



BACKING UP AND RESTORING THE DATABASE AND SOFTWARE COLLECTIONS IN AVALANCHE MC 4.1

This document provides instructions for backing up and then restoring the Avalanche MC 4.1 database and software collections.

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OVERVIEW

This document provides the following information:

- Overview
- Backing Up the PostgreSQL Database
- Backing Up the Software Collections
- Restoring the PostgreSQL Database
- Restoring the Software Collections
- Document History

OVERVIEW

When performing regular Avalanche MC backups or when uninstalling Avalanche MC, you need to back up both the PostgreSQL database and the software collections. If for any reason these are deleted or corrupted, you will be able to restore them from the backup files.

You must back up the PostgreSQL database and software collections at the same time. If you do not back them up at the same time, software collections will be out of synchronization with the database and you will be unable to restore them.

The following information is included in this section:

- Backing Up the PostgreSQL Database
- Backing Up the Software Collections
- Restoring the PostgreSQL Database
- Restoring the Software Collections
- Document History

BACKING UP THE POSTGRESQL DATABASE

The PostgreSQL database for Avalanche MC should be backed up regularly. You should also plan to back up the database before uninstalling Avalanche MC for any reason. This section provides information about extracting the information from the database and saving it to a backup directory.

You should create a backup directory before using this procedure. Use the same directory for storing the PostgreSQL database backup and the software collections backup.

To back up the PostgreSQL database:

1. From the **Start** menu, select `Programs > Accessories > Command Prompt`.

The command prompt appears.

2. Type `cd\Program Files\Wavelink\AvalancheMC\db\bin` and press the `Enter` key.

The following prompt appears: `C:\Program Files\Wavelink\AvalancheMC\db\bin>`.



3. Type `pg_dump -c -U postgres amc41 > [location of your backup directory]\backup.sql` and press the `Enter` key.

The information is extracted from the database and saved as `backup.sql` in the backup directory.

BACKING UP THE SOFTWARE COLLECTIONS

The software collections for Avalanche MC should be backed up regularly. You should also plan to back up software collections before uninstalling Avalanche MC for any reason. The software collections and the PostgreSQL database must be backed up at the same time to prevent synchronization errors. If changes are made in-between backing up the database and backing up the software collections, you will not be able to restore your software collections.

You should create a backup directory before using this procedure. Use the same directory for storing the PostgreSQL database backup and the software collections backup.

NOTE: This section contains instructions on using WinZip to compress the software collections. If you choose to use another compression method, refer to the appropriate User's Guide.

To save software collections to a backup directory:

1. Open Windows Explorer and navigate to `Program Files > Wavelink > AvalancheMC`.
2. Right-click the **avapackages** folder and select `Winzip > Add to Zip file`.

The *Add* dialog box appears.

3. Type the location of the backup directory in the **Add to archive** text box and click `Add`.

The software collections are zipped and saved in the backup directory.

RESTORING THE POSTGRESQL DATABASE

Once the information in the PostgreSQL database has been saved in your backup directory, you can restore the information to Avalanche MC.

If there is any information in the database that was not backed up, it will be replaced when the database is restored.

To restore the PostgreSQL Database:

1. From the **Start** menu, select `Programs > Accessories > Command Prompt`.

The command prompt appears.

2. Type `cd\Program Files\Wavelink\AvalancheMC\db\bin` and press the `Enter` key.

The following prompt will appear: `C:\Program Files\Wavelink\AvalancheMC\db\bin>`

3. Type `psql -d amc41 -U postgres < [location of backup directory]\backup.sql` and press the `Enter` key.

The information in the backup file is restored to Avalanche MC.

RESTORING THE SOFTWARE COLLECTIONS

Once the software collections have been saved in your backup directory, you can restore them to Avalanche MC.

To restore the software collections:

1. Open Windows Explorer and navigate to your backup directory.
2. Right-click on `avapackages.zip` and select `WinZip > Extract to....`
The *WinZip Extract* dialog box appears.
3. Type `C:\Program Files\Wavelink\AvalancheMC` in the **Extract to** text box.

-Or-

Use the tree to navigate to `Program Files > Wavelink > Avalanche MC`.

4. Click `Extract`.

The software collections are restored to Avalanche MC.

DOCUMENT HISTORY

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