



Installation: Network Guide for Clarity Programs

Network Guide

Where can I install to on the network?

You can use mapped drive letters (X:\) or full UNC paths (\\server01\apps) to specify the folder you will install to. If you use a mapped drive letter, all learners using client computers will need the same mapping.

What permissions do I need to give users?

All users on the network require read and execute access to most files and folders, except the database which requires full rights. If you have Author Plus, teachers also need permission to write to the content folder when they are creating new material.

You can install and give everybody full rights, which is quick but doesn't stop accidental or deliberate changing of files. It is better to use a group policy to get finer control between teachers and learners.

These notes assume that you have completed the installation from the CD and have the program installed in a folder on your server, and that the server folder is called **\\server01\apps\Clarity**.

Option 1 – very little security

From Windows Explorer, right click on **\\server01\apps\Clarity** and choose **Sharing and security...**

On the **Sharing** tab choose **Share this folder**. The share name should be the same as the folder name. Click the **Permissions** button. With the Everyone group selected, click **Change** and **Read** so that they are ticked. Click **OK**.

Option 2 – protects against accidental changes, assumes no authoring

From Windows Explorer, right click on **\\server01\apps\Clarity** and choose **Sharing and security...**

On the **Security** tab click on the Everyone group. Make sure that **Full Control** is ticked. Click **OK**.

From Windows Explorer select all the folders within **\\server01\apps\Clarity**, except the Database folder, right click and choose **Properties**.

With the Everyone group selected, click the **Advanced** button. From this Advanced settings window, again select Everyone and click **Edit**. Now choose to **Deny** all rights except those for reading and executing.

Option 3 – with authoring

You have to have your learners in one Windows User Group and teachers in another. For the learners group you will do exactly as you did with Everyone in Option 2. Then repeat with the Teachers group but skipping the Content folder as well as the Database folder when you are denying the rights.

Permission setting notes:

The *inverted* technique of giving full permission at the top folder and then denying it to some lower folders works with Windows 2003 server as well as earlier versions of Windows. If you give read permissions at the top and then add write permissions lower, Windows 2003 does not respond.

When you are using advanced permission settings, you might have to break the inherited permissions before you can set specific permissions. This is done with the check box on the Advanced settings panel.

An internet search for **Windows network permissions** will give you links to more information, including documentation from Microsoft.

Can I move a folder after installation?

The Clarity programs all use a file called location.ini to pick up the relative paths of different parts of the program. If you move all or part of a program, you can simply edit this file to reflect your new paths. There only entries in the registry are the uninstall paths, which will get broken if you move the main folder.

What database is used?

The programs use a database (Access format) to hold progress and licence data. The programs communicate with the database using standard Microsoft DAO components. These are not installed as they part of all versions of Windows supported by Microsoft. This database is a bottle neck and can only reliably work with around 30 concurrent users. The database has an internal password of **ClarityDB** if you want to open it with Microsoft Access.

If you have performance problems or have a large number of concurrent users, then please consider running a webserver version of the program instead which can work with SQLServer or MySQL. Please contact Clarity for more details at support@clarity.com.hk

Support

Technical support

If at any time you have any queries, please do not hesitate to contact our Technical Support team:

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