ProfileUnity™ 6.5.x

Windows 2012 AD

GPO Configuration

Introduction

This guide has been authored by experts at Liquidware Labs in order to provide information and guidance concerning the evaluation process and normal use cased of ProfileUnity 5.2 with FlexApp technology.

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GPO SETTINGS FOR PROFILEUNITY

ProfileUnity requires both computer and user GPO settings to be applied for ProfileUnity to execute for users. These settings may be applied in a single or multiple GPO's.

COMPUTER SETTINGS

LWL.ProfileUnity.Client.Startup.exe (required) – Caches the ProfileUnity application files on the local computer C: drive.

Loop Back Processing Mode – applies user GPO settings to the users which logon to the computer. (Required when applying a single GPO to only to the Computer OU.)

Auto Install .Net (optional)– installs .Net if it is not already installed.

System INI File Path (optional) – This is the UNC path for the ini file when the "Run Client Tools As Service" is used.

System License Path (optional)– This is the path to the ProfileUnity.lic license file.

Temp Path (optional) – Local Path containing the ProfileUnity Temp files. By default, this is the User's %temp% folder.

Client Service Credentials Path (Required when Running ProfileUnity as a Service) - Path to the client service exe's credentials file. This is the location where you extracted the ProfileUnity files (by default the Netlogon\ProfileUnity folder).

ProfileDisk Nodes Path (optional)- Path to ProfileDisk's nodes.xml configuration file. This is the location where you extracted the ProfileUnity files (by default the Netlogon\ProfileUnity folder).

USER SETTINGS

LWL.ProfileUnity.Client.Logoff.exe (required) – executes ProfileUnity at logoff

INI File Path - UNC Path containing the ProfileUnity INI configuration files.

License Path - UNC Path containing the ProfileUnity License file.

Enabled (required) – enables ProfileUnity to run for the user

Silent (optional) – disables the ProfileUnity splash screen

Disable Timestamp (optional) – disable timestamp checking of the portability 7z files. All portability settings are saved at logoff and restored at logon without comparing the timestamp.

GPO Deployment Options

Single GPO

The simplest deployment would consist of a single GPO with appropriate ProfileUnity settings including loopback processing mode set to enabled. This GPO would be applied to OU where the user's workstations exist. ProfileUnity will execute for any user that logs on to a workstation is this OU. This is the default GPO configuration deployed with ProfileUnity.

Use case example: Deploy ProfileUnity for all users that access workstations in a particular OU, such as virtual desktops.

Multiple GPO

Some environments may prefer to deploy multiple GPO's instead of a single GPO. Multiple GPO's will allow settings to be applied to specific computers and users.

At a minimum two GPO's would be created. The first GPO would be configured for the workstations and would contain the startup.vbs setting. The second GPO would be configured for the users and would contain the appropriate user settings. These GPO's would then be linked to their respective OU's.

CONFIGURING THE GPO FOR PROFILEUNITY

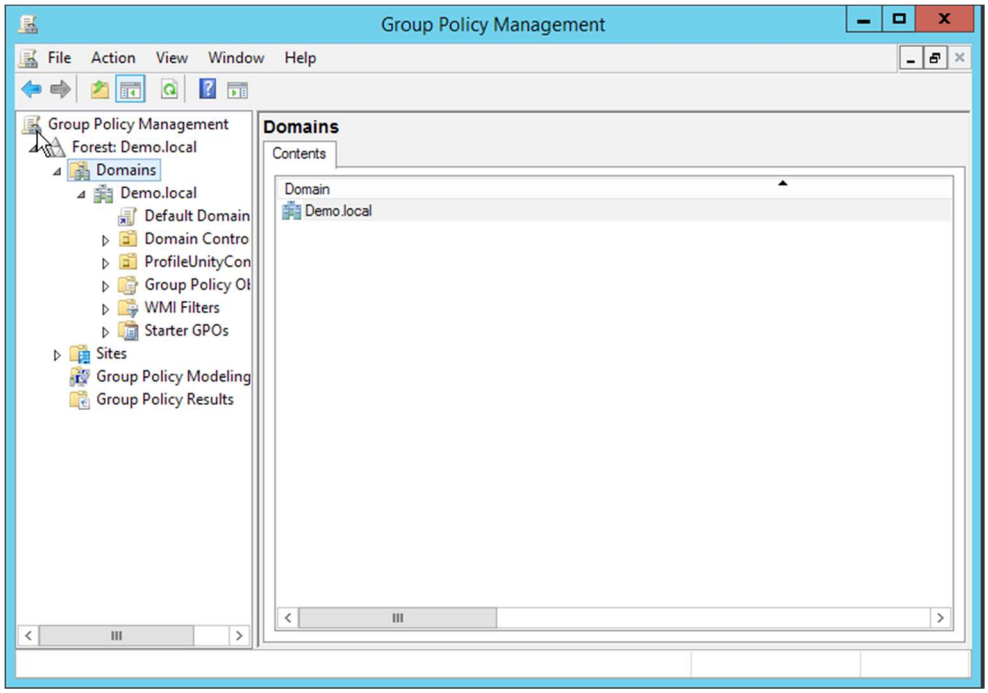
WINDOWS 2012 GPO

ProfileUnity manages users through Group Policy startup scripts, logoff scripts and ADM template settings.

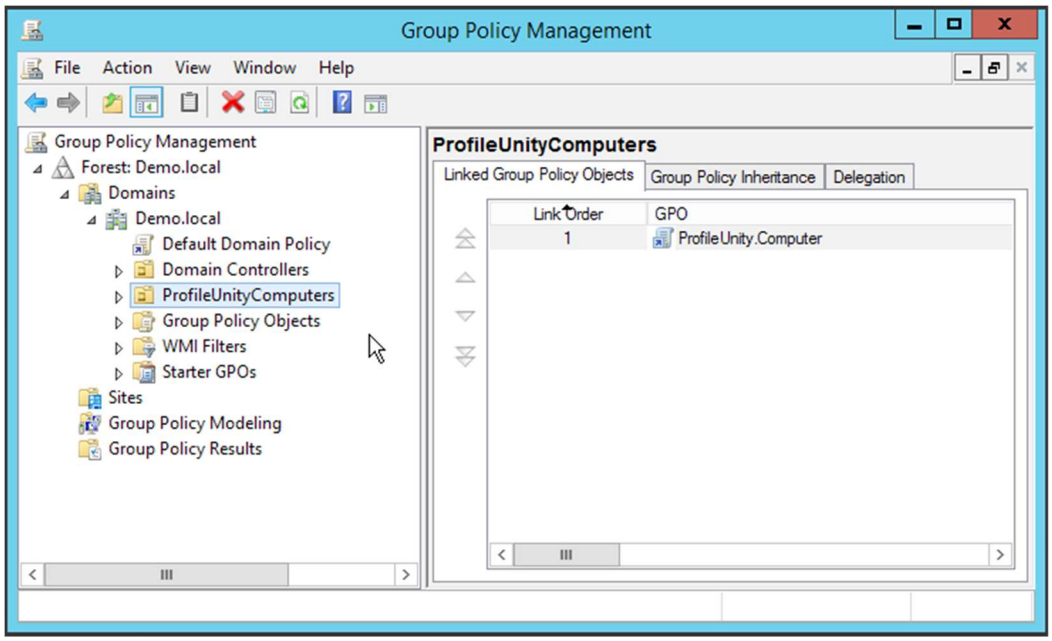
COMPUTER CONFIGURATION SETTINGS

CONFIGURING THE GROUP POLICY STARTUP SCRIPT

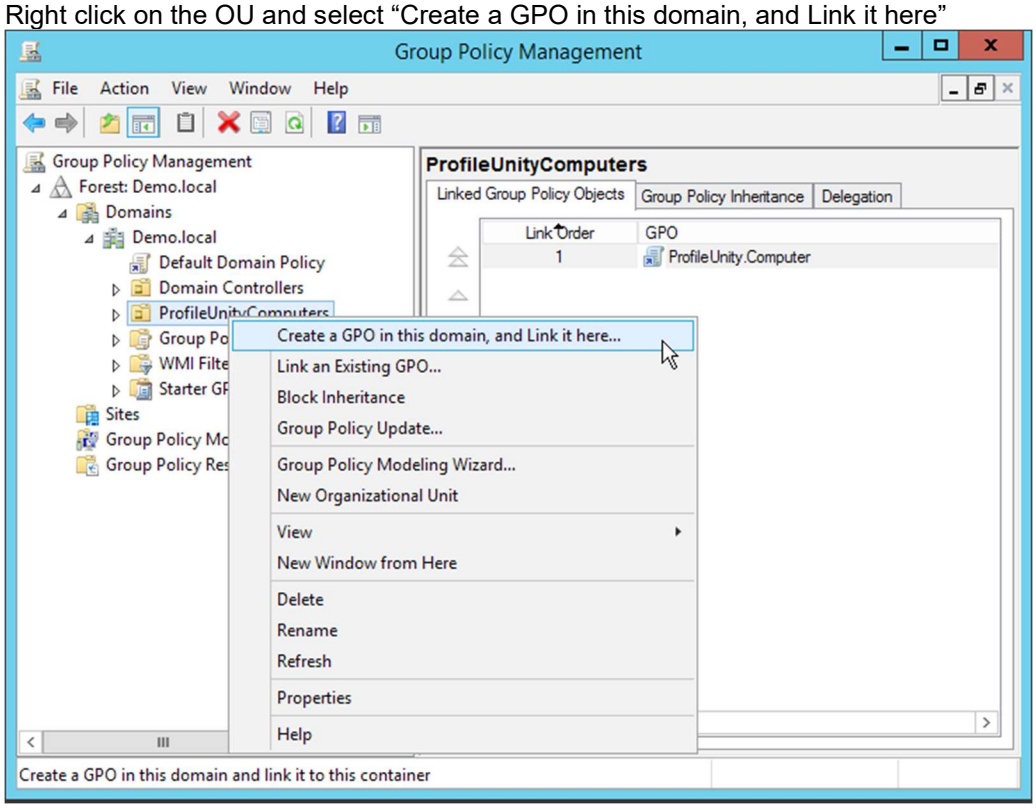
1. Open the Group Policy Management Console



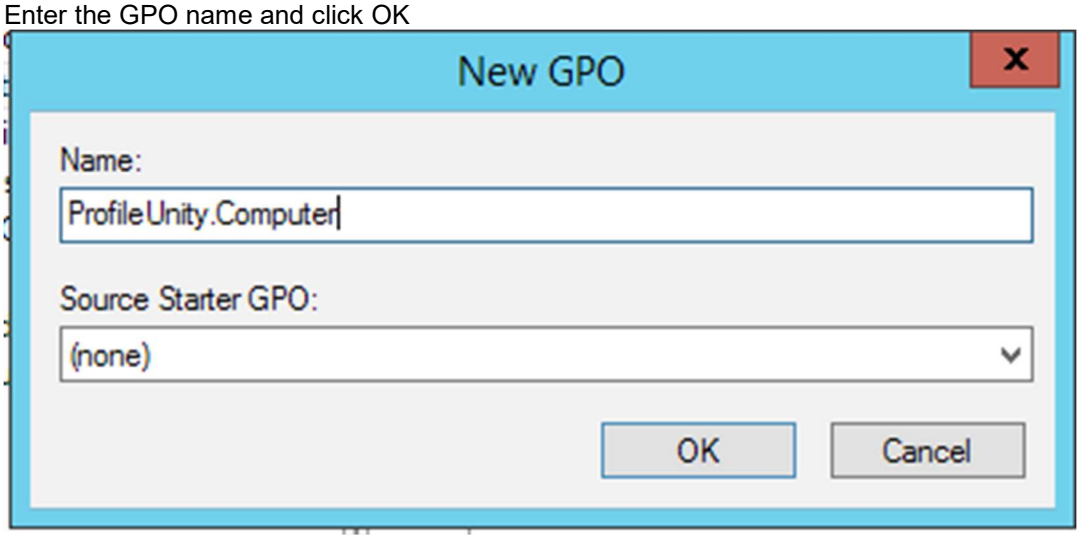
2. Expand the domain and select the appropriate OU where the computers exist upon which ProfileUnity will be executed.



3. Right click on the OU and select “Create a GPO in this domain, and Link it here”

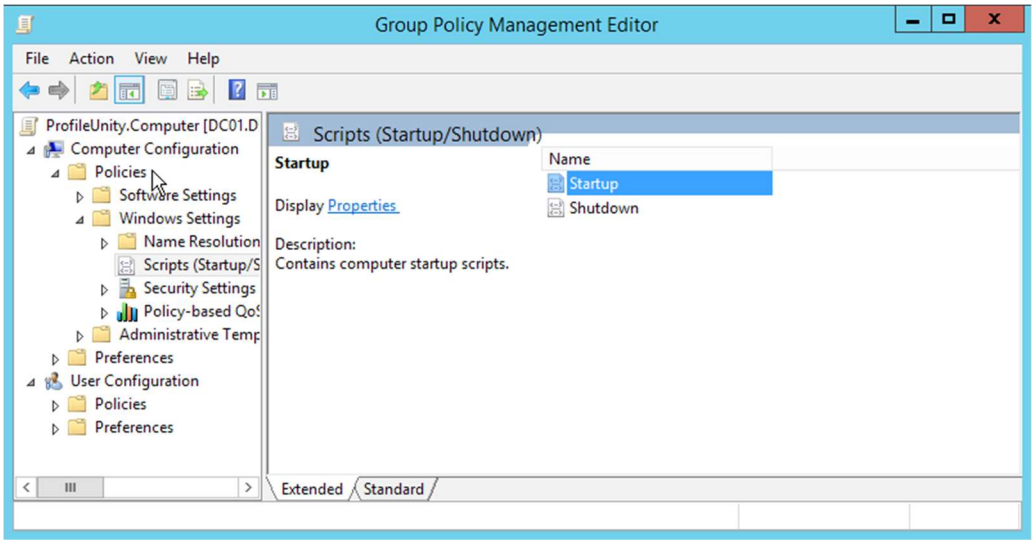


4. Enter the GPO name and click OK

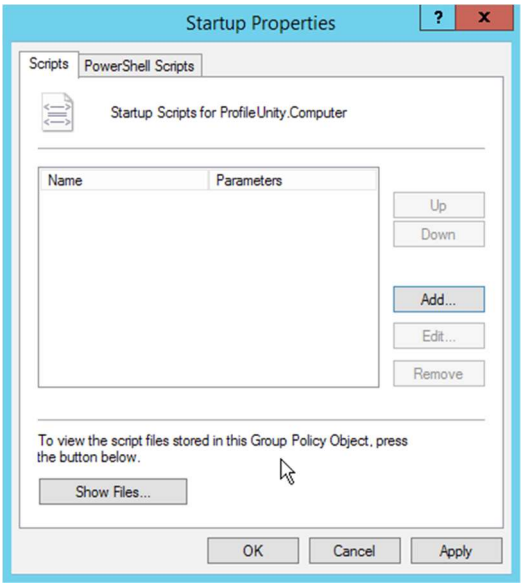


5. Right-Click on the newly created GPO and select edit.

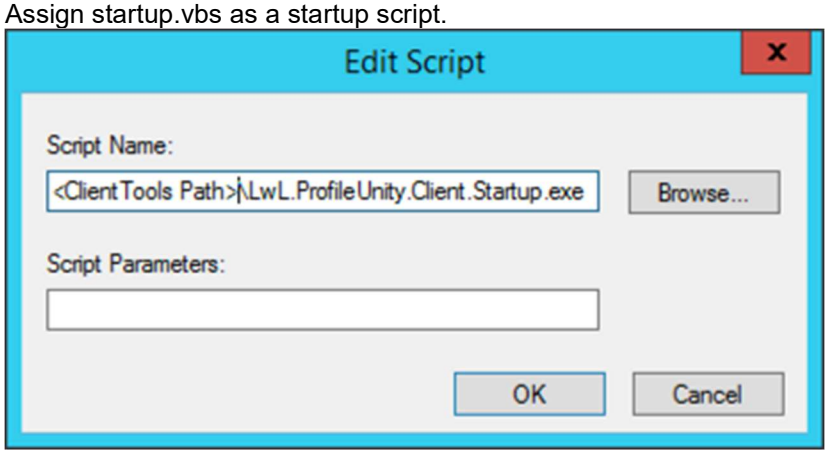
6. Browse to Computer Configuration\Windows Settings\Scripts (Startup/Shutdown) and edit the properties of the Startup script.



7. Click the Add button to add a new startup script.



8. Assign startup.vbs as a startup script.



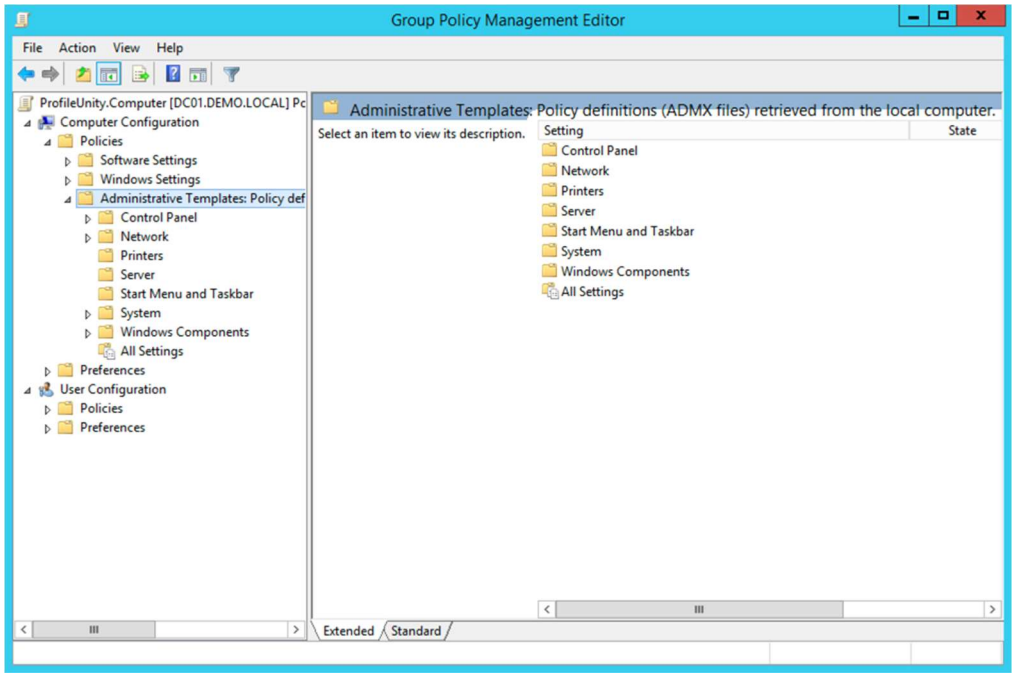
Script Name: <ClientTools Path >\LWL.ProfileUnity.Client.Startup.exe
Script Parameters: leave blank

NOTE: You will need to replace `<ClientTools Path>` in the above example with the UNC path to LWL.ProfileUnity.Client.Startup.exe file. This is the location where you extracted the ProfileUnity files (by default the Netlogon\ProfileUnity folder) and select the ProfileUnity.adm template.

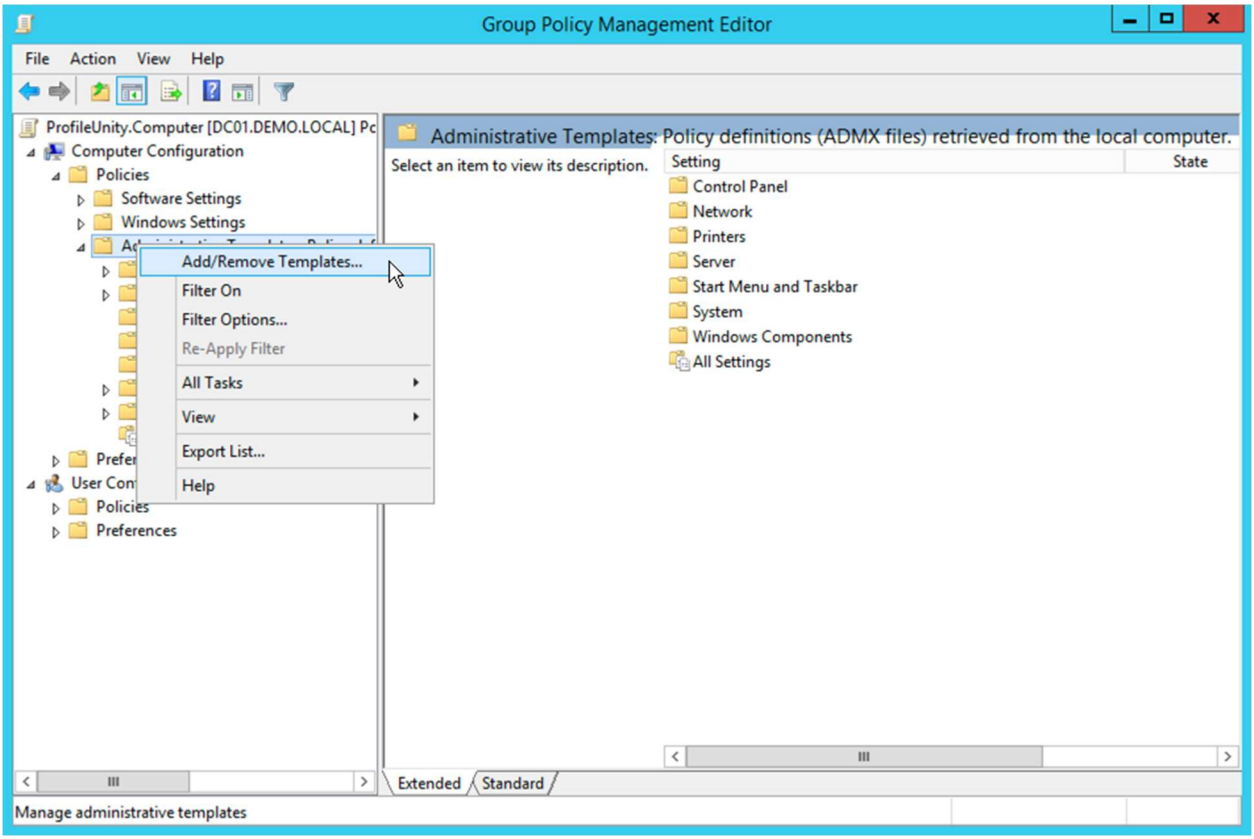
ADDING THE PROFILEUNITY ADM TEMPLATE (OPTIONAL)

ADM Template settings under Computer Configuration are optional and only need to be set for specific use cases.

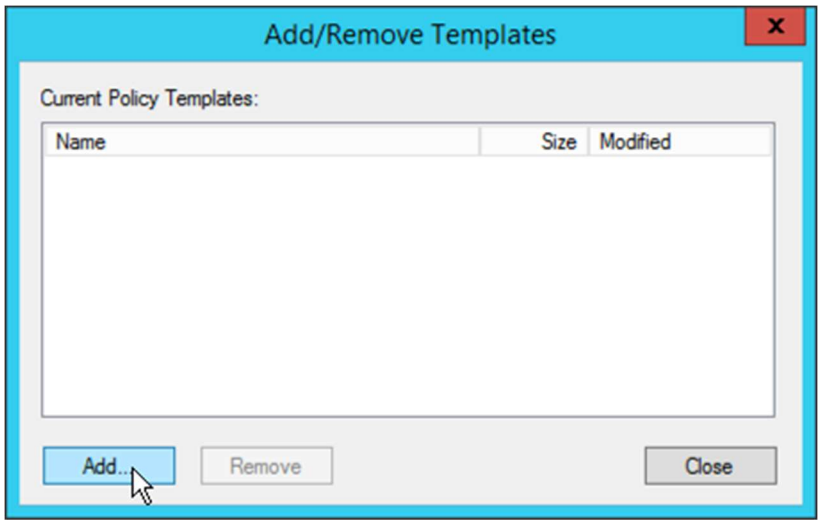
1. Under the policy, browse to Computer Configuration\Administrative Templates.



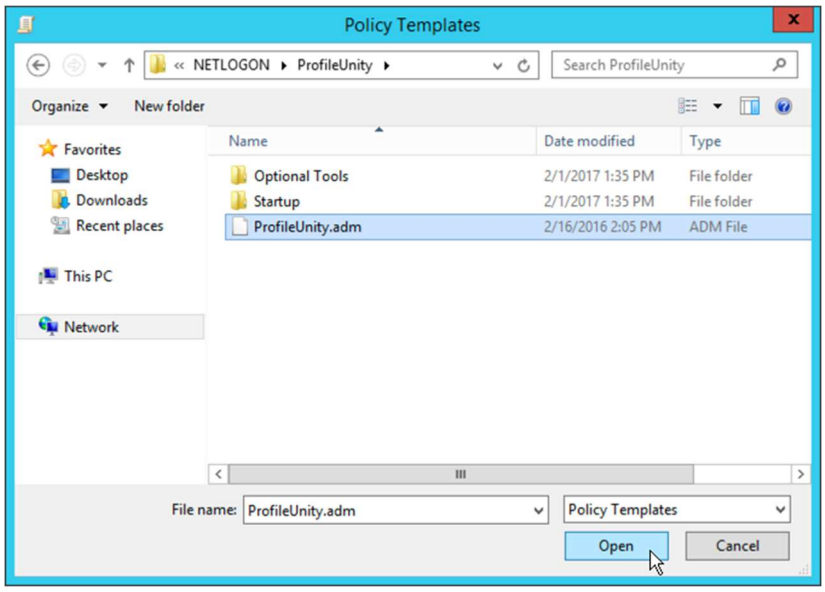
2. Right click on Administrative Templates and select Add/Remove Templates…


Group Policy Management Editor
File Action View Help
ProfileUnity.Computer [DC01.DEMO.LOCAL] Pc
Computer Configuration
Policies
Software Settings
Windows Settings
Add/Remove Templates...
Filter On
Filter Options...
Re-Apply Filter
All Tasks
View
Export List...
Help
Policies
Preferences
Administrative Templates: Policy definitions (ADMX files) retrieved from the local computer.
Select an item to view its description.
Setting
State
Control Panel
Network
Printers
Server
Start Menu and Taskbar
System
Windows Components
All Settings
Extended
Standard
Manage administrative templates

3. Click the Add button to add a new template.



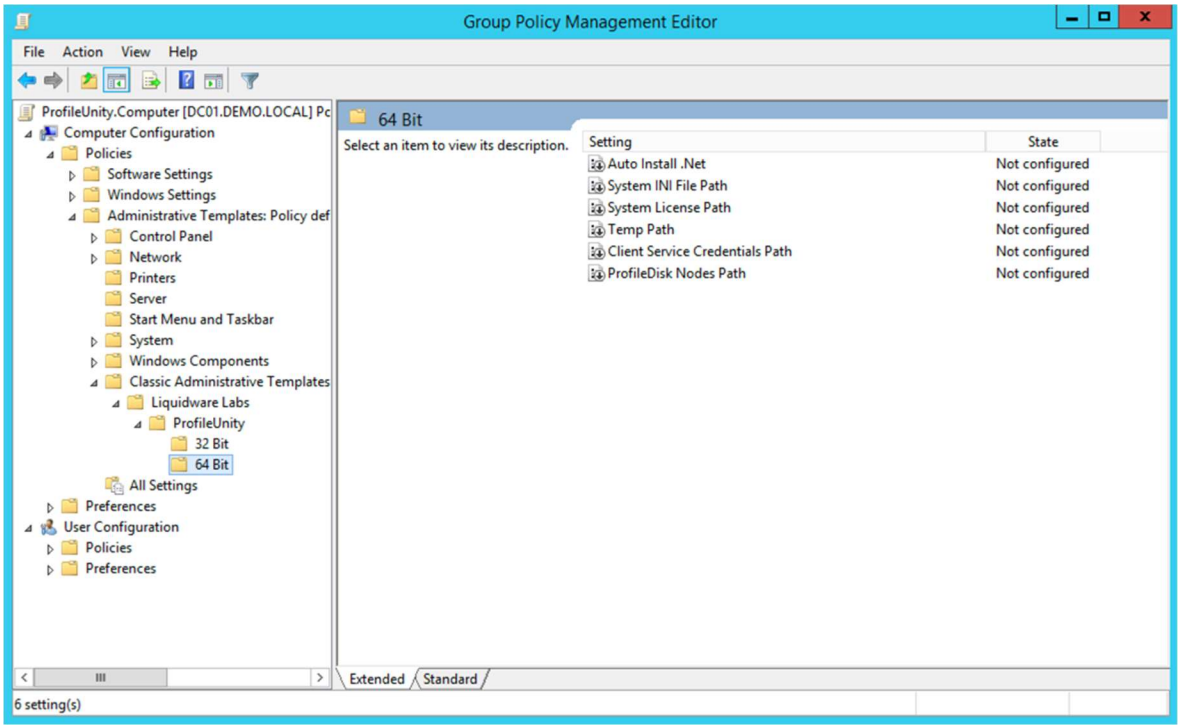
4. Browse to the location where you extracted the ProfileUnity files (by default the Netlogon\ProfileUnity folder) and select the ProfileUnity.adm template.



5. Click Open, and then on the next dialog click Close.

OPTIONAL COMPUTER CONFIGURATION SETTINGS

1. Under Computer Configuration > Administrative Templates > Classic Administrative Templates > Liquidware Labs> ProfileUnity select 32 Bit or 64 Bit depending on the bit level of your target operating systems.



The following option may be set:

Auto Install .Net – installs .Net if it is not already installed.

System INI File Path – This is the UNC path for the ini file when the "Run Client Tools As Service" is used.

System License Path – This is the path to the ProfileUnity.lic license file.

Temp Path – Local Path containing the ProfileUnity Temp files. By default, this is the User's %temp% folder.

Client Service Credentials Path - Path to the client service exe's credentials file. This is the location where you extracted the ProfileUnity files (by default the Netlogon\ProfileUnity folder).

ProfileDisk Nodes Path - Path to ProfileDisk's nodes.xml configuration file. This is the location where you extracted the ProfileUnity files (by default the Netlogon\ProfileUnity folder).

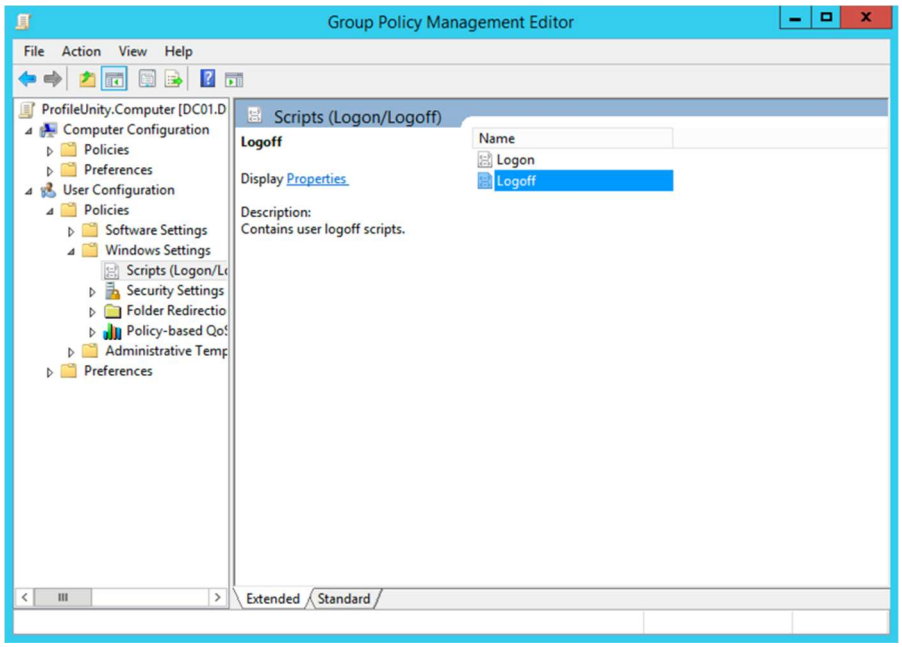
User Configuration Settings

If you are splitting the GPO between Computers and Users, create another GPO and link it to the users OU. You may filter the GPO to the ProfileUnity license group.

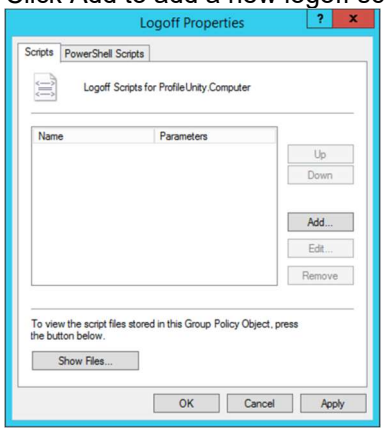
If you are using a single GPO, continue modifying the previous GPO.

Group Policy Logoff Script

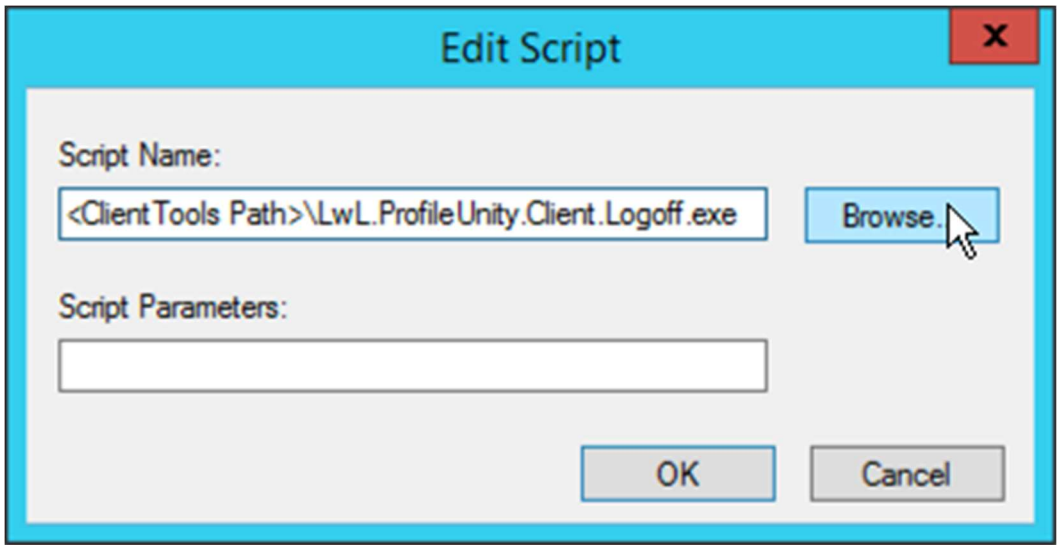
1. Under the policy browse to User Configuration\Windows Settings\Scripts (Logon/Logoff) right click on Logoff and select Properties:



2. Click Add to add a new logoff script:



3. Point the script parameters to your domain's netlogon share.



Script Name: <ClientTools Path >\LWL.ProfileUnity.Client.Logoff.exe
Script Parameters: leave blank

NOTE: You will need to replace `<ClientTools Path>` in the above example with the UNC path to LWL.ProfileUnity.Client.Logoff.exe file. This is the location where you extracted the ProfileUnity files (by default the Netlogon\ProfileUnity folder) and select the ProfileUnity.adm template.

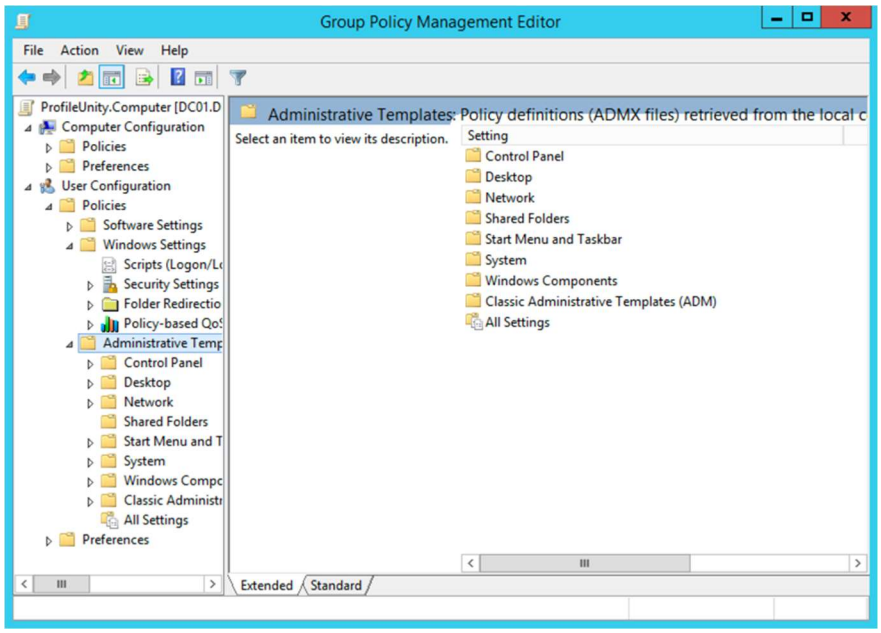
4. Click OK and then Apply to save your changes.

GROUP POLICY ADM TEMPLATE

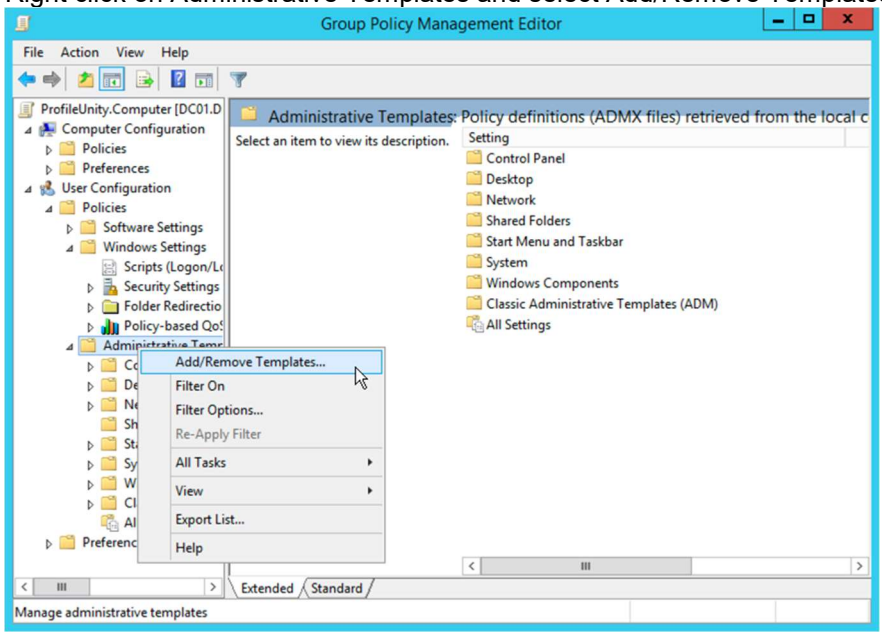
ADDING THE PROFILEUNITY ADM TEMPLATE (OPTIONAL)

ADM Template settings under Computer Configuration are optional and only need to be set for specific use cases.

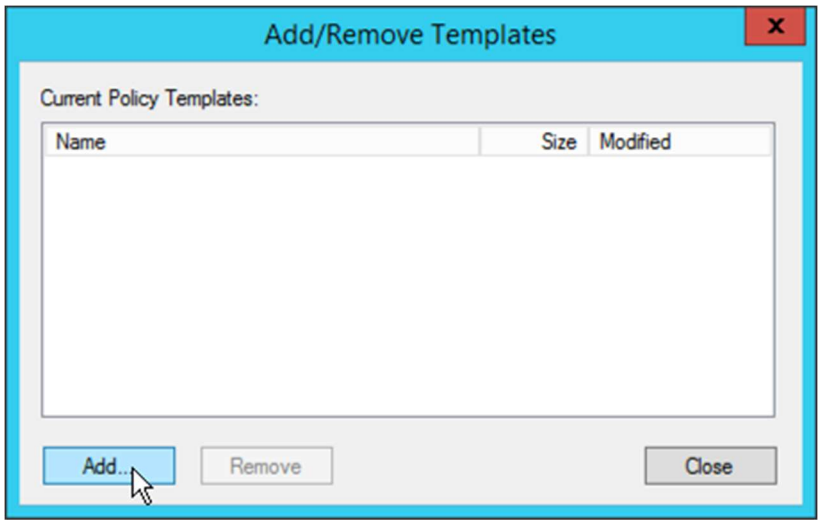
1. Under the policy, browse to User Configuration\Administrative Templates.



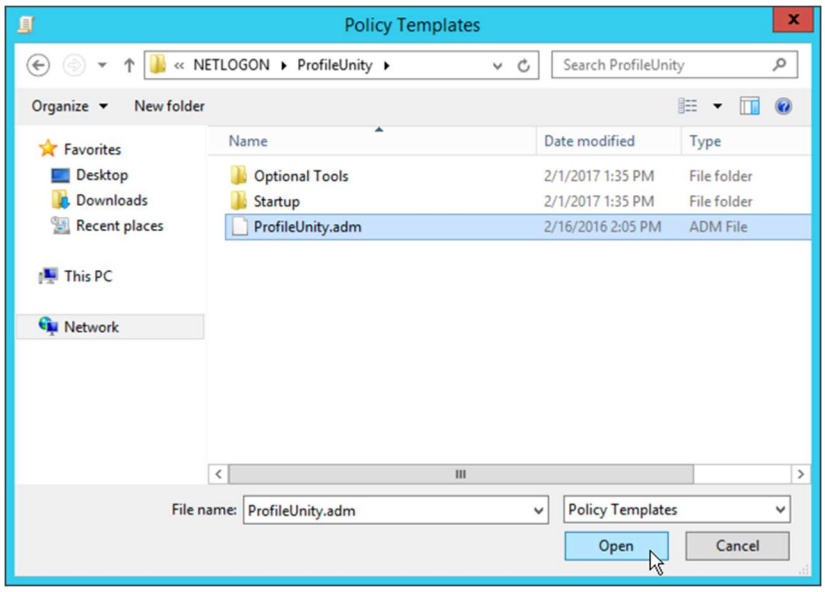
2. Right click on Administrative Templates and select Add/Remove Templates…



3. Click the Add button to add a new template.



4. Browse to the location where you extracted the ProfileUnity files (by default the Netlogon\ProfileUnity folder) and select the ProfileUnity.adm template.

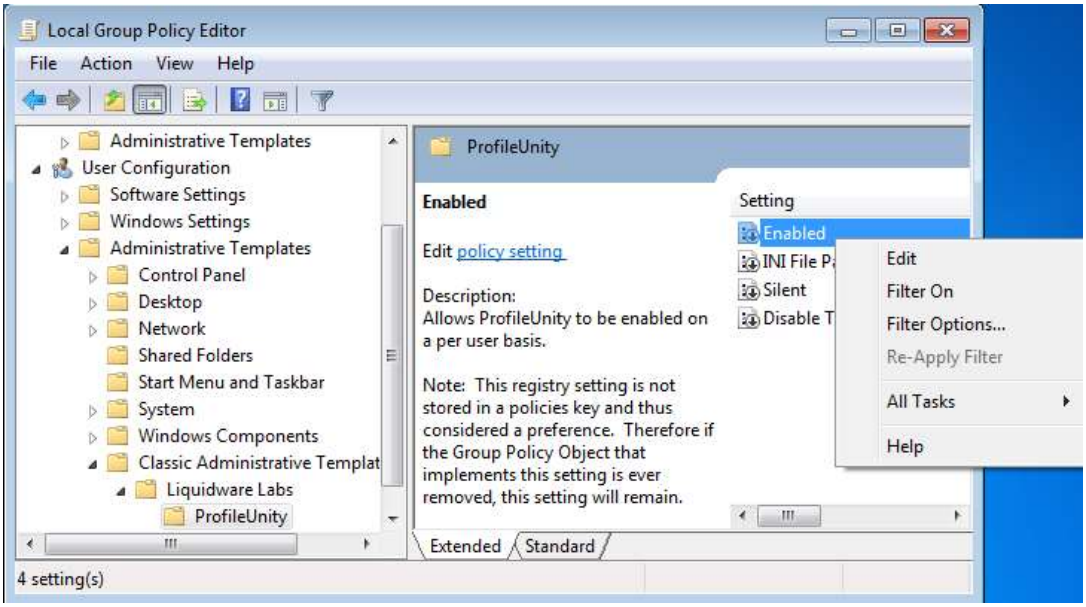


5. Click Open, and then on the next dialog click Close.

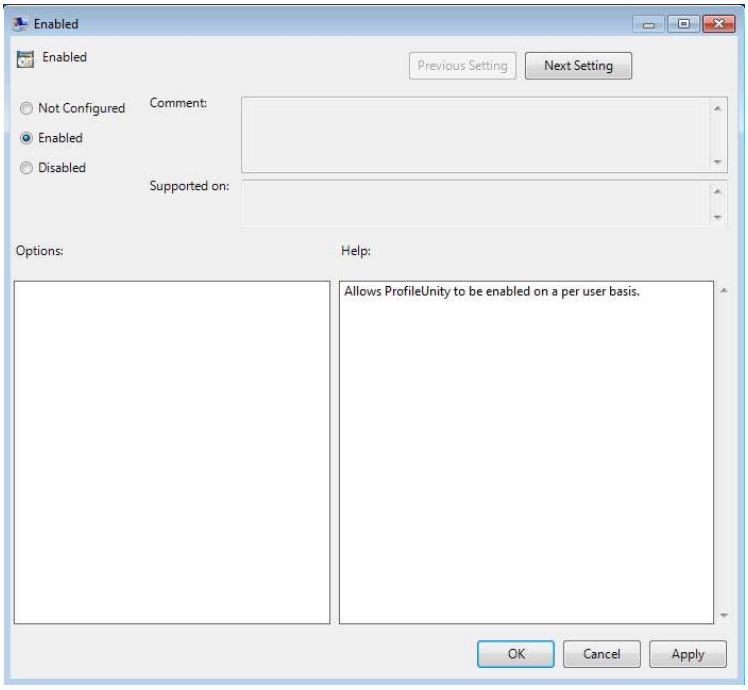
CONFIGURING AND ENABLING THE POLICY

Browse to the “User Configuration\Administrative Templates\Liquidware Labs\ProfileUnity” path.

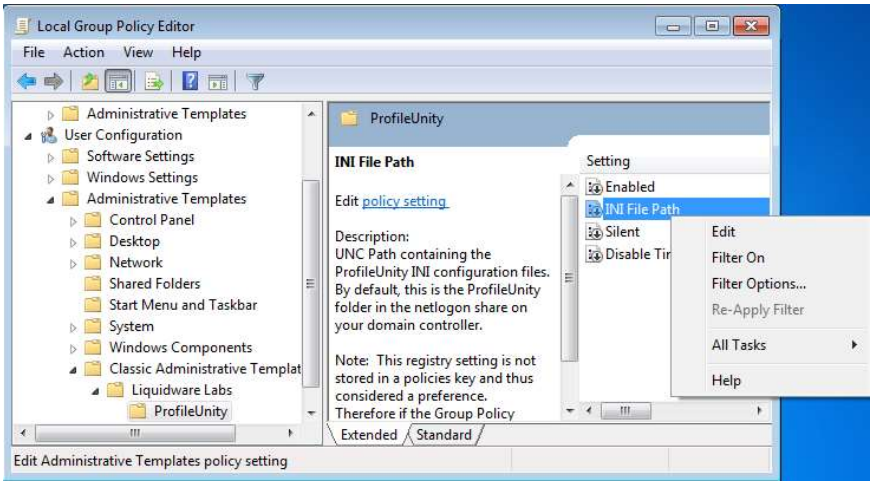
1. Right click on Enabled and select “Properties”, select “Edit”

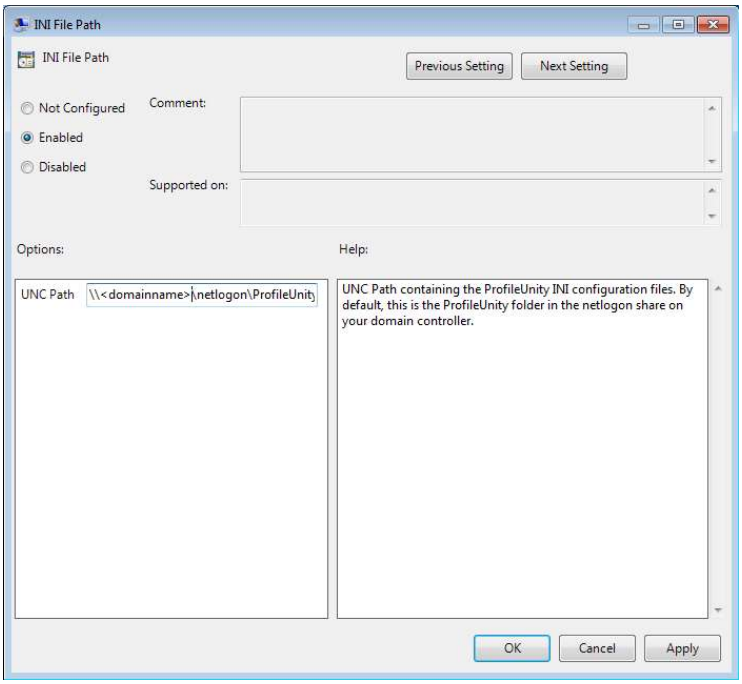


2. Select the “Enabled” Radial button, and then click OK.



3. Right click on “INI File Path” and select “Edit”.



4. Select the “Enabled” radial button.

5. Edit the UNC Path to match the folder where your INI files will be stored. This is the location where you extracted the ProfileUnity files (by default the Netlogon\ProfileUnity folder). Then click the OK button.