

CYMPHONIX™

Network Composer™

LDAP Admin Guide



CYMPHONIX™

Introduction

With the Version 6 release, Network Composer now has the ability to work with LDAP servers to identify users and their data using existing profiles. The LDAP integration is created by running a script file (cymphonix.exe) during the logon process. This script then stays active on the client PC during the session and records the user's information in conjunction with the policies the Network Composer administrator has set. The logon script needs only to be installed on the LDAP server — NOT on every client individually. By placing the cymphonix.exe file in the appropriate folder you will create a setting that will run the cymphonix.exe file every time a user logs in. The Cymphonix LDAP integration currently only works on client workstations running the Windows operating system. **Note:** For instructions on installing the Cymphonix LDAP client in LDAP servers other than Microsoft's Active Directory or for information on including the cymphonix.exe LDAP client in a .bat file please see the **Special Notes** section.

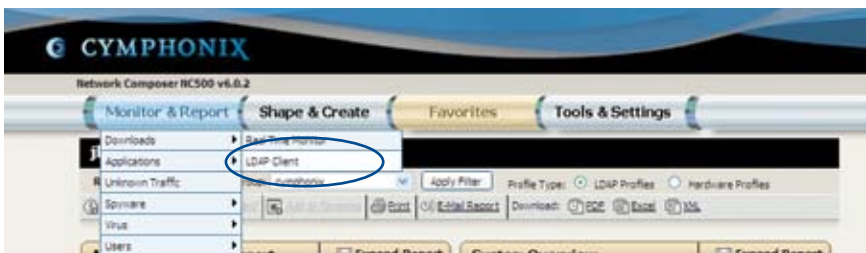
For this install you will need:

- Administrator rights to the server on which **Active Directory** is running
- An installed Cymphonix Network Composer
- The **IP address** and Administrator **User Name** and **Password** for the Cymphonix Network Composer

Step 1

Download Cymphonix LDAP Client

- Log into the Network Composer and download the LDAP Client by selecting: **Monitor & Report / Downloads / LDAP Client**



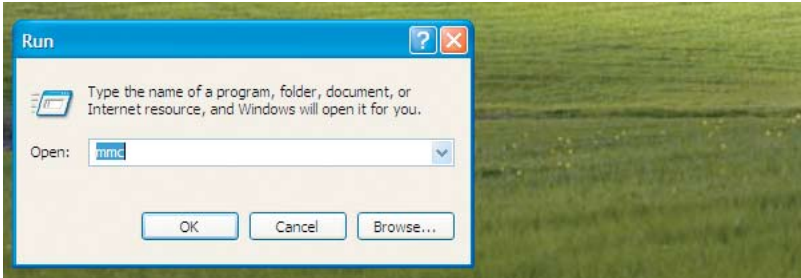
- Save the file (**cymphonix.exe**) to your workstation where it can be easily found (your desktop for example) for later use.

Step 2

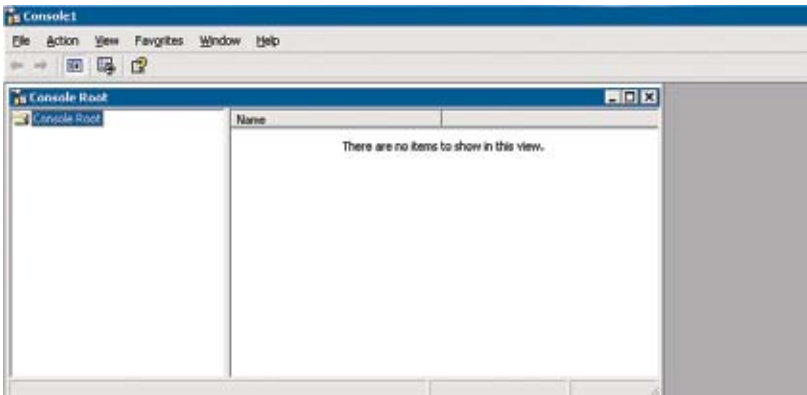
Log Into Your LDAP Administration Program

Note: The screen shots pictured in this guide are set for Microsoft's Active Directory

- Go to your Start menu and select "**Run...**"
- In the Open field, type **mmc** (for Microsoft Management Console), then click "**OK**".



Your screen should now look like this:



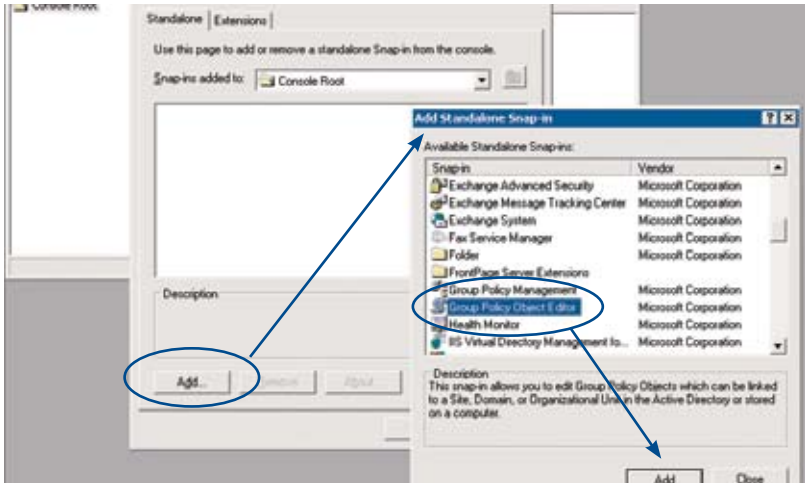
Step 3

Add a Group Policy Object Editor

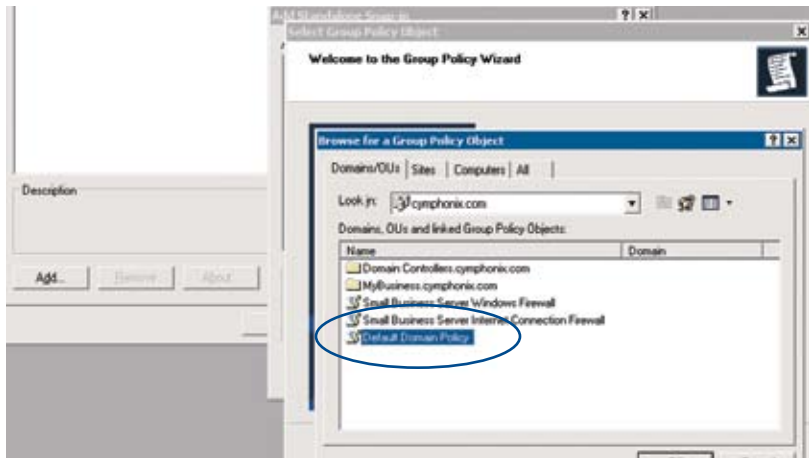
- In the **File** menu select **Add/Remove Snap-in**. The Add/Remove Snap-in dialog box will appear:

Note: Make sure the Snap-in will be added to the Console Root

- Click the "**Add...**" button.



- When the “**Add Standalone Snap-In**” dialog box appears, scroll down and select “**Group Policy Object Editor**” and click “**Add**”. This will launch the “**Group Policy Object Wizard**”.



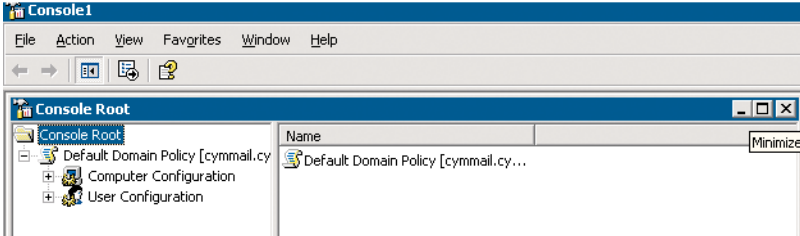
- You want to set the Group Policy Object for the Default Domain so press the “**Browse...**” button and select “**Default Domain Policy**”, then click “**OK**”.
- Click “**Finish**” on the “**Add Group Policy Wizard**” and close the “**Add Standalone Snap-in**” dialog box. Click “**OK**” on the “**Add/Remove Snap-in**” dialog box.

You will now be looking at the MMC screen with the Console Root Folder above the new Default Domain Policy you have just added.

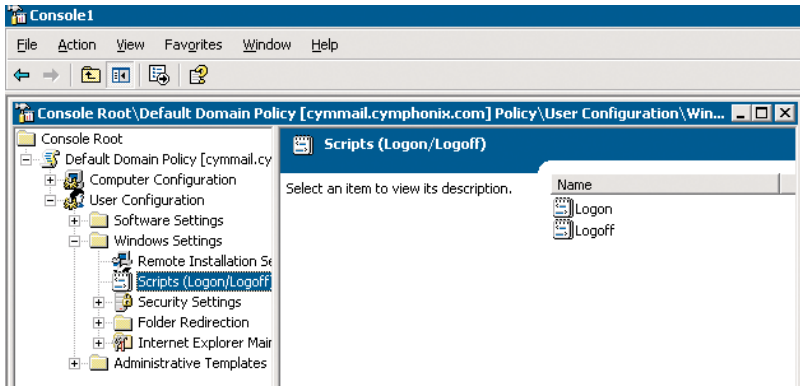
Step 4

Add the Cymphonix LDAP client to the logon script

- Next to the **Default Domain Policy**, click the **+** to expand the options. Your screen should look like this:

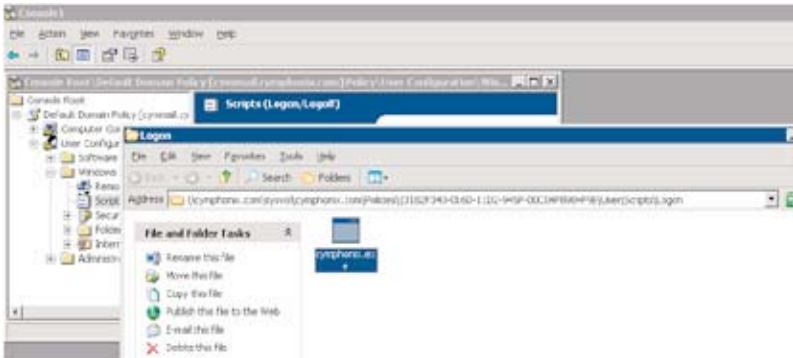


- Click the **+** next to **User Configuration** to expand the user menu, click the **+** next to "**Windows Settings**", then select "**Scripts (Logon/Logoff)**"

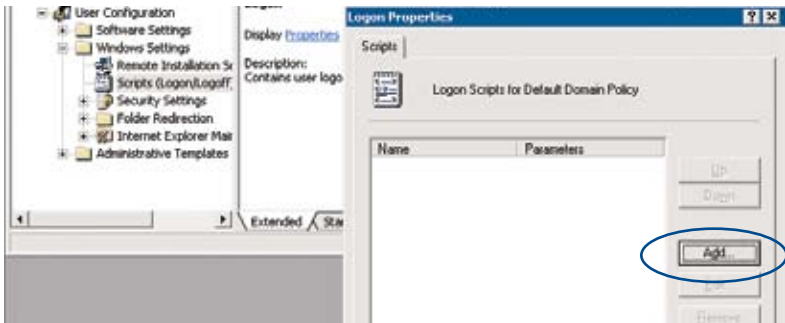


- On the right side of the MMC double click the "**Logon**" icon and the "**Logon Properties**" dialog box will appear. **Note:** Depending on your current configuration you may already have several scripts running.
- In order to place the **cymphonix.exe** LDAP client in the correct folder for your Domain Policy select the "**Show Files**" button — this will open a new window displaying the current files for the Domain Policy.
- Copy the **cymphonix.exe** file you downloaded in **Step 1** (on your desktop) and paste it into the logon scripts folder.
Note: You need to make sure you have copied the entire file into the folder — not just a shortcut to the file or the file path.

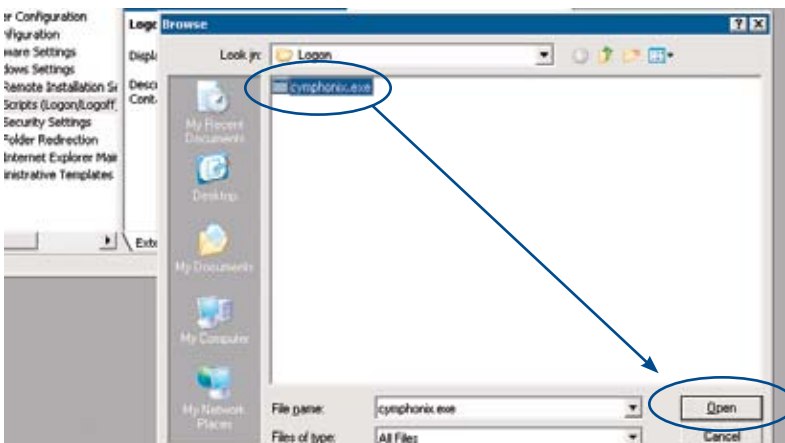
Your screen should look like this:



Close the logon scripts folder to return to the “**Logon Properties**” dialog box

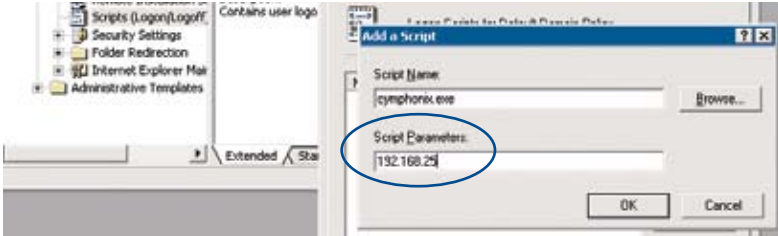


- Click “**Add...**” to open the “**Add a Script**” dialog box.
- Click “**Browse**” to open the Logon Script Folder, then select the **cymphonix.exe** file and click “**Open**”.



You will now be back at the “**Add a Script**” Dialog box and **cymphonix.exe** should appear in the Script Name box.

- Enter the Cymphonix Network Composer’s **IP address** in the “**Script Parameters**” box.



- Click “**OK**” to close the “**Add a Script**” dialog box then click “**OK**” again to close the “**Logon Properties**” dialog box

At this point your Cymphonix LDAP client script is ready run to the next time your users logon onto the programmed domain. You can now close the MMC session. It is not necessary to save the session, as this only saves the MMC session itself and has no relevance to the logon script you just installed.

Special Notes

Many networks use LDAP servers in order to create and manage current users. We have shown how to integrate the Cymphonix Network Composer to Microsoft’s Active Directory. Most domain management programs have the ability to require client P.C.’s to run a logon script as the client machines authenticate to the managed domain. This is usually done by creating a batch file (.bat) and placing it in the Logon Scripts folder. The steps should be very similar to what has been shown here. The end result should be that when every windows based machine logs into the desired domain — the **cymphonix.exe** script will run and thereby create a connection between the clients and the Cymphonix Network Composer.

To create a batch file, open **Notepad** or some other text editing program and type the following: **start cymphonix.exe** then the **IP address** of the Cymphonix Network Composer on your network. Your screen should look like this:



Then save the file with an appropriate name such as “**cymphonix.bat**” (.bat is the standard file extension for batch files) You can also add the **start cymphonix.exe xxx.xxx.xxx.xxx** line to any existing batch file as long as it is running in the appropriate domain for the users you want to manage.

Any additional questions or for help please contact Cymphonix Tech Support at support@cymphonix.com or Call 801-938-1500 and select the “support” option.



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