

# Run Upgrade Utility on Linux

## Steps to Run Upgrade Utility on Linux

- Navigate to the scripts directory

```
| apache-tomcat-dbsync/scripts
```

As shown below

```
[support_team@ip-172-28-0-252 scripts]$ pwd  
/home/support_team/apache-tomcat-dbsync/scripts
```

Once inside the directory run

```
| ./upgrade-cli.sh
```

```
[support_team@ip-172-28-0-252 scripts]$ /home/support_team/apache-tomcat-dbsync/scripts  
bash: /home/support_team/apache-tomcat-dbsync/scripts: Is a directory  
[support_team@ip-172-28-0-252 scripts]$ ./upgrade-cli.sh
```

After running the above command you will get the following message and will show the latest version available

```
MESSAGE: Please wait while we check for the latest update available.  
MESSAGE: Your DBSync application version is v 7.7.1  
MESSAGE: Your DBSync application version is v 8.3  
Your app version is v7.7.1  
MESSAGE: Latest version available is v8.3  
Do you wish to update[Y/n]?  
Y
```

Type Y if you want to upgrade

Once Y is entered it will take a backup of all your files and folders from the previous version

```
MESSAGE: Your DBSync application is now stopped.  
Setting Backup Directories Now.  
Setting Backup Directories Completed.  
MESSAGE: Creating backup directories now.  
MESSAGE: Created the path: /home/support_team/apache-tomcat-dbsync/BACKUP/TEMP_DIR  
MESSAGE: Downloading the update file now.  
Filename: DBSync_CloudCDM_V8.3.zip  
FileSize: 357.7 MB  
MESSAGE: Downloading the update file to: /home/support_team/apache-tomcat-dbsync/BACKUP/TEMP_DIR/DBSync_CloudCDM_V8.3.zip  
Downloading: 354.92 of 357.7 MB  
MESSAGE: Downloading the file has been completed.  
MESSAGE: Downloading the file has been completed
```

And will create a backup folder

```
[support_team@ip-172-28-0-252 apache-tomcat-dbsync]$ ls  
BACKUP BUILDING.txt  conf  dbsync-cdm  LICENSE  logs  README.md  run-local.cmd  RUNNING.txt  scripts  stop-server.sh  webapi  
bin  cloud-scheduler  CONTRIBUTING.md  lib  log  NOTICE  RELEASE-NOTES  run-local.sh  scheduler  stop-server.cmd  temp  webapps  
[support_team@ip-172-28-0-252 apache-tomcat-dbsync]$
```

Once the process is completed you can check if your tomcat is running or not if not rerun and log in to dbsync  
There you can find all your profile and configurations done on the older version

## Manual Backup

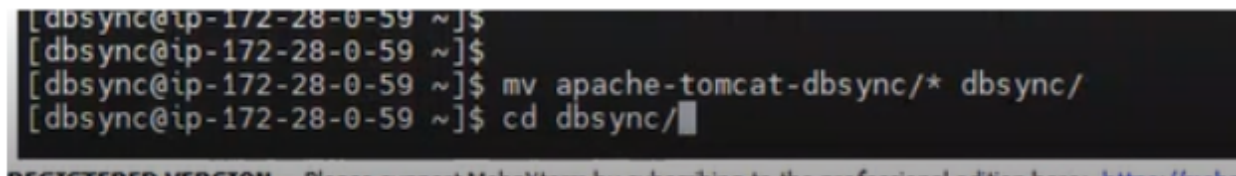
**Note :** If the backup is not created and you see your folders/files missing use the below steps for manual backup

**Do this only if you want to Upgrade Manually or If the script fails to upgrade**

### Moving files from one directory to another

Command:

```
# mv source directory/* destination directory/
```



### Copying from one dir to another

Command :

```
# Cp -r source directory ~/ destination directory
```

### To check if your tomcat is running or not

```
# ps -ef | grep java
```

- Step: To check the logs you can run the command tail -f Catalina.out as illustrated in the screenshot below

```
# cd /home/dbsync/apache-tomcat-9.0.33/logs
```

```
# ls -l
```

Now Tail the logs

```
# tail -f catalina.out
```

The above screenshot shows that the tomcat was running

Step: To access the DBSync Cloud Replication console, please paste the <http://< IP >:8080/dbsync>

Use the <http://localhost:8080/dbsync> URL in your browser address bar, and you will be presented with the DBSync Cloud Replication Home page.

### Take a backup of profiles

- Create a backup directory in the home folder
- mkdir <folder name>
- Go to the following directory /home/dbsync/dbsync/dbsync-cdm/WEB-INF/profiles/1
- Use the below command to copy the files present inside the profiles folder
- cp -r <install-dir>/dbsync-cdm/WEB-INF/profiles ~/<destination folder>/

### Take a backup of Scheduler jobs

- Create a backup directory in the home folder
- mkdir <folder name>
- Go to the following directory dbsync/scheduler
- Use the below command to copy the files present inside the scheduler folder
- cp -r <install-dir>/scheduler ~/<destination folder>/

### Take a backup of System.properties

- Go to the Installation directory

*example*

*(go to the installation directory)*

*`cd apache-tomcat-dbsync/dbsync-cdm/WEB-INF/db/conf`*

- Use the below command to copy the files present inside the conf folder
- *`cp system.properties ~/<destination folder>/`*

#### **Take backup of <database>.properties files**

- Go to the Installation directory

*example*

*(go to the installation directory)*

*`cd apache-tomcat-dbsync/dbsync-cdm/WEB-INF/db/conf`*

- Use the below command to copy the files present inside the conf folder

- `cp -r <database>.properties ~/<destination folder>/`

*Example for MYSQL*

*`cp -r mysql.properties ~/<destination folder>/\`*

**Note: All the backup up folders/files need to be placed at the exact location in the new installation or upgrade location**