Scientific & Educational Software

Clone Manager

Network Administrator Tools

A network administrator's toolkit is now included with Clone Manager 9. These administrator tools will help you to install the software, turn on token logging, monitor tokens in use, and trouble-shoot problems you may encounter running the network edition of Clone Manager. (Program update 9.1 is required for full functionality.)

You can also preset some important user settings by adding user configuration settings to the Clone Manager configuration (.ini) file or by using Group Policy. You can select which method to use but should not make user configuration settings with both methods.

The Clone Manager network administrator tools are installed in the SciEdLicense folder under Program Files.

License Admin program   run SELicenseAdmin.exe*

The license administration utility shows the serial number, concurrent key number and description of each license currently being administered. In the event that you purchase an incremental addition to your license, you will use this utility to modify your user count and concurrent key number.

You can use LicenseAdmin to turn on logging of token use and arrange to collect client information. Click the Log Options button to set the option to turn on logging of token use to monthly log files. Each log reports token TimeStamp (date and time), Username, Time used (in seconds), Computer name and IP address. Set the Client Information check box to enable the server to request the user and computer name of each client asking for a token. Log files (TokensYYYY_MM.log) are written to the Log folder in tab-delimited format.

Click the Discovery button if you have users on different subnets and you need to bypass the automatic discovery process for the Clone Manager license server and lock all users to the specific server IP address.

Note: when running the SELicenseAdmin program, you should right-click and select Run as Administrator so that you will have the ability to make changes to the license service.

License Status program   run LicenseStatus.exe

The License Status program allows you to determine who is currently using network Clone Manager tokens, provides a snapshot of token use since the last service restart, and gives you the ability to kill a token, when required.

When the program starts, it will automatically attempt to find a license server and complete the data fields. If the license server cannot be found or if the Server IP Address or License ID are not correct for the license you need to check the status on, click the Edit button and enter the appropriate values. Use the Refresh button if you want to update the token usage statistics and the listing of Active Sessions.

If you believe a token shown in the Active Sessions list is not actually in use (it is a 'lost' token), you can select this entry and use the Kill Token button to terminate this user session and recover the lost token. If the token is still in use, the user will have a short time to complete work before exiting the program.

Network Diagnostics program   run NetDiag.exe

This application can be run on either the main license server or on client computers in order to assist in identifying and resolving errors that prevent the network concurrent license working.

The application automatically runs an analysis when started. The Server test set will test for correct installation and operation of the licensing service component. The Client test set will test for correct installation of executables and file associations. The Test Set option buttons (lower left) are preselected based on the nature of the host operating system. If the setting is not correct, set the correct option by clicking with the mouse.

If an item has a problem, a caution symbol (yellow triangle warning icon) will appear to the left of the item. Select this item and click the Advise button to view a popup message box providing more information about the problem and possible remedies. The Clipboard button allows you to copy the data in the main window so that you can paste it into an email to send to us for further analysis when needed.

User Configuration File Editor   run UserConfig.exe

This program will allow the network administrator to preset Clone Manager user configuration settings by adding this information to the Clone Manager configuration (.ini) file. Settings include user's home directory, default file format, shared resource location, author and repository information. (This is an alternative to using group policy to make these user configuration settings.)

You can set the checkbox for each user configuration setting you want to enable. For each setting, select the option or enter the location required. If you do not want individual users' preference settings to override your values, set the Lock checkbox to the right of the item. Detailed information about each configuration setting can be found in the document CM_UserConfig.pdf (accessible from the program using the Open Help Document button at the lower left).

Group Policy Implementation/Deployment

The network administrator can use Group Policy to configure client computers for file associations and shortcuts, copy user documentation, install tutorial files, and install local compiled help files. The use of Group Policy for these functions eliminates the need for users to run the Client.exe program before first Clone Manager use. You can also use group policy to preset user configuration settings. (This is an alternative to using the configuration (.ini) file to make these settings.)

SetupComputer.msi
        Group Policy for Computers, Software, Assigned
        Configures client computers for file associations and menu shortcuts and copies user
        documentation (pdf) files and compiled HTML help.
        Detailed information can be found in the document CM_SetupComp.pdf.

CloneManager.adm
        Group Policy for Users, Administrative Templates
        Configures user preference settings such as paths for sharing and repository file formats.
        Do not use if these settings have been added to the configuration (.ini) file.
        Detailed information can be found in the document CM_SetupPrefs.pdf.