Sci Ed Software

Clone Manager 11 – Network Edition for Concurrent Use

Installation Instructions for Network Administrator

The Clone Manager Network Concurrent license is the way to share use of the Clone Manager program among multiple users on your network. It consists of two parts: a license administration service running on a server and the client Clone Manager program running on users' computers. During installation, the network concurrent license service is installed and initially configured with a 30-day, 5-user Professional edition evaluation license.

There are three important events that occur during installation:

1. The license service and network administrator tools are installed by default into 'C:\Program Files (x86)\SciEdConcurrent11'
2. A firewall rule is created to allow client computers to connect to this license service and request user tokens to enable Clone Manager to run.
3. The license service is installed and started. During startup the service will check for valid licenses. If an older generation of our concurrent license service is found, the prior version will be stopped and its functions taken over by our newer generation service.

Install the server component

- Download the Clone Manager 11 Server Setup installer from our website:
  Go to https://scied.com and click on the Downloads tab.
  In the section Download Instructions for Network Concurrent License administrator,
  click on the link CM11ServerSetup.msi (near bottom of page)
- Run the installer on your server.

The server is now configured with default settings which will be optimal for the majority of installations and easy for your users to connect to. If your network is complex, there are advanced configuration options available (see below). At this point the server is ready for use. Clients can install the Clone Manager software on their computers (see last section) and should be able to connect and get user tokens to run Clone Manager.

Review the server firewall (optional) -- The installer will create a firewall rule to enable clients to communicate with this server. If you would like to review the settings, you can open the security firewall app on your server and confirm, or adjust, the following settings:

> Display Name of rule: Sci Ed Concurrent 11 license service.
> Scopes: Domain, Private and Public
> Allow all access for program: CMNetService11, installed by default in 'C:\Program Files (x86)\SciEdConcurrent11'
> Protocols: TCP and UDP

Confirm correct configuration (optional) -- At this point you may want to run the diagnostics tool CMNetDiags11. It should show that all systems are correctly configured. You can also copy the program to a USB key (or a network share) and run the program from a client computer. In this case it should report that your license server was correctly discovered and that communication can issue and release

user tokens. Any problems that you find should be resolved. The most likely reasons are that the firewall is not configured correctly or your server is not on the same subnet as your clients.

Activate your concurrent license

The license service is initially configured as an evaluation license that will expire in 30 days. If you already have a license, or if you purchase a new license, you will need to activate your license so that it becomes a permanent license.

Run the network administrator tool CMNetAdmin11 and click the 'Activate' button. Enter the license details from the email you were sent when you bought the license. Your license should now update to the correct values based on your license and should show a status of 'active'. If you have not already done so it is a good idea to register your license now.

Run the network administrator's tools

When you need to make changes to your concurrent license (e.g. transfer a license to a different server or use advanced configurations) you will use the CMNetAdmin11 program. This program shows you the status of your license(s) and allows you to make necessary changes. If you encounter a problem with users being unable to run Clone Manager on their computer, the diagnostics program (CMNetDiags11) can be run on both the server and the client computer that has a problem. It will help to show where the problem is and can provides tips on resolving the problem. The third tool is the license status reporter (CMNetStatus11). This program will show you who is using Clone Manager, together with some statistics such as the maximum number of user tokens issued concurrently. Also important is the number of tokens denied which indicates that users wanting to run Clone Manager could not do so because you have reached the limit of your concurrent license.

Install Clone Manager on users' computers

The Clone Manager program should be installed on the computer of each person that you want to be able to run Clone Manager. There is no limit to how many computers you can install Clone Manager on, but only the licensed number of users can actually be using Clone Manager at the exact same time.

- Have your users download the Clone Manager 11 Setup installer from our website:
  Go to https://scied.com and click on the Downloads tab.
  click on the link CM11Setup.msi
- Have the user or an administrator run the installer on their computer.

During installation, the Clone Manager program is installed together with various data files that are necessary for Clone Manager to run correctly. Program shortcuts are installed on the desktop and start menu. Also configured are file associations which enable users to start Clone Manager by double-clicking on a Clone Manager file in File Explorer. (In some cases, file associations may not be correctly set. Running the diagnostics utility CMNetDiags11 on the client computer will identify any problems.)

Users can run Clone Manager using either the start menu or desktop shortcut. The first time Clone Manager is run, the user will be asked to configure the license to use. Users should select the option to Join a Concurrent Group. We recommend that you use the default configuration and do not enter any changes, but simply have users select 'Next'. If your network is complex, and the network administrator has configured the concurrent licensing service with advanced options, users will need to enter the settings that match how the server was configured. Users should now get a message that they are connected to the licensing service and will have full use of the Clone Manager program covered by your network concurrent license.