



MIGRATING FROM AVALANCHE MC 4.2 TO AVALANCHE MC 4.4

This document provides instructions for migrating to Avalanche MC 4.2.

This document provides instructions for migrating Avalanche Mobility Center (Avalanche MC) 4.2 to Avalanche Mobility Center 4.4.

OVERVIEW

This document contains the following sections:

- Overview
- Backing Up the PostgreSQL Database
- Backing Up the Software Collections
- Installing Avalanche MC 4.4
- Components Migrated
- Document History

OVERVIEW

You can install Avalanche MC 4.4 without manually uninstalling previous versions of Avalanche MC. The 4.4 installation removes the previous version of Avalanche MC and migrates your database and software collections to the new version. The database and software collections are automatically backed up before the previous version of Avalanche MC is uninstalled.

NOTE: Although the database and software collections are backed up automatically during the migration, this document includes instructions for manually backing up the data base and software collections.

This document provides the following information:

- Backing Up the PostgreSQL Database
- Backing Up the Software Collections
- Installing Avalanche MC 4.4
- Components Migrated
- Document History

BACKING UP THE POSTGRESQL DATABASE

The PostgreSQL database is automatically backed up during migration. You can also back up the database manually. This section provides information about manually backing up the database.

The PostgreSQL database for Avalanche MC should be backed up regularly. Plan to back up the database before uninstalling or upgrading to a newer version of Avalanche MC. If for any reason the database is deleted or corrupted, you can restore it from the backup files.

The PostgreSQL database and software collections must be backed up at the same time. If you back up your database, make changes to the software packages, then back up the software collections, you will be unable to restore your software collections because they will be out of synchronization with the database.

NOTE: 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 prompt should appear: `C:\Program Files\Wavelink\AvalancheMC\db\bin>`.

3. Type `pg_dump -c -U postgres amc42 > [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

Software collections are automatically backed up during migration. You can also back up software collections manually. This section provides information about manually backing up software collections.

The software collections for Avalanche MC should be backed up regularly. Plan to back up your software collections before uninstalling or upgrading to a newer version of Avalanche MC. If for any reason the software collections are deleted or corrupted, you can restore them from the backup files.

The PostgreSQL database and software collections must be backed up at the same time. If you back up your database, make changes to software packages, then back up the software collections, the software collections will be out of synchronization with the database and will not migrate properly.

NOTE: 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 process uses WinZip to compress the software collections. If you choose to use another compression method, refer to the program user guide.

To save backup software collections:

1. Open the **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.

INSTALLING AVALANCHE MC 4.4

You can install Avalanche MC 4.4 without manually uninstalling previous versions of Avalanche MC. The 4.4 version uninstalls any previous versions of Avalanche MC that it discovers.

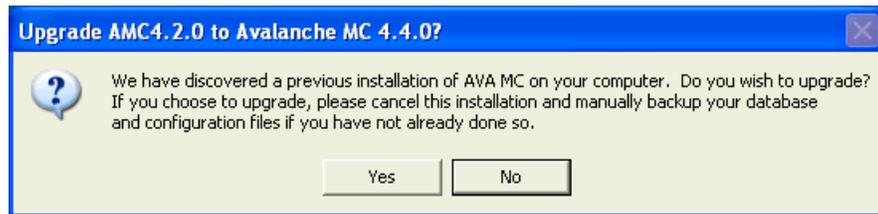
After the installation is complete, a log file called `migration.log` is placed in the default installation directory. This log file contains details of the migration and the components migrated.

NOTE: Once you install Avalanche MC 4.4, you may need to obtain new licensing based on your Mobile Device and Infrastructure licenses. Contact Wavelink Customer Service at 1-888-697-9283 for more information.

To install Avalanche MC 4.4:

1. Download the Avalanche MC 4.4 installation file from the [Wavelink Web site](#).
2. Double-click the file to start the installation process.

The InstallShield Wizard appears and the *Upgrade AMC 4.2.0 to Avalanche MC 4.4.0* dialog box appears asking if you want to upgrade your Avalanche MC version.

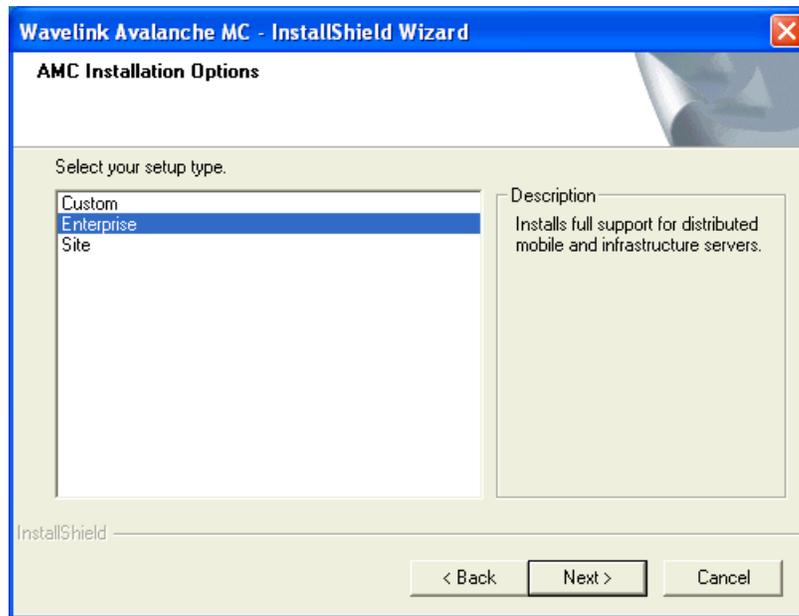


Upgrading Avalanche MC

3. Click **Yes**.
- A *Welcome* dialog box appears.
4. Click **Next** to continue the installation process.
- The *License Agreement* dialog box appears.
5. If you agree with the terms of the License Agreement, click **Yes**.

NOTE: If you do not click **Yes**, you will not be able to complete the installation process.

The *Installation Options* dialog box appears.



Setup Type

6. Select which installation type you want to install.
 - **Custom.** Allows you to select the different components you want to install.
 - **Enterprise.** Installs support for Mobile Device dServers and Infrastructure dServers.
 - **Site.** Installs one Mobile Device dServer on the local machine.

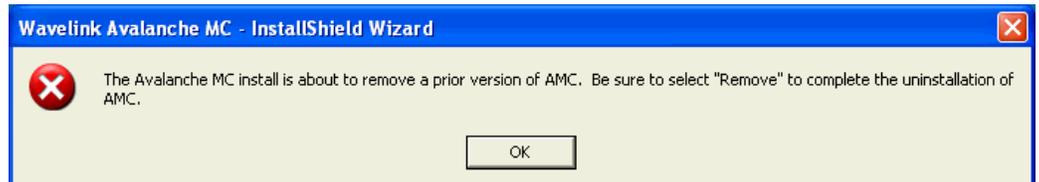
7. Click **Next**.

The *Choose Destination Location* dialog box appears.

8. Click **Next** to accept the default installation folder, or click **Browse** to navigate to a folder of your choice. After you select an installation folder, click **Next** to continue the installation process.

The installation begins and may take several minutes.

A dialog box appears reminding you to remove the previous version of Avalanche MC.



Wavelink Avalanche MC - InstallShield Wizard

9. Click **OK**.

A dialog box appears reminding you to remove your database.

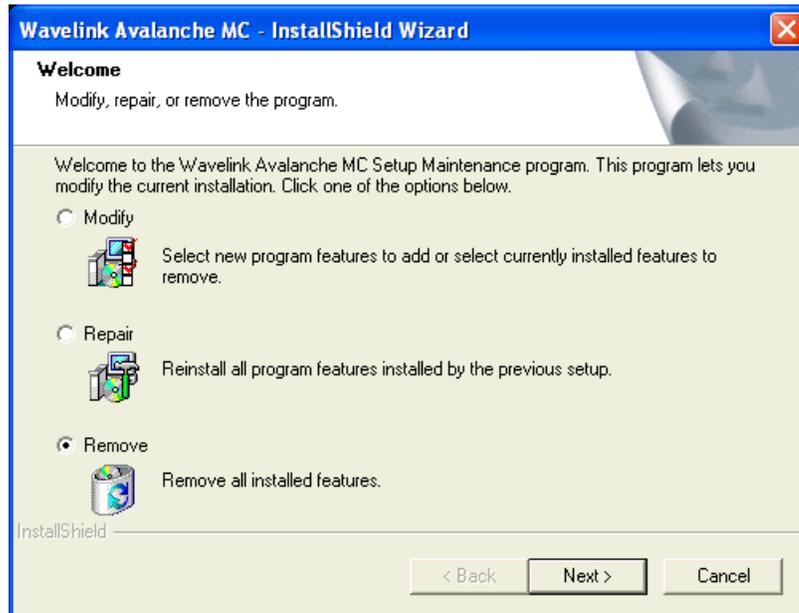
NOTE: Removing the database upgrades the PostgreSQL database to version 8.1.



Wavelink Avalanche MC - InstallShield Wizard

10. Click **OK**.

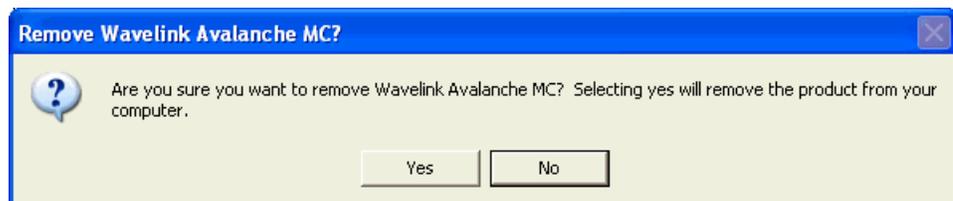
A *Welcome* dialog box appears.



Remove Avalanche MC

11. Select the **Remove** option and click **Next** to remove the previous version of Avalanche MC.

The *Remove Wavelink Avalanche MC?* dialog box appears asking if you are sure you want to remove Avalanche MC.

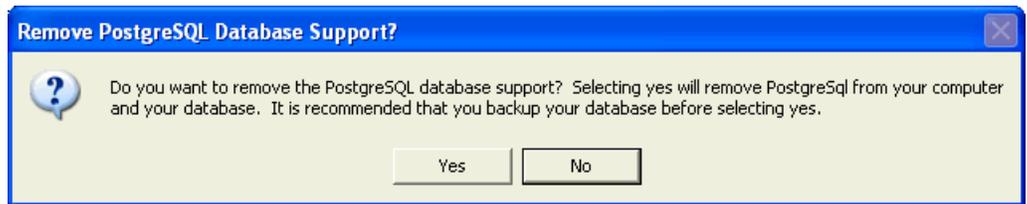


Remove Wavelink Avalanche MC? Dialog Box

12. Click **Yes**.

NOTE: This removes the previous of version of Avalanche MC.

The *Remove PostgreSQL Database Support?* dialog box appears asking if you want to remove the PostgreSQL database.



Remove PostgreSQL Database Support? Dialog Box

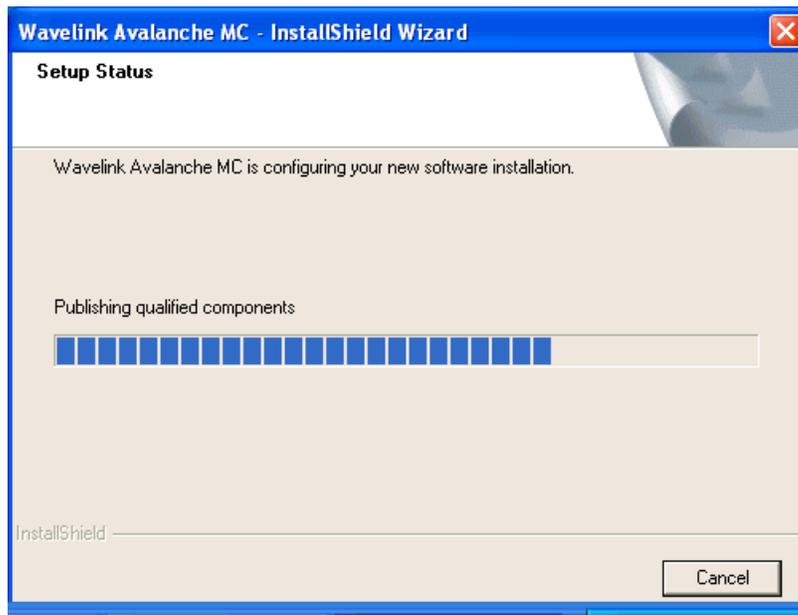
13. Click **Yes** to upgrade to PostgreSQL 8.1.

Click **No** to retain the older version of the database.

Avalanche MC and the database are removed and the uninstallation is complete.

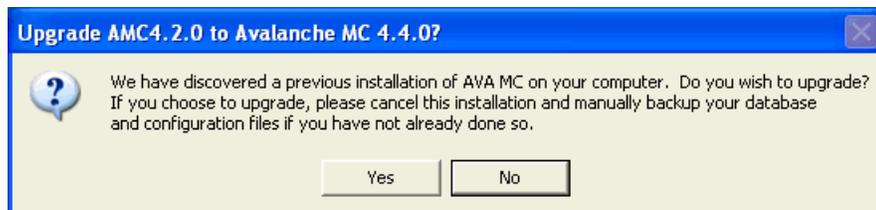
14. Click **Finish**.

Avalanche MC 4.4 begins to install. The *Setup Status* dialog box appears.



Setup Status

Avalanche MC 4.2 and PostgreSQL are installed and the following dialog box appears.



Upgrade AMC 4.2.0 to Avalanche MC 4.4.0

15. If you have a back up file you wish to migrate, click **Yes** to locate and import the file.

If you do not have a back up file, click **No** to continue the installation.

The `migration.log` file appears just before the installation is completed. This file is for informational use and can be reviewed or closed at your discretion.

16. When the installation is complete, click **Finish**.

Once the installation is complete, you should activate this installation of Avalanche MC for your network. For more information about activating Avalanche MC, refer to *Wavelink Avalanche Mobility Center User's Guide*.

NOTE: If you are migrating to Avalanche MC Enterprise, you must create new dServer packages and deploy them to any dServers previously created in Avalanche MC 4.2. For Infrastructure dServers, you must create the full deployment package, not the lightweight version. For more information about creating and deploying dServer packages, refer to the *Wavelink Avalanche MC User's Guide*.

COMPONENTS MIGRATED

Review the `migration.log` file located in the default installation directory for a complete list and details of all components migrated.

The following components are migrated:

- Users and Permissions
- Regions
- Alert Profiles
- Infrastructure Profiles
- dServer Locations
- Infrastructure dServer Profiles
- Event Log
- Network Profiles
- Software Profiles
- Firmware
- Mobile Device Groups

DOCUMENT HISTORY

- 11/25/2007. Document created.



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