

Understanding the Resource Manager Essentials Database Backup Process

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Introduction

This document shows you which files and directories Resource Manager Essentials (RME) backs up when you make a backup of the RME database.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on the RME 3.x on Solaris only.

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. If your network is live, make sure that you understand the potential impact of any command.

Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

RME 3.x Backup

This section describes what happens when you do a backup from RME 3.x.

If the backup is in `/opt/tmp/backupDir`, RME creates a numerical directory, such as "0". To check, go to the backup directory and enter `ls`. You see:

```
/opt/tmp/backupDir# ls
0/
```

In the "0" directory, there are three other directories, as in this example:

```
/opt/tmp/backupDir# cd 0
```

```
/opt/tmp/backupDir/0# ls
cmf/  rme/  dfm/
```

Note: The **dfm/** only appears if you have installed the directory. Without the installation of the **dfm** directory, you do not see **dfm/** .

When you go to the **cmf** directory, you see:

```
/opt/tmp/backupDir/0/cmf# ls -l
total 96
drwxr-x---  2 bin      bin           115 Jun  1 16:42 campus/
drwxr-x---  2 bin      bin           407 Jun  1 16:42 database/
-rw-r----- 1 bin      bin          13824 Jun  1 16:40 filebackup.tar
drwxr-x---  2 bin      bin           115 Jun  1 16:42 userinfo/
drwxr-x---  2 bin      bin           115 Jun  1 16:42 ut/
```

RME 3.5 has **casuser/casusers** as permissions. It also backs up more files.

```
-rw-r----- 1 casuser casusers 467 Apr 22 16:09 ani.tmp1
drwxr-x---  2 casuser casusers 512 Apr 22 16:11 campus/
-rwxr-x---  1 casuser casusers 418 Apr 22 16:08 cmf.tmp1*
drwxr-x---  2 casuser casusers 512 Apr 22 16:11 database/
-rw-r----- 1 casuser casusers 110592 Apr 22 16:00 filebackup.tar
drwxr-x---  2 casuser casusers 512 Apr 22 16:11 userinfo/
drwxr-x---  2 casuser casusers 512 Apr 22 16:11 ut/
```

The contents of the **filebackup.tar** file are:

```
/opt/CSCOpX/etc/users/
/opt/CSCOpX/etc/users/ani/
/opt/CSCOpX/etc/users/ani/8855.map
/opt/CSCOpX/etc/users/ani/8427.map
/opt/CSCOpX/etc/users/ani/9043.map
/opt/CSCOpX/etc/users/ani/9402.map
/opt/CSCOpX/etc/users/ani/9404.map
/opt/CSCOpX/etc/users/ani/9362.map
/opt/CSCOpX/etc/users/ani/9405.map
/opt/CSCOpX/etc/users/ani/9406.map
/opt/CSCOpX/etc/users/ani/9410.map
/opt/CSCOpX/etc/users/ani/9592.map
/opt/CSCOpX/etc/users/admin/
/opt/CSCOpX/etc/users/admin/9402.map
/opt/CSCOpX/etc/cwsi/users/
/opt/CSCOpX/etc/cwsi/users/Readme
/opt/CSCOpX/etc/cwsi/users/admin.ut.preferences
/opt/CSCOpX/lib/classpath/com/cisco/nm/cmf/servlet/cwpass
```

RME 3.5 has **casuser/casusers** as permissions. It also backs up more files.

```
drwxr-x--- 100/100 0 Jul 15 12:27 2003 /opt/CSCOpX/campus/etc/users/
drwxr-x--- 100/100 0 Jan 23 17:30 2004 /opt/CSCOpX/campus/etc/users/admin/
-rw-r----- 100/100 500 Feb 10 19:19 2004 /opt/CSCOpX/campus/etc/users/admin/
  user.preferences
-rw-r----- 100/100 18951 Jul 15 12:30 2003 /opt/CSCOpX/campus/etc/users/admin/2988.xml
-rw-r----- 100/100 1194 Jul 15 12:31 2003 /opt/CSCOpX/campus/etc/users/admin/1195.xml
-rw-r----- 100/100 8130 Nov 13 16:09 2003 /opt/CSCOpX/campus/etc/users/admin/2.xml
-rw-r----- 100/100 15181 Aug 5 12:29 2003 /opt/CSCOpX/campus/etc/users/admin/5.xml
-rw-r----- 100/100 3483 Aug 5 12:29 2003 /opt/CSCOpX/campus/etc/users/admin/2923.xml
-rw-r----- 100/100 5070 Sep 16 17:35 2003 /opt/CSCOpX/campus/etc/users/admin/41404.xml
-rw-r----- 100/100 632 Sep 16 11:00 2003 /opt/CSCOpX/campus/etc/users/admin/43364.xml
-rw-r----- 100/100 632 Sep 16 11:05 2003 /opt/CSCOpX/campus/etc/users/admin/43658.xml
-rw-r----- 100/100 9054 Sep 16 11:09 2003 /opt/CSCOpX/campus/etc/users/admin/43453.xml
-rw-r----- 100/100 632 Sep 16 17:31 2003 /opt/CSCOpX/campus/etc/users/admin/43386.xml
```

```

-rw-r----- 100/100 10662 Nov 14 15:54 2003 /opt/CSCOpX/campus/etc/users/admin/90653.xml
-rw-r----- 100/100 2370 Jan 23 17:30 2004 /opt/CSCOpX/campus/etc/users/admin/189245.xml
drwxr-x--- 100/100 0 Aug 5 16:45 2003 /opt/CSCOpX/campus/etc/cwsi/users/
-rw-r----- 100/100 64 Jan 12 01:45 2000 /opt/CSCOpX/campus/etc/cwsi/users/Readme
-rw-r----- 100/100 95 Aug 5 16:45 2003 /opt/CSCOpX/campus/etc/cwsi/users/
  admin.ut.preferences
-rw-r----- 100/100 262 Feb 12 11:13 2004 /opt/CSCOpX/lib/classpath/com/cisco/nm/cmfservlet/cwpass
-rw-r----- 100/100 1382 May 22 13:17 2003 /opt/CSCOpX/lib/eds/filter/namedfilter.str
-rwxr-xr-x 100/100 142 Apr 14 23:22 2003 /opt/CSCOpX/objects/web/conf/ssl.conf
-rw-r----- 100/100 6865 Aug 8 12:08 2003 /opt/CSCOpX/www/classpath/com/cisco/nm/cmfssecurity/jaas/JaasConfig.xml
-rw-r----- 100/100 16 Aug 8 12:08 2003 /opt/CSCOpX/www/classpath/com/cisco/nm/cmfssecurity/jaas/JaasConfigModule
drwxr-xr-x 100/100 0 May 22 10:25 2003 /opt/CSCOpX/htdocs/XML/Public/maintree/
-rw-r----- 100/100 1359 Feb 26 14:21 2000 /opt/CSCOpX/htdocs/XML/Public/maintree/linkdef.dtd
drwxr-x--- 100/100 0 May 22 10:25 2003 /opt/CSCOpX/htdocs/help/extern/
-rw-r----- 100/100 57 Apr 14 23:22 2003 /opt/CSCOpX/htdocs/help/extern/README
-rw-r----- 100/100 489 Apr 14 23:22 2003 /opt/CSCOpX/htdocs/help/mappingfiles/CRMExtern.hlp
-rw-r----- 100/100 1038 Apr 14 23:21 2003 /opt/CSCOpX/conf/logstat.conf

```

When you go to the rme directory, you see:

```

/opt/tmp/backupDir/0/rme# ls -l
total 289008
drwxr-x--- 2 bin bin 115 Jun 1 16:42 cjm/
drwxr-x--- 2 bin bin 115 Jun 1 16:42 config/
drwxr-x--- 2 bin bin 280 Jun 1 16:42 database/
-rw-r----- 1 bin bin 147929088 Jun 1 16:41 filebackup.tar
drwxr-x--- 2 bin bin 115 Jun 1 16:42 netconfig/
drwxr-x--- 2 bin bin 115 Jun 1 16:42 swim/

```

RME 3.5 has casuser/casusers as permissions. It also backs up more files.

```

drwxr-x--- 2 casuser casusers 512 Apr 22 16:11 cas/
drwxr-x--- 2 casuser casusers 512 Apr 22 16:11 cjm/
drwxr-x--- 2 casuser casusers 512 Apr 22 16:11 database/
-rw-r----- 1 casuser casusers 476947456 Apr 22 16:06 filebackup.tar
drwxr-x--- 2 casuser casusers 512 Apr 22 16:11 inventory/
drwxr-x--- 2 casuser casusers 512 Apr 22 16:11 netconfig/
-rw-r----- 1 casuser casusers 426 Apr 22 16:11 rme.tpl
drwxr-x--- 2 casuser casusers 512 Apr 22 16:11 swim/

```

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