

CUCM的备份和恢复操作通过CLI

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简介

本文描述进程如何使用灾难恢复系统(DR)在Cisco Unified Communications Manager (CUCM)的备份和恢复操作与命令行界面(CLI)。

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先决条件

没有前提对于本文。

要求

本文档没有任何特定的要求。

使用的组件

本文档不限于特定的软件和硬件版本。

背景信息

管理员通过灾难恢复System(DRS) Web图形用户Interface(GUI)通常备份与恢复操作。

有管理员没有一种可能性登陆对灾难恢复System(DRS)网页由于网络问题的许多案件或，当Cisco Tomcat服务不运作时。

在这些情况下管理员能执行备份或恢复与灾难恢复System(DRS)的操作， Line命令Interface(CLI)命令。

备份过程

1. 添加一个备份设备。

语法：

使用情况disaster_recovery设备添加网络<backup设备name>远程server> <username> [number of backups] <path> <ip地址>

示例：

```
admin:utils disaster_recovery device add network linuxbox ./ 10.48.53.123 ccmadmin
Please enter password to connect to network server 10.48.53.123:****
drfCliMsg: Backup Device has been saved successfully.
```

2. 检查被添加的设备。

语法：

使用情况disaster_recovery设备清单

示例：

```
admin:utils disaster_recovery device list
Device Name          Device Type          Device Path
-----
linuxbox             NETWORK             ./
```

3. Take备份。

语法：

使用情况disaster_recovery备用网络<featurelist> <backup设备name>

Featurelist -逗号备份的功能被分离的列表。请使用‘使用情况disaster_recovery show_registration <servername>’显示已注册功能列表。

示例：

```
admin:utils disaster_recovery backup network UCM,CDR_CAR,PLM linuxbox
drfCliMsg: Backup initiated successfully. Please run 'utils disaster_recovery status backup'
command to see the status
```

<p style="background-image: url('http://www.cisco.com/en/US/i/templates/warn.gif'); background-repeat: no-repeat; background-position: 2px 4px; height: auto; width: auto; padding: 10px 5px 10px 35px; margin-top: 10px; margin-bottom: 10px; border-top: 1px solid #ccc; border-bottom: 1px solid #ccc; overflow-x: hidden;">Warning: {The DRS Backup archive encryption depends on the current security password (Provided at the time of install). During a restore, you could be prompted to enter this security password if this password has been changed.}</p>

4. Check备份的状况。

语法：

使用情况disaster_recovery状态备份

示例：

```
admin:utils disaster_recovery status backup

Status: SUCCESS :Backup Completed...
Tar Filename: 2017-08-18-12-17-19.tar
Storage Location: NETWORK
Operation: backup
Percentage Complete: 100
PLM CUCM160 ELM-AGENT SUCCESS Fri Aug 18 12:17:19 CEST 2017 activelog/platform/drf/log/2017-08-
```

18-12-17-19_b_cucm160_plm_elm-agent.log
PLM CUCM160 ELM-SERVER SUCCESS Fri Aug 18 12:17:21 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_plm_elm-server.log
CDR_CAR CUCM160 CAR SUCCESS Fri Aug 18 12:17:27 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_cdr_car_car.log
UCM CUCM160 BAT SUCCESS Fri Aug 18 12:19:23 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_bat.log
UCM CUCM160 CCMPREFS SUCCESS Fri Aug 18 12:19:25 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_ccmprefs.log
UCM CUCM160 PLATFORM SUCCESS Fri Aug 18 12:19:30 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_platform.log
UCM CUCM160 TCT SUCCESS Fri Aug 18 12:19:34 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_tct.log
UCM CUCM160 SYSLOGAGT SUCCESS Fri Aug 18 12:19:35 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_syslogagt.log
UCM CUCM160 CDPAGT SUCCESS Fri Aug 18 12:19:36 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_cdpagt.log
UCM CUCM160 CLM SUCCESS Fri Aug 18 12:19:37 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_clm.log
UCM CUCM160 CCMDB SUCCESS Fri Aug 18 12:19:37 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_ccmdb.log
UCM CUCM160 TFTP SUCCESS Fri Aug 18 12:20:15 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_tftp.log
UCM CUCM160 ANN SUCCESS Fri Aug 18 12:21:33 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_ann.log
UCM CUCM160 MOH SUCCESS Fri Aug 18 12:21:34 CEST 2017 activelog/platform/drf/log/2017-08-18-12-17-19_b_cucm160_ucm_moh.log

恢复过程

1. 检查备份文件在一个远程sftp服务器。

语法：

使用情况disaster_recovery show_backupfiles <backup设备name>

示例：

admin : 使用情况disaster_recovery show_backupfiles linux123

2017-08-18-14-45-38

2017-08-18-12-17-19

2.Restore从备份的系统

从上一个输出选择备份文件。

语法：

使用情况disaster_recovery恢复远程server> <tarfilename> <backup设备name>网络<ip地址

示例：

admin:utils disaster_recovery restore network 10.48.53.160 2017-08-18-14-45-38 linux123

drfCliMsg: WARNING! There are nodes in current production cluster but NOT present in the backup. These nodes will be removed if you restore the Publisher. If you want to keep these nodes, you will need to manually re-add them after the restore.

Do you want DRS to perform a SHA-1 File Integrity Check of your backup archives y/n ?(n) : y

Please enter the comma separated features you wish to restore. Valid features for server CUCM160 are PLM,CDR_CAR,UCM:PLM,CDR_CAR,UCM

Do you want to restore database from the subscriber y/n ?(n) : n

drfCliMsg: Restore initiated successfully. Please run 'utils disaster_recovery status restore' command to see the status

ALERT: Please restart the server(s) before performing the next restore for changes to take effect. In case of a cluster, restart the entire cluster.

<p style="background-image: url('http://www.cisco.com/en/US/i/templates/note.gif'); background-repeat: no-repeat; background-position: 2px 4px; height: auto; width: auto; padding: 10px 5px 10px 35px; margin-top: 10px; margin-bottom: 10px; border-top: 1px solid #ccc; border-bottom: 1px solid #ccc; overflow-x: hidden;">Note: {If you are restoring the system to be in FIPS mode, please note that it will be enabled during this restore, but will not take effect until the next reboot..}</p>

3. 检查恢复状态

恢复过程可能花费时间取决于数据库大小。

语法：

使用情况disaster_recovery状态恢复

示例：

```
admin:utils disaster_recovery status restore
```

```
Status: SUCCESS :Restore Completed...
Tar Filename: 2017-08-18-14-45-38.tar
Storage Location: NETWORK
Operation: restore
Percentage Complete: 100
CDR_CAR CUCM160 CAR SUCCESS Fri Aug 18 15:20:15 CEST 2017
activelog/platform/drf/log/2017-08-18-15-20-01_r_cucm160_cdr_car_car.log
PLM CUCM160 ELM-AGENT SUCCESS Fri Aug 18 15:24:34 CEST 2017
activelog/platform/drf/log/2017-08-18-15-20-01_r_cucm160_plm_elm-agent.log
PLM CUCM160 ELM-SERVER SUCCESS Fri Aug 18 15:24:34 CEST 2017
activelog/platform/drf/log/2017-08-18-15-20-01_r_cucm160_plm_elm-server.log
UCM CUCM160 BAT SUCCESS Fri Aug 18 15:27:06 CEST 2017 activelog/platform/drf/log/2017-
08-18-15-20-01_r_cucm160_ucm_bat.log
UCM CUCM160 CCMPPREFS SUCCESS Fri Aug 18 15:27:06 CEST 2017
activelog/platform/drf/log/2017-08-18-15-20-01_r_cucm160_ucm_ccmprefs.log
UCM CUCM160 PLATFORM SUCCESS Fri Aug 18 15:27:13 CEST 2017
activelog/platform/drf/log/2017-08-18-15-20-01_r_cucm160_ucm_platform.log
UCM CUCM160 TCT SUCCESS Fri Aug 18 15:32:15 CEST 2017 activelog/platform/drf/log/2017-
08-18-15-20-01_r_cucm160_ucm_tct.log
UCM CUCM160 SYSLOGAGT SUCCESS Fri Aug 18 15:34:39 CEST 2017
activelog/platform/drf/log/2017-08-18-15-20-01_r_cucm160_ucm_syslogagt.log
UCM CUCM160 CDPAGT SUCCESS Fri Aug 18 15:34:39 CEST 2017
activelog/platform/drf/log/2017-08-18-15-20-01_r_cucm160_ucm_cdpagt.log
UCM CUCM160 CLM SUCCESS Fri Aug 18 15:37:03 CEST 2017 activelog/platform/drf/log/2017-
08-18-15-20-01_r_cucm160_ucm_clm.log
UCM CUCM160 CCMDB SUCCESS Fri Aug 18 15:37:05 CEST 2017
```

```
activelog/platform/drf/log/2017-08-18-15-20-01_r_cucm160_ucm_ccmdb.log
UCM CUCM160 TFTP SUCCESS Fri Aug 18 15:45:12 CEST 2017
activelog/platform/drf/log/2017-08-18-15-20-01_r_cucm160_ucm_tftp.log
UCM CUCM160 ANN SUCCESS Fri Aug 18 15:46:38 CEST 2017 activelog/platform/drf/log/2017-
08-18-15-20-01_r_cucm160_ucm_ann.log
UCM CUCM160 MOH SUCCESS Fri Aug 18 15:46:39 CEST 2017 activelog/platform/drf/log/2017-
08-18-15-20-01_r_cucm160_ucm_moh.log
```

相关条款

[Cisco Unified通信解决方案的命令行界面参考指南](#)

[Cisco Unified Communications Manager和IM &在线状态服务的灾难恢复系统管理指南](#)