



EdCube for Windows – Installation

EdCube Server

1. Login as an administrator on the computer that is to act as the EdCube server, then locate and double-click the `EdCubeServerInstaller.exe` file that came with your EdCube software and it will launch the installer. Follow the prompts to install the software.
2. The installer places all the necessary server files in `C:\Program Files\EdCubeServer` (where C: is denotes the drive where Windows 2003 is installed).
3. Open up the Command Prompt via Start -> Programs -> Accessories, and type:

```
cd C:\Program Files\EdCubeServer\tomcat\bin
```

Then hit Enter. Now type:

```
EdCubeServer.bat
```

Once you hit enter this will start the EdCubeServer at the command line, and after a few moments you will see a final prompt that reads something similar to:

```
INFO: Server startup in 8162 ms
```

Congratulations, the Server is now running. We now need to stop the server and start doing some configuration. To stop the Server use the keystroke CTRL C, and when asked about terminating the batch job hit the "y" key and Enter. The Server is now stopped.

4. Via the desktop, navigate your way to `C:\Program Files\EdCubeServer\conf`, and in this directory is a file called `server.properties`. Open this file using Wordpad or some other text editing application. (Note that Notepad may not render this text file properly.)
5. You should see an entry in this file about 7 lines down that reads:

```
#  
# Define the ip range of the LAN subnet:  
#  
lan.first=127.0.0.1  
lan.final=127.0.0.1
```

We need to tell the EdCube Server something about the network it is connected to so that it can secure itself from connections from outside the school. The first IP address should represent the beginning address of the subnet in use in the school, and the second address the ending address of the subnet. For example, if your IP addresses are in the range 192.168.1.1 – 192.168.1.255 you would edit this file to read:

```
#  
# Define the ip range of the LAN subnet:  
#  
lan.first=192.168.1.1  
lan.final=192.168.1.255
```

Alternatively, if your IP addresses are in the range 10.77.5.1 – 10.77.6.255 you would replace this entry with:

```
#
# Define the ip range of the LAN subnet:
#
lan.first=10.77.5.1
lan.final=10.77.6.255
```

6. You may also optionally specify the path to where the EdCubeServer should store the student resources that have been inserted into the portfolios. This resources folder can grow to quite a large size depending on the amount and size of the material that had been incorporated. So it may be useful to locate this directory on a separate, dedicated hard drive. Towards the end of the file you will see an entry that reads:

```
#
# Path to the resources directory - leave blank for default, otherwise
# specify full path.
# Note that you must use forward slashes as the file path separator,
# EVEN ON WINDOWS.
# eg. OSX: resource.directory=/Volumes/Data HD/EdCubeServer/resources
# eg. Win: resource.directory=G:/Data/EdCubeServer/resources
#
#
resource.directory=
```

As the instructions indicate, if you leave the entry blank the default location will be used at C:\Program Files\EdCubeServer\resources. If you specify a path, then that path will be used instead. NOTE THAT EVEN ON WINDOWS YOU MUST SPECIFY THE PATH USING FORWARD SLASHES.

(It is possible for an installation to start out using the default resources directory, and later move it to another location. In this event firstly stop the EdCubeServer service using the Windows 2003 server Services tool. Then move the file to its new location and edit the `server.properties` to reflect this. Then start the EdCubeServer again using the Services tool.)

7. Now back to the Command Prompt. Again navigate to the C:\Program Files\EdCubeServer\tomcat\bin directory, then type:

```
EdCubeServerInstall-NT.bat
```

This command will install the EdCubeServer software as an NT-style service, so it can be controlled via the Services tool.

8. Open up the Services tool via Start -> Programs -> Administrative Tools. In the list of services locate the "EdCube Server" service and make sure its Startup Type is set to Automatic. Select the "EdCube Server" service, then click "Start" (upper-left of window) to start the Server.
9. As a final check to ensure all is behaving as it ought, restart the Windows 2003 server. Then after the computer has rebooted, login and check the services tool to make sure the "EdCube Server" service has automatically started. You are now ready to install the EdCube Client software.

EdCube Client

1. Login as an administrator on a client computer, then locate the `EdCubeInstaller.exe` file. Also locate the `QuickTimeInstaller.exe` file that came with the EdCube software, or obtain it from Apple's QuickTime website (a free download) at:

<http://www.apple.com/quicktime/>

(Note that you do not need the "Pro" version of QuickTime for the EdCube software.)

2. Double-click the `EdCubeInstaller.exe` file and it will run the installer. The installer places its files in `C:\Program Files\EdCube`, as well as placing an item in the Start menu (under Programs) and creating an uninstaller.
3. Double-click the `QuickTimeInstaller.exe` file and it will run the QuickTime installer. Note that even though you may have QuickTime already installed on the client computer, the EdCube client software requires the latest QuickTime release (currently QuickTime 7).
4. Even though there will be no dialog box requesting this, it is a good idea to restart the computer at this stage.
5. Once the computer has rebooted and you have logged back in, launch the EdCube via Start -> Programs -> EdCube, and after a moment you will receive an error indicating the EdCube could not connect to the server. This is because the correct server address has not yet been entered.
6. Clear the dialog and select File -> Preferences from the menu items. Then enter either the IP address or hostname of the computer that is hosting the EdCubeServer. For example:

<http://edcube.myschool.vic.edu.au:8080/>

Or:

<http://192.168.1.10:8080/>

Then click save.

7. Select File -> Reload Server from the menu items, and this should connect the client to the EdCube Server.
8. If this is the first time that you have installed the EdCube Client software on the network, then we now need to configure the Administration account and then configure or create any Teacher and Student accounts. Select File -> Mode -> Administrator from the menu items, and authenticate using:

Username: admin
Password: admin

We are now logged in as an administrator.

9. Expand the "Administrators" node in the browser on the left-hand side of the EdCube window. Click on the "Administrator" account, then select Administrator -> Update Item. A dialog box appears that you can use to update the credentials of this account. Please ensure that you use a reasonably secure username and password for this account, as it provides full administrative access to the EdCubeServer.
10. Similarly you can use the Administrator menu items to add, update or remove items (Administrators, Teachers, Groups, Students and Portfolios) from the EdCube browser. At the very least at this stage you should update the existing default Teacher and Student accounts with reasonably secure usernames and passwords.
11. Once you have completed these administrative duties make sure you logout (either using the Logout button located at the top right of the window, or via the File -> Logout menu item), or Exit the EdCube altogether.

EdCube Client – Server Additional file extension installation – Windows

If you are upgrading your EdCube Client and EdCube Server to accept new file extension, please read through instructions below.

1. Stop the EdCube Server. If EdCube Server is installed and running as Windows service, stop the service.
2. Locate EdCube Server installation/application folder, it is normally installed under **Program Files/EdCubeServer**. Please note that Windows 64 bit uses different folder name.
3. Copy the “client.properties” file obtained from the website into **Program Files/EdCubeServer/conf** folder. Please ensure that this file is named “client.properties”.
4. Restart EdCube Server.
5. Uninstall EdCube Client and reinstall new EdCube Client.