisco cisco 10298 Dec 25 11:34 2018-12-25-11-12-03_D3-SB-11PUB_UCM_SYSLOGAGT.tar   |
| UCM  | D3-SB-11PUB | SYSLOGAGT                          | 100    | SUCCESS   | Tue Dec 25 : | -rw-rw-r 1 cisco cisco 10360 Dec 25 11:35 2018-12-25-11-12-03 D3-SB-11PUB UCM TCT.tar   |
| UCM  | D3-SB-11PUB | PLATFORM                           | 100    | SUCCESS   | Tue Dec 25 : | rw-rw-r=- 1 clsco clsco 220235366 Dec 25 11:39 2018-12-25-11-12-03 D3-SB-11P0B UCM TFTP.tar   |
| UCM  | D3-SB-11PUB | CLM                                | 100    | SUCCESS   | Tue Dec 25 : | Loolech-Sciri/Home/Cisco/Och/Backups+   |
| UCM  | D3-SB-11PUB | CCMDB                              | 100    | SUCCESS   | Tue Dec 25 : |   |
| UCM  | D3-SB-11PUB | TCT                                | 100    | SUCCESS   | Tue Dec 25 : |   |
| UCM  | D3-SB-11PUB | CCMPREFS                           | 100    | SUCCESS   | Tue Dec 25 : |   |
| UCM  | D3-SB-11PUB | TFTP                               | 100    | SUCCESS   | Tue Dec 25 : |   |
| UCM  | D3-SB-11PUB | MOH                                | 100    | SUCCESS   | Tue Dec 25 : |   |
| UCM  | D3-SB-11PUB | ANN                                | 100    | SUCCESS   | Tue Dec 25 : |   |
| UCM  | D3-SB-11PUB | BAT                                | 100    | SUCCESS   | Tue Dec 25   |   |
| UCM  | D3-SB-11PUB | CEF                                | 100    | SUCCESS   | Tue Dec 25 : |   |
| UCM  | D3-SB-11PUB | REPORTER                           | 100    | SUCCESS   | Tue Dec 25   |   |
| UCM  | D3-SB-11PUB | DNALIASLOOKUP                      | 100    | SUCCESS   | Tue Dec 25 : |   |
| UCM  | D3-SB-11PUB | DNALIASSYNC                        | 100    | SUCCESS   | Tue Dec 25   |   |
| Refresh  |             |                                    |        | Can       | cel Backup   |   |
|  |             |                                    |        |           |              |   |

## Troubleshoot

Para solucionar problemas de backups em CUCM, você precisa de:

- Logs locais de DRF
- Logs de mestre de DRF

No RTMT, navegue até Trace and log central > Collect files > Cisco DRF local & Cisco DRF Master (Rastreamento e registro central > Coletar arquivos > Cisco DRF local e Cisco DRF Mestre) para todos os servidores, conforme mostrado na imagem:

| teal Time Monitoring To   | OO For Cisco Unified Commun  | ications S   | Solutions   |                                     |  |
|---|--|--|---|-------------------------------------|--|
| System  | Trace & Log Central  | 1  |   |                                     |  |
| stem Summary<br>System Summary<br>Ver<br>CPU and Memory<br>Process<br>Disk Usage<br>Critical Services<br>formance<br>Performance Log Viewer<br>Alert Central<br>Job Status<br>SysLog Viewer<br>VLT<br>AuditLog Viewer | <ul> <li>Trace &amp; Log Central</li> <li>Remote Browse</li> <li>Collect Files</li> <li>Query Wizard</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> | Collec<br>Downl<br>Comp<br>Downl<br>Downl<br>Downl<br>Downl<br>Downl<br>Downl<br>Downl<br>Downl<br>Downl<br>Downl<br>Downl<br>Comp | t Files in progress for node d3-sb-11pub<br>collect Files  Select System Services/Applications  Select a  Cisco CCMAdmin Web Service Cisco CCMRealm Web Service Cisco CCMUser Web Service Cisco CCMUser Web Service Cisco CDP Agent Cisco CDP Agent Cisco CDP Agent Cisco Called Party Tracing Cisco Called Party Tracing Cisco ControlCenter CLI Cisco ControlCenter CLI Cisco ControlCenter CLI Cisco DRF Local Cisco DRF Local Cisco DRF Master Cisco Database Cli Output Cisco Database Cli Output Cisco Database Replicator Trace Cisco Database Notification Service Cisco Database Replicator Trace Cisco Discovery Responder Service Cisco Estimal Call Control Service Cisco Informix Database Service | All Servers All Servers All Servers |  |

Você pode encontrar detalhes sobre Como coletar rastreamentos para o CUCM 9.x ou posterior

O acesso ao SFTP remoto é recomendado.