



## CHAPTER 2

# Backup and Restore Procedures

---

This section is intended to assist system administrators to back up and restore the Cisco Unified Videoconferencing Manager database and configuration files.

- [Overview, page 2-1](#)
- [How to Perform Backup Procedure, page 2-2](#)
- [How to Perform Restore Procedure, page 2-4](#)

## Overview

There are many reasons for performing system backups on a regular basis. While it is usually assumed that backups are necessary only in cases of disk crashes or other physical disasters, most such cases are application-related. For example:

- User mistakes
- Application bugs
- Power failure
- Disk corruption
- Any other kind of physical disaster

To restore Cisco Unified Videoconferencing Manager data, stop the Cisco Unified Videoconferencing Manager service before restoring the database, configuration files, branding and sound files. Restart the Cisco Unified Videoconferencing Manager service after restoration is complete.

# How to Perform Backup Procedure

- [Backing Up the Database, page 2-2](#)
- [Backing Up Configuration Files, page 2-2](#)
- [Backing Up Branding and Sound Files, page 2-3](#)
- [Backing Up the License, page 2-3](#)
- [Backing Up the Internal Gatekeeper Configuration File, page 2-4](#)

## Backing Up the Database

The database backup procedure supports MySQL database version 4.0.21. This section describes how to back up MySQL database version 4.0.21.

### Procedure

---

**Step 1** Open a DOS window and modify the current directory so that the default path points to the MySQL bin directory.

The default MySQL installation path is:

C:\Program Files\MySQL\mysql-4.0.21-win\bin

**Step 2** Run the following DOS command to dump the contents of the MySQL database to a file called mydump:  
mysqldump -u root --all-databases --add-drop-table --single-transaction > mydump

where

- -u root indicates that the user account “root” is used to run this command. “Root” is the default administrator created during MySQL installation.
- --all-databases means that all databases are to be backed up.
- --add-drop-table ensures that drop table SQL statements are generated for every dumped table.
- --single-transaction ensures that you do not need to stop the MySQL service when you back up the database.
- By default, you do not need to provide a password for local “root” login. However, if you change the root user password, you should add the text “-p password” to the command line. For example:

mysqldump -u root -p rootpassword --all- databases --add-drop-table --single-transaction >mydump

**Step 3** Save the mydump file to a safe location.

---

## Backing Up Configuration Files

This section describes how to back up the following files by copying them to a different physical location:

- [Database Connectivity Property File, page 2-3](#)
- [Configuration Files, page 2-3](#)
- [LDAP Configuration Files, page 2-3](#)

- [Network Manager Configuration Files, page 2-3](#)
- [Backing Up Branding and Sound Files, page 2-3](#)

## Database Connectivity Property File

Place the mysql-ds.xml file under C:\Program Files\Cisco\Unified Videoconferencing Manager\CUVCMRM\jboss\server\default\deploy.

**Note**

This is the default JBOSS\_HOME directory for Cisco Unified Videoconferencing Manager version 5.1. For older versions, the JBOSS\_HOME directory may be different.

## Configuration Files

Backup the following configuration files from C:\Program Files\Cisco\Unified Videoconferencing Manager\CUVCMRM\jboss\bin:

vcs-cdr-config.xml  
vsc-config.xml  
vcs-core.properties  
vnex.properties

## LDAP Configuration Files

Place the following files under the C:\Program Files\Cisco\Unified Videoconferencing Manager\CUVCMRM\jboss\bin\configFiles directory:

- All files (if any) under this directory.

## Network Manager Configuration Files

Place the following under the C:\Program Files\Cisco\Unified Videoconferencing Manager\CUVCMRM\jboss\server\default\deploy\vcs.ear\cuvcmnm.war\WEB-INF\classes\ directory:

- adminconfig folder
- config folder

## Backing Up Branding and Sound Files

Back up all files (if any) located under the C:\Program Files\Cisco\Unified Videoconferencing Manager\CUVCMRM\jboss\server\default\deploy\branding.war\image directory to a different physical location.

## Backing Up the License

Go to My Computer > HKEY\_LOCAL\_MACHINE > SOFTWARE > Cisco > Resource Manager > 4.0 component of CUVC-M4.0" directory, and save the value under "license".

## Backing Up the Internal Gatekeeper Configuration File

Go to the Web interface of the internal gatekeeper on port 8011 and click **Export** to save the configuration files of the internal gatekeeper.

## How to Perform Restore Procedure

This section describes how to restore Cisco Unified Videoconferencing Manager data. This section includes the following topics:

- [Procedure Overview, page 2-4](#)
- [Restoring the Database, page 2-4](#)
- [Restoring Configuration Files, page 2-5](#)
- [Restoring Branding and Sound Files, page 2-5](#)
- [Restoring the License, page 2-5](#)
- [Restoring the Internal Gatekeeper Configuration File, page 2-5](#)

## Procedure Overview

The restoring procedure includes the following stages:

- Stop the Cisco Unified Videoconferencing Manager service
  - Go to **Control Panel > Administrative Tools > Services**.
  - Find the service named “Cisco Unified Videoconferencing Manager” and stop it.
- Restore the database—see the [Restoring the Database, page 2-4](#).
- Restore the configuration files—see the [Restoring Configuration Files, page 2-5](#).
- Restore the Branding and Sound Files—see the [Restoring Branding and Sound Files, page 2-5](#).
- Restore the License Files—see the [Restoring the License, page 2-5](#).
- Start the Cisco Unified Videoconferencing Manager service.

## Restoring the Database

The database backup procedure supports MySQL database version 4.0.21. This section describes how to restore MySQL database version 4.0.21.

### Procedure

---

**Step 1** Open a DOS window and modify the current directory so that the default path points to the MySQL bin directory.

The default MySQL installation path is:

C:\Program Files\MySQL\mysql-4.0.21-win\bin.

**Step 2** Copy the mydump file to this directory where mydump is the name of the database backup file.

- Step 3** In the DOS window, enter the “mysql -u root” command to access the MySQL database command line user interface.
- The command link prompt changes to mysql>.
- Step 4** Run the following command to restore the content that has been dumped into the backup file to the database:
- ```
mysql> source mydump
```
- Step 5** Run the following command to exit the MySQL command line window:
- ```
mysql > exit
```
- 

## Restoring Configuration Files

Restore the configuration files listed in the [Backing Up Configuration Files, page 2-2](#).

## Restoring Branding and Sound Files

Refer to the [Backing Up Branding and Sound Files, page 2-3](#).

## Restoring the License

Go to **Start > Programs > Cisco > Cisco Unified Videoconferencing Manager > Update License**, and enter the backup license.

## Restoring the Internal Gatekeeper Configuration File

Go to the Web interface of the internal gatekeeper on port 8011 and click **Import** to import the configuration backup of the internal gatekeeper.

