Main page: Cisco Unified MeetingPlace Express, Release 2.x

Follow all of the steps in these sections to reinstall Cisco Unified MeetingPlace Express Release 2.x and save any existing data.

Contents

Requirements

- You must restore the data to a server running the same Cisco Unified MeetingPlace Express version. Use the **mpx_version** command to check the version.
- We recommend upgrading your system to the latest release available.

Backing Up Data

Back up your data from the old server to a remote server. You do not need to back up the web conferencing database because that will be reinstalled in the process.

Creating a New Folder

First, create a folder to hold the backed up data by following these steps:

Procedure

1. From the terminal, switch to the root user by entering **su-**.
2. Navigate to the /partB folder by entering **cd /partB**.
3. Give the root user full permission to write to the /partB folder by entering **chmod 777 /partB**.
4. Create a new folder by entering **mkdir mpe-backup-all**.
5. Ensure that the new folder has full read and write permissions by entering **chmod 777 mpe-backup-all**.

Exporting the Data

Export the database from the old server by following these steps:

Procedure

1. Copy the export script to the /partB directory by entering the following:
   cp $MP_ROOT/database/db-maintenance/database_export.sh .
   Note: Be sure to enter the **.** at the very end.
2. Ensure that the file is executable by entering **chmod +wx database_export.sh**.
3. Stop all the services by entering **mpx_sys stop**.
4. Start the database service only by entering **/sbin/service mpx_db start**.
5. Run the script to export the database by entering **sh ./database_export.sh meetingplacedb /partB/mpeExportFolder**.

Verifying the Database Export

After the export is finished, the export folder specified should be created. Under the export directory, there should be one file called dbexport.out and one subdirectory called meetingplacedb.exp.

```
$ ls -l /partB/mpeExportFolder/
total 136
-rw-r--r--    1 informix informix   130486 Nov  2 06:05 dbexport.out
drwxr-xr-x    2 informix informix     4096 Nov  2 06:05 meetingplacedb.exp
```

Under the meetingplacedb.exp subdirectory, there are lot of .unl files and one meetingplacedb.sql file:

```
$ ls /partB/mpeExportFolder/meetingplacedb.exp/
axlur00158.unl  cscon00109.unl  csexl00115.unl  csfmo00121.unl  csmtg00131.unl  cspeg00141.unl  cs
csvsr00168.unl      tftps00155.unl csala00100.unl  cscon00110.unl  csfil00125.unl  csfmp00122.unl
cssch00149.unl  csuni00163.unl  datab00174.unl      trigg00175.unl csapp00101.unl  cscon00111.unl
csnet00133.unl  cspom00139.unl  cssch00150.unl  csuse00164.unl  diali00161.unl      tzreg00172.unl
csfma00116.unl  csfms00124.unl  csnot00134.unl  cspor00142.unl  csscs00148.unl  csuse00165.unl  h3
cscap00103.unl  cscrr00105.unl  csfmf00117.unl  csgro00127.unl  csopt00135.unl  cspor00143.unl  cs
licen00173.unl      uigro00169.unl cscom00106.unl  csdid00112.unl  csfmg00118.unl  csgws00128.unl
csswc00152.unl  csvid00156.unl  local00171.unl cscon00107.unl  csdid00113.unl  csfmg00119.unl  csh
csswc00153.unl  csvid00157.unl  meetingplacedb.sql cscon00108.unl  csexl00114.unl  csfmh00120.unl
csrem00147.unl  cssys00154.unl  csvsr00167.unl  sippr00160.unl
```

Procedure

1. Archive the mpeExportFolder folder by entering **tar -cvf /partB/mpe-backup-all/mpeExportFolder.tar /partB/mpeExportFolder**.
2. Verify that the files are all there by entering **ls ?l /partB/mpe-backup-all/mpeExportFolder.tar**.

Backing Up the Required Files

The files that you must back up are listed in $MP_ROOT/database/db-maintenance/ext_archive.files.

```
cat $MP_ROOT/database/db-maintenance/ext_archive.files
$MP_ROOT/licenses
$MP_ROOT/afs/custom
/mpx-record
/usr/local/enrollment
```

Procedure

1. Back up the license files by entering the following:
   tar ?cvf /partB/mpe-backup-all/licenses.tar $MP_ROOT/licenses
2. Back up the afs custom files by entering the following:
   tar ?cvf /partB/mpe-backup-all/afx-custom.tar $MP_ROOT/afs/custom
3. Back up the mpx-record file by entering the following:
   tar ?cvf /partB/mpe-backup-all/mpx-record.tar /mpx-record
4. Back up the SSL files by entering the following:
   tar ?cvf /partB/mpe-backup-all/enrollment.tar /usr/local/enrollment

Noting Microsoft Exchange Settings

The scripts do not export and import your Microsoft Exchange integration settings. We recommend that you take a screenshot of the Administration Center page on the old server that contains the Microsoft Exchange settings so that you can configure the same settings on the new server.

Procedure

1. Sign in to the Administration Center.
2. Select **System Configuration > E-Mail Service Administration > SMTP Server Configuration**.
3. Take a screenshot and save it.
4. Select **System Configuration > E-Mail Service Administration > Exchange Server Configuration**.
5. Take a screenshot and save it.

Saving the Network Information

Copy the network information from the old server. You will need this information when you reinstall the Cisco Unified MeetingPlace Express software.

Procedure

1. Display the network information by using the net command. Enter **net**.

```
This is the MeetingPlace Express network configuration utility.
Up to the point where you save changes, it is safe to hit ^C to get
out at any time, in which case nothing will have changed.
1) List current configuration
2) Configure Ethernet port 1
3) Configure Ethernet port 2
4) Set host names
5) Set domain name
6) Configure DNS service
7) Configure NTP service
8) Done
```

2. Enter **1** to display the current configuration. The following is an example of the output:

```
Primary/audio host name: bounty5
HTTP host name:          bounty5
RTMP host name:          bounty5a
Domain name:             cisco.com
Service bindings:
       Audio:                   port 1 (eth0)
       Web browsing (HTTP):     port 1 (eth0)
       Web conferencing (RTMP): port 2 (eth1)
Port 1 (device eth0):
       IP Address:      10.194.102.60
       Network mask:    255.255.254.0
       Default gateway: 10.194.102.1
       Link setting:    autoneg on
Port 2 (device eth1):
       IP Address:      10.194.102.61
       Network mask:    255.255.254.0
       Default gateway: 10.194.102.1
       Link setting:    autoneg on
DNS Servers:
       171.70.168.183
       171.68.226.120
NTP Servers:
       171.68.10.80
```

3. Copy the information and paste it into a file.

Copying the Files to a Remote Server

Note: You can use your desktop as the remote machine to save all the backed up files.

Procedure

1. Ensure that the files in the /partB/mpe-backup-all directory can be read by entering the following:
   chmod ?R 777 /partB/mpe-backup-all
2. Download the winscp utility, a utility to transfer files, by entering the following:
   http://winscp.net/eng/index.php
3. Use the winscp utility to move the files from Cisco Unified MeetingPlace Express to your desktop.
4. Verify that all the files in the /partB/mpe-backup-all directory are on your remote machine.

Reinstalling the Software

Install Cisco Unified MeetingPlace Express. Insert the DVD into the server and follow the GUI. The system will prompt you for system information. Use the values from Saving the Network Information.

For more information about installing Cisco Unified MeetingPlace Express, see Installing Cisco Unified MeetingPlace Express.

Restoring the Data

Creating a New Folder

First, create a folder to hold the backed up data by following these steps:

Procedure

1. From the terminal, switch to the root user by entering **su-**.
2. Navigate to the /partB folder by entering **cd /partB**.
3. Give the root user full permission to write to the /partB folder by entering **chmod 777 /partB**.
4. Create a new folder by entering **mkdir mpe-backup-all**.
5. Ensure that the new folder has full read and write permissions by entering **chmod 777 mpe-backup-all**

Copying the Files from the Remote Server

Procedure

1. Use the winscp utility to copy all of the files from the remote server to the /partB/mpe-backup-all directory.
2. Sign in as root from the SSH console.
3. Navigate to the /partB/mpe-backup-all directory.
4. Give the root user full access to the files by entering **chmod ?R 777 /partB/mpe-backup-all**.

Importing the Database from the Back Up

Procedure

1. Copy the import script to the /partB directory by entering the following:
   cp $MP_ROOT/database/db-maintenance/database_import.sh .
   Note: Be sure to enter the **.** at the very end.
2. Ensure that the file is executable by entering **chmod +wx database_import.sh**.
3. Stop all the services by entering **mpx_sys stop**.
4. Start the database service only by entering **/sbin/service mpx_db start**.

Saving the Web Conferencing User ID and Password

The web conferencing user ID and password are needed because the import process will overwrite the values.

1. Enter **su -s /bin/bah mpxdb**.

```
$dbaccess meetingplacedb    -  -   <<-!
select breezeuserid, breezepassword from  ?mpxdb?.cssystemconfig;
!
```

Here is the example of the output:

```
Database selected.
breezeuserid    breeze_resrtu@cisco.com
breezepassword  ypglsrdc
1 row(s) retrieved.
Data committed.
Database closed.
```

2. Save the values for the breezeuserid and breezepassword parameters.

Continue to Import the Database

Procedure

1. Change back to the root user by entering **su -**.
2. Navigate to the the root directory by entering **cd /**.
3. Extract the database files by entering the following:
   tar -xvf /partB/mpe-backup-all/mpeExportFolder.tar
4. Verify the database extracted files by entering **ls -l /partB/mpeExportFolder/**.

The system displays the following:

```
total 136
-rw-r--r--    1 informix informix   130486 Nov  2 06:05 dbexport.out
drwxr-xr-x    2 informix informix     4096 Nov  2 06:05 meetingplacedb.exp
```

Under the subdirectory, there are lot of .unl files and one meetingplacedb.sql file:

```
$ ls /partB/mpeExportFolder/meetingplacedb.exp/
axlur00158.unl  cscon00109.unl  csexl00115.unl  csfmo00121.unl  csmtg00131.unl  cspeg00141.unl  cs
csvsr00168.unl      tftps00155.unl   csala00100.unl  cscon00110.unl  csfil00125.unl  csfmp00122.un
cssch00149.unl  csuni00163.unl  datab00174.unl      trigg00175.unl   csapp00101.unl  cscon00111.un
csnet00133.unl  cspom00139.unl  cssch00150.unl  csuse00164.unl  diali00161.unl      tzreg00172.unl
csfma00116.unl  csfms00124.unl  csnot00134.unl  cspor00142.unl  csscs00148.unl  csuse00165.unl  h3
cscap00103.unl  cscrr00105.unl  csfmf00117.unl  csgro00127.unl  csopt00135.unl  cspor00143.unl  cs
licen00173.unl      uigro00169.unl  cscom00106.unl  csdid00112.unl  csfmg00118.unl  csgws00128.unl
csswc00152.unl  csvid00156.unl  local00171.unl  cscon00107.unl  csdid00113.unl  csfmg00119.unl  cs
csswc00153.unl  csvid00157.unl  meetingplacedb.sql  cscon00108.unl  csexl00114.unl  csfmh00120.unl
csrem00147.unl  cssys00154.unl  csvsr00167.unl  sippr00160.unl
```

Finishing the Import

Procedure

1. Navigate back to the /partB directory by entering **cd /partB**.
2. Set full permission on the /partB/mpeExportFolder directory by entering **chmod ?R 777 mpeExportFolder**.
3. Run the script to import the database on the /partB/mpeExportFolder directory by entering the following:
   sh ./database_import.sh meetingplacedb meetingplace_dbs /partB/mpeExportFolder /tmp
4. Reset the specific fields in the cssystemconfig table using the values that you saved earlier. Enter the following:
   su -s /bin/bash mpxdb

```
$dbaccess   meetingplacedb   -   -    <<-!
$ dbaccess meetingplacedb - - <<-!
> update "mpxdb".cssystemconfig  set breezeuserid =?breeze_resrtu@cisco.com?, breezepassword =?ypg
> !
```

NOTE: Enter your values for the breezeuserid and breezepassword parameters! The values above are placeholders and not actual values!

Here is an example of the output:

```
Database selected.
1 row(s) updated.
Data committed.
Database closed.
```

Restoring the Required Files

Procedure

1. Enter **su -** to become the root user.
2. Navigate to the root folder by entering **cd /**.
3. Restore the license files by entering the following:
   tar ?xvf /partB/mpe-backup-all/licenses.tar

4. Restore the afs custom files by entering the following:
   tar ?xvf /partB/mpe-backup-all/afx-custom.tar
5. Restore the mpx-record by entering the following:
   tar ?xvf /partB/mpe-backup-all/mpx-record.tar
6. Restore the SSL files by entering the following:
   tar ?xvf /partB/mpe-backup-all/enrollment.tar

Finishing the Reinstallation

Procedure

1. Using the values you saved earlier, set the SMTP and Exchange Settings in the Administration Center.
2. Reboot the new Cisco Unified MeetingPlace Express server.