EnviProt
The PowerSaving Company

Auto Shutdown Manager

Saves your budget and our environment!

PC Power Management for Enterprises, EDUs, GOVs and IT Professionals

*** WOL Portals * MECM/SCCM Pluig-in * WOL- & Shutdown Schedules ***
*** Asset Management * WOL Proxies * … much more**

Deploy
Auto Shutdown Manager via Windows Group Policy

This tutorial will enable you to automatically deploy Auto Shutdown Manager to multiple computers using a Group Policy Object.

1. Preparation 2
1.1 Sharing the installation file 2
1.2 Preparing AD Editing 3
2. Active Directory Preparation 5
3. Creating the software package for Auto Shutdown Manager 6
4. Adding Clients 12
5. Distribution 14
6. Uninstall of Auto Shutdown Manager on clients 15

1. Preparation

1.1 Sharing the installation file

Please follow this instruction to automatically provision the Auto Shutdown Manager Server settings to all client PCs right during the installation.

In order to deploy Auto Shutdown Manager you need to use the AutoShutdownManager.msi contained in AutoShutdownManager.exe at https://www.enviprot.com/en/green-it-software-downloads

Please copy AutoShutdownManager.msi to a directory of your choice (such as \\%LOGONSERVER%\netshare\install$\asm), which must have at least read-access rights for all clients. This will be your installation source from which each client should be installed by calling the Auto Shutdown Manager.msi file.

Using the $ symbol in the share name will hide the share from view and users cannot install it manually.

In this folder, create a new file called "**server.ini"**
It may just contain 2 simple text lines - without any comments or additions
b. As a first line add the server IP Address or it's corresponding DNS name
c. Add the TCP-Port number to the second line

Now the **server.ini** file should look like (these values are just examples):

192.168.1.1
8088

Now you can install the clients in the common way you use for other *.msi deployments from this defined shared folder. During the installation, the clients will look for the *server.ini* file in the source folder and use its values to configure the server data automatically. Once the installation is done, the clients will initiate the connection to the server to retrieve their first configuration and settings data. Please be aware that this process can take up to 15 Minutes.

From now on, all settings and configuration changes as well as installation of newer updates can be done remotely from the server

Important to know for a successful configuration
If you deploy the Software via the Group Policy or another deployment tool please make sure that the users (or user groups) have read access to the source folder!
If you are deploying via a windows service (without logged-in users), please make sure that the target computers (domain computers) have read rights to the source folder. Otherwise the provisioning will not work correctly.

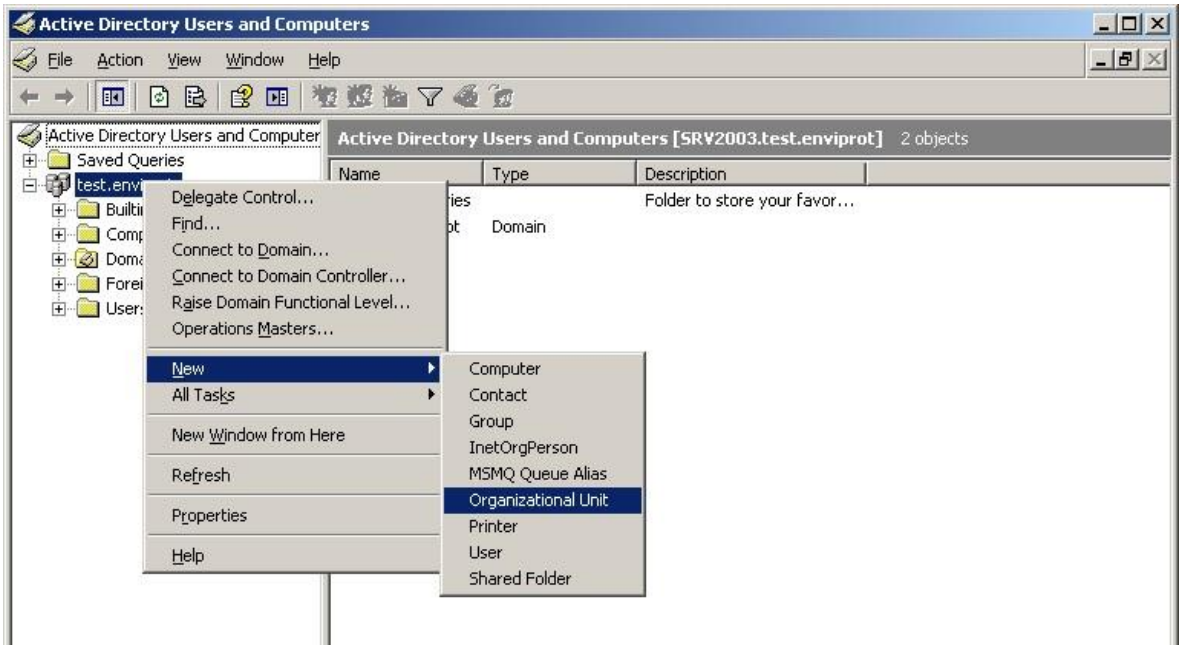
Background
Right after the installation completes, Auto Shutdown Manager will be started within the context of the user who initiated the installation. Within this user context, Auto Shutdown Manger then tries to access the source folder (where the MSI file came from) and tries to read the server.ini file.

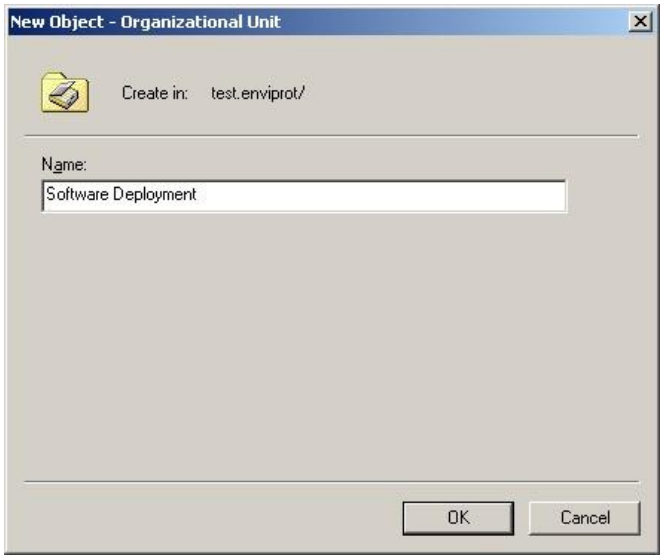
Please note
It is recommended that all drivers as well as the operating system are up-to-date. Independent from Auto Shutdown Manager, incorrect or outdated drivers are the most common cause for problems. In the case of Standby and Hibernation Mode, it is often caused by outdated screen drivers. When rebooting the computer, it could take a while before you can launch the tool. Before it is ready to being launched you receive the notification „… Starting“. This is normal and desired as Auto Shutdown Manager deploys its resources in a most efficient way.

1.2 Preparing AD Editing

In order to edit the Group policy Objects, the Group Policy Management Console makes it easier to handle. Add a new Organizational Unit In “Active Directors Users and Computers” add a new Organizational Unit such as “Software Deployment”.

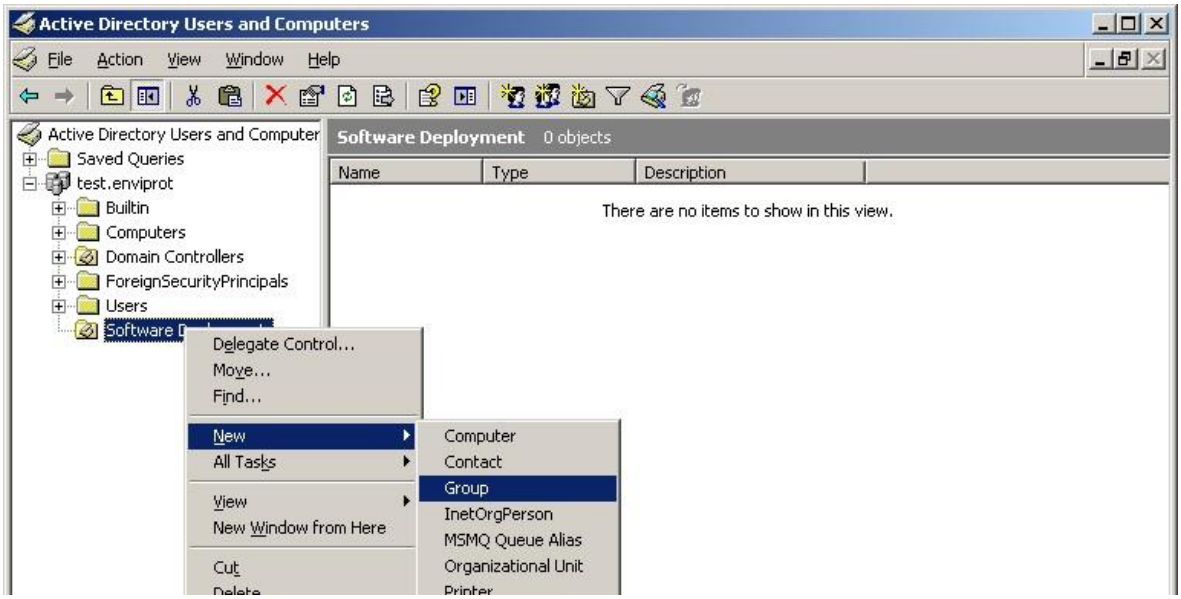
Active Directory Users and Computers
File Action View Window Help
Active Directory Users and Computer
Saved Queries
test.enviprot
Builtin
Computers
Domain Controllers
ForeignSecurityPrincipals
Users
Active Directory Users and Computers [SRV2003.test.enviprot] 2 objects
Name Type Description
Saved Queries Folder to store your favor...
test.enviprot Domain


Active Directory Users and Computers
File Action View Window Help
Active Directory Users and Computer
Saved Queries
Active Directory Users and Computers [SRV2003.test.enviprot] 2 objects
Name Type Description
Folder to store your favor...
Domain
Delegate Control...
Find...
Connect to Domain...
Connect to Domain Controller...
Raise Domain Functional Level...
Operations Masters...
New
All Tasks
New Window from Here
Refresh
Properties
Help
Computer
Contact
Group
InetOrgPerson
MSMQ Queue Alias
Organizational Unit
Printer
User
Shared Folder


New Object - Organizational Unit
Create in: test.enviprot/
Name:
Software Deployment
OK
Cancel

2. Active Directory Preparation

Within this Object right click, select „new“ and „Group“ to create a new Group Object, name it after the software to be distributed for example “ASM” for Auto Shutdown Manager.



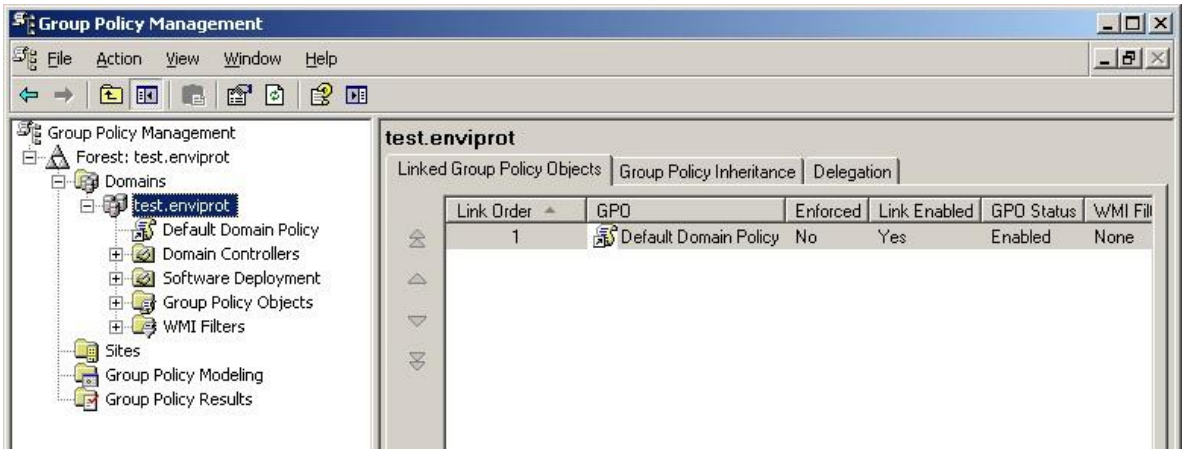
The Group should be created with the following parameters:

Groupname: “ASM”

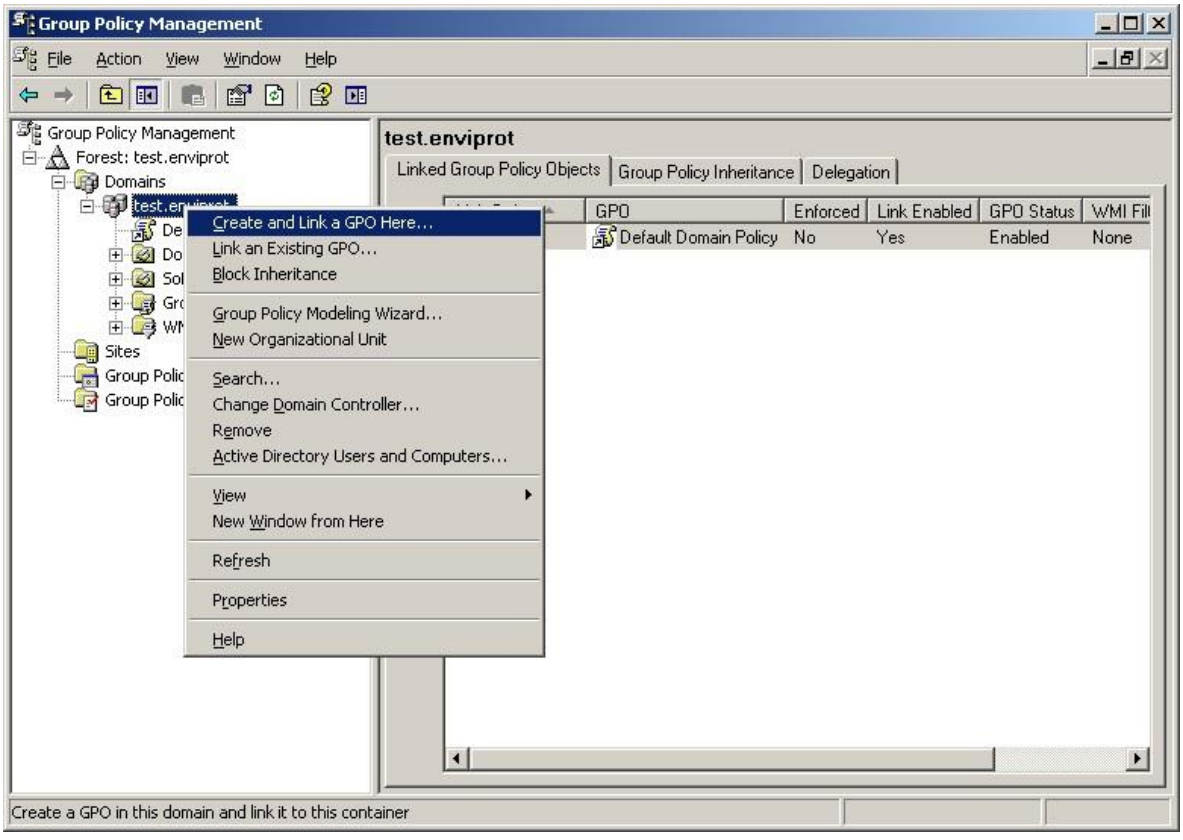
Group interval: Global
Group Type: Security

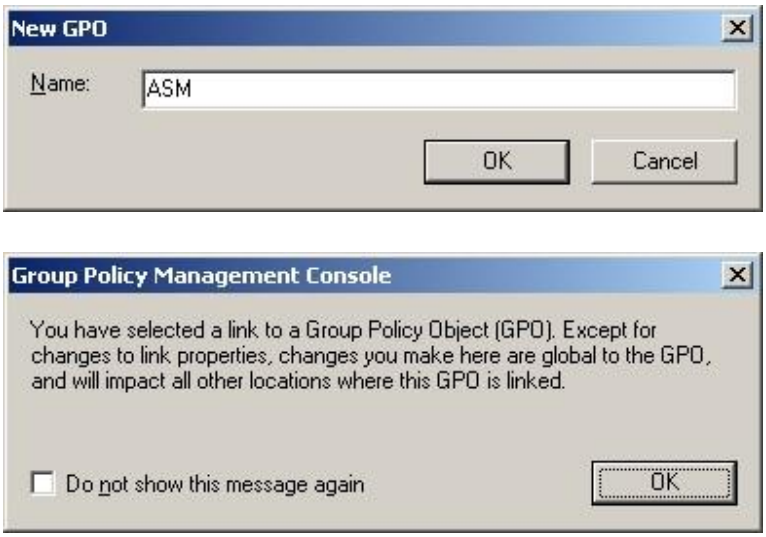
3. Creating the software package for Auto Shutdown Manager

After starting the Group Policy Management Editor (gpmc.msc) you should see a similar screen:

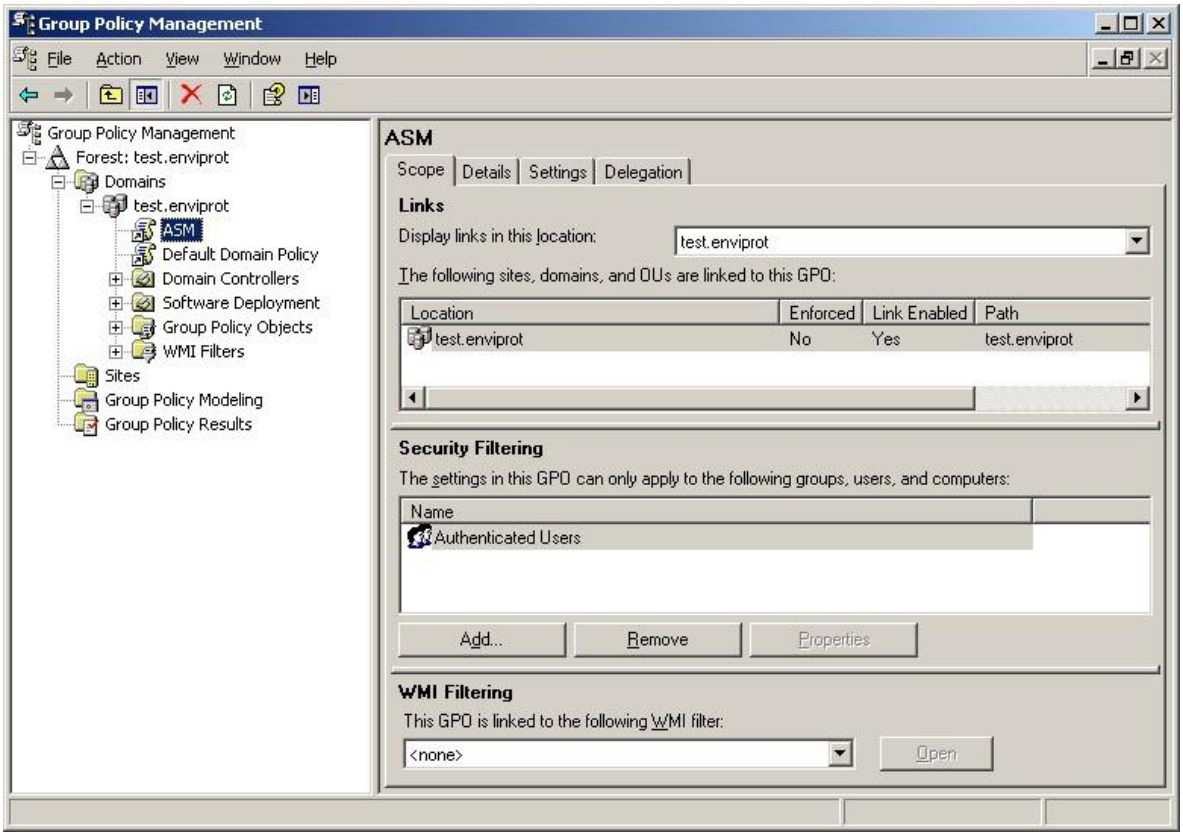


Right click on the Domain Name, select “Create and link a GPO here” and name it “ASM”.

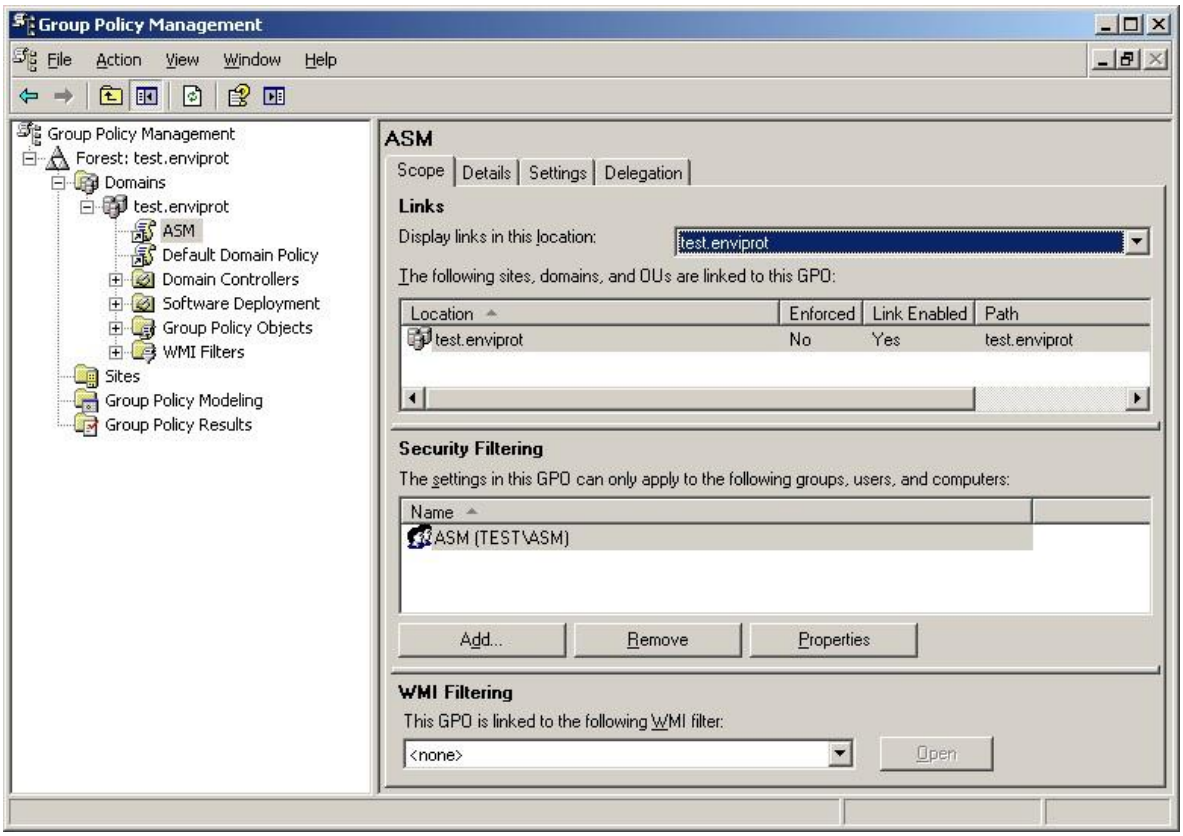




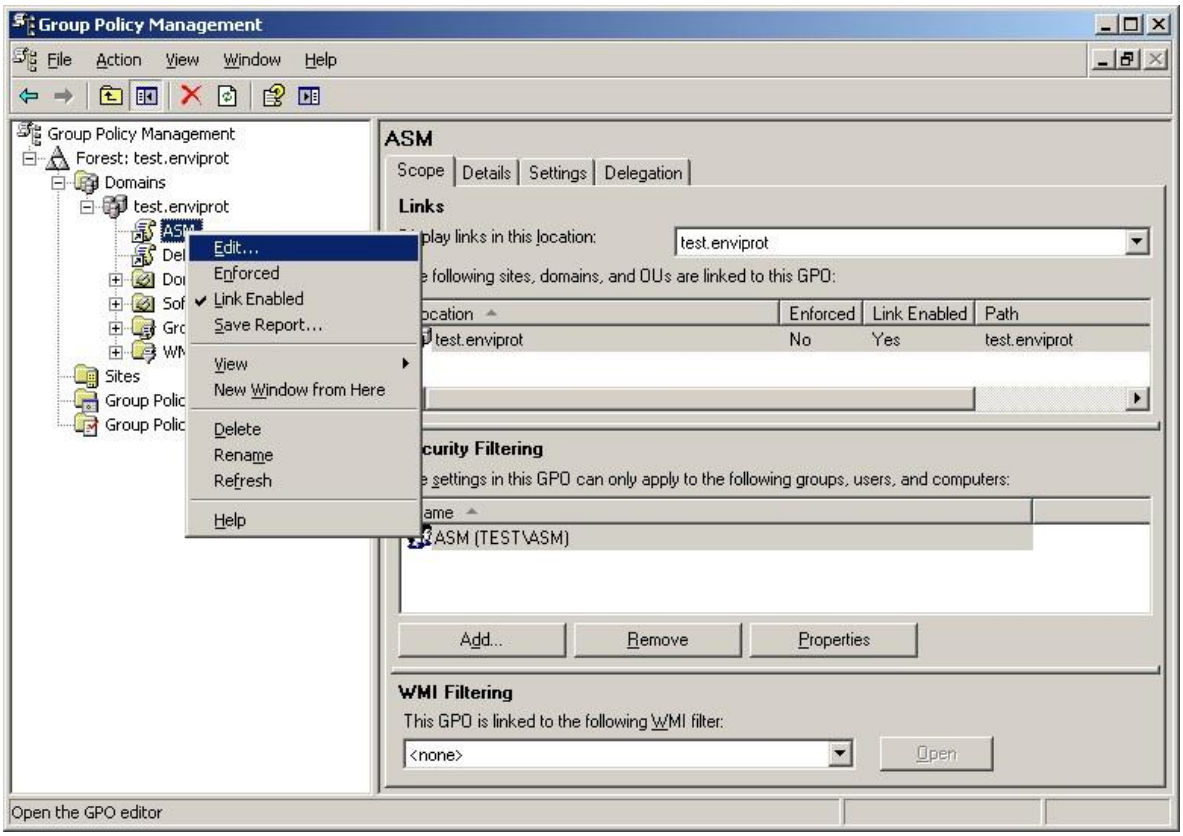
Now you should see the new GP Object on your screen.



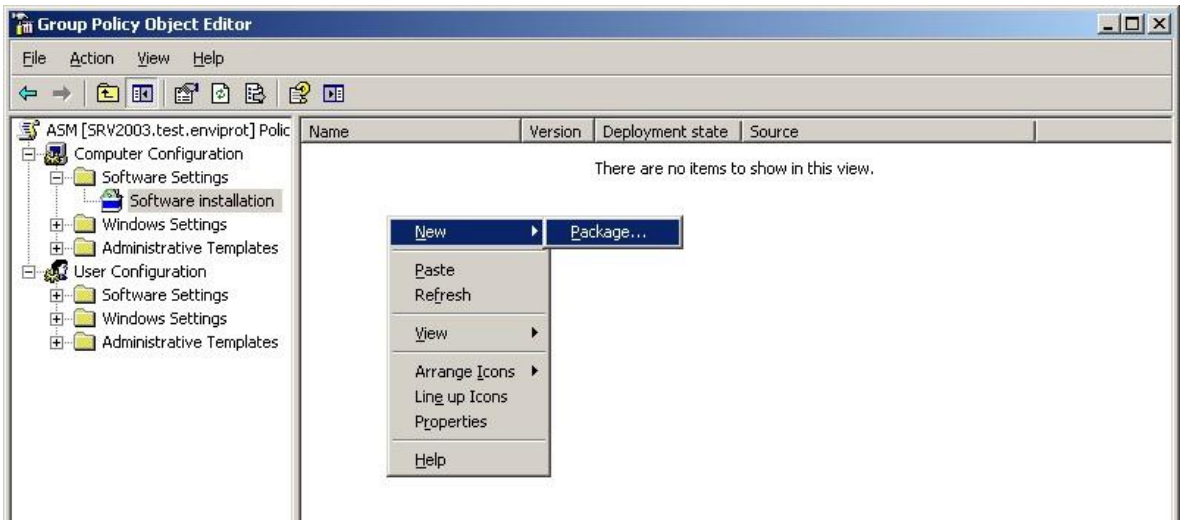
In Security filter delete “authenticated users” and add the newly created group “ASM”.



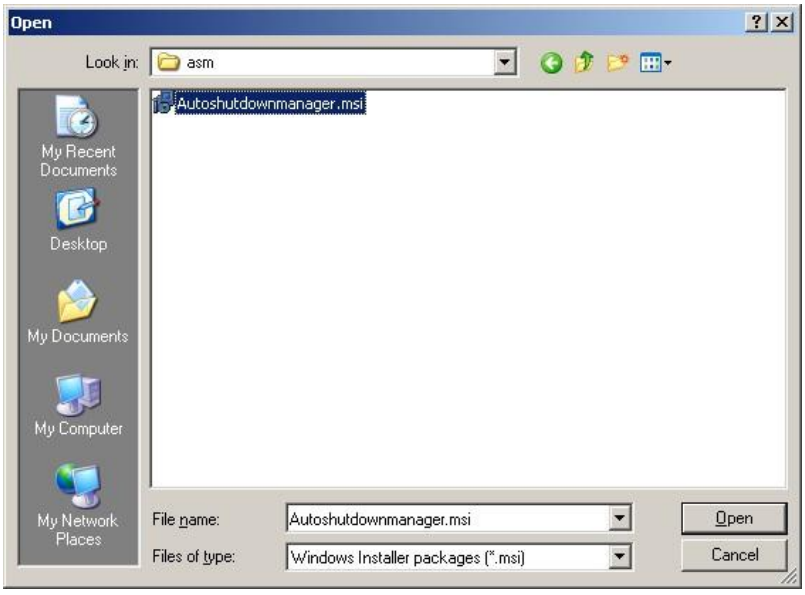
Now right click on the GP Object "ASM" and select edit.



Select “Package” in computer configuration / software settings / software installation.

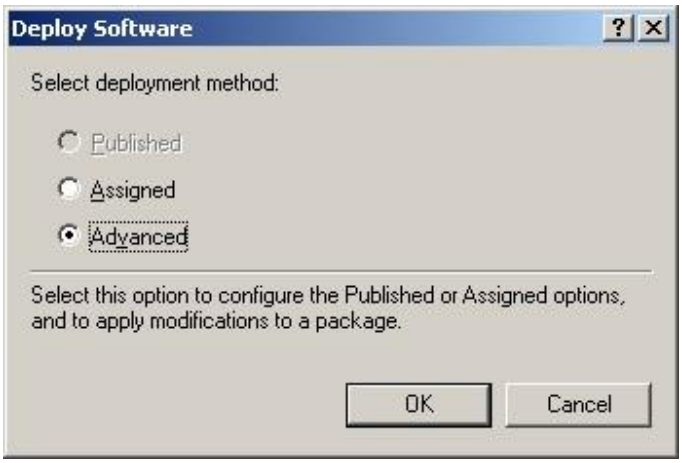


Select AutoShutdownManager.msi in the shared directory (example: \\%logonserver%\netshare\install$\asm).

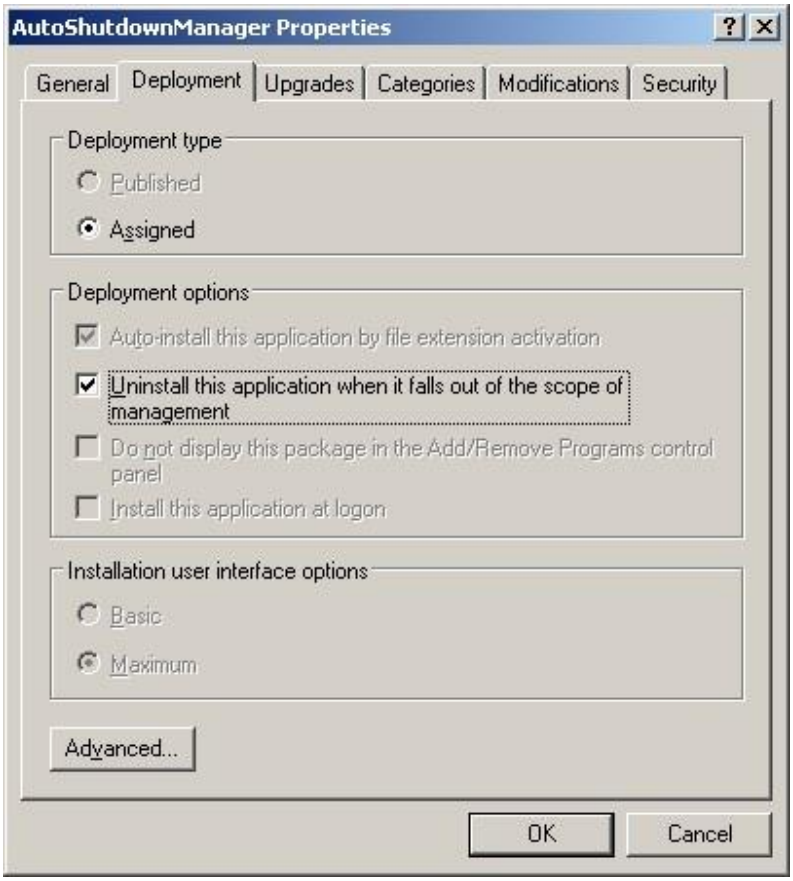


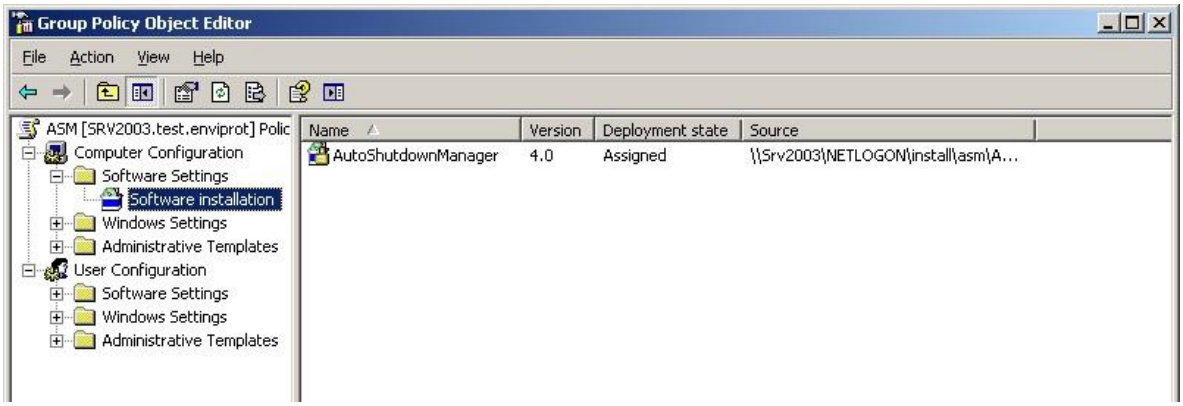
Click „Open“

Select “advanced” to edit some more settings:



Go to Deployment and put a check mark into “Uninstall this application when it falls out of scope of management”. All other settings can remain untouched.

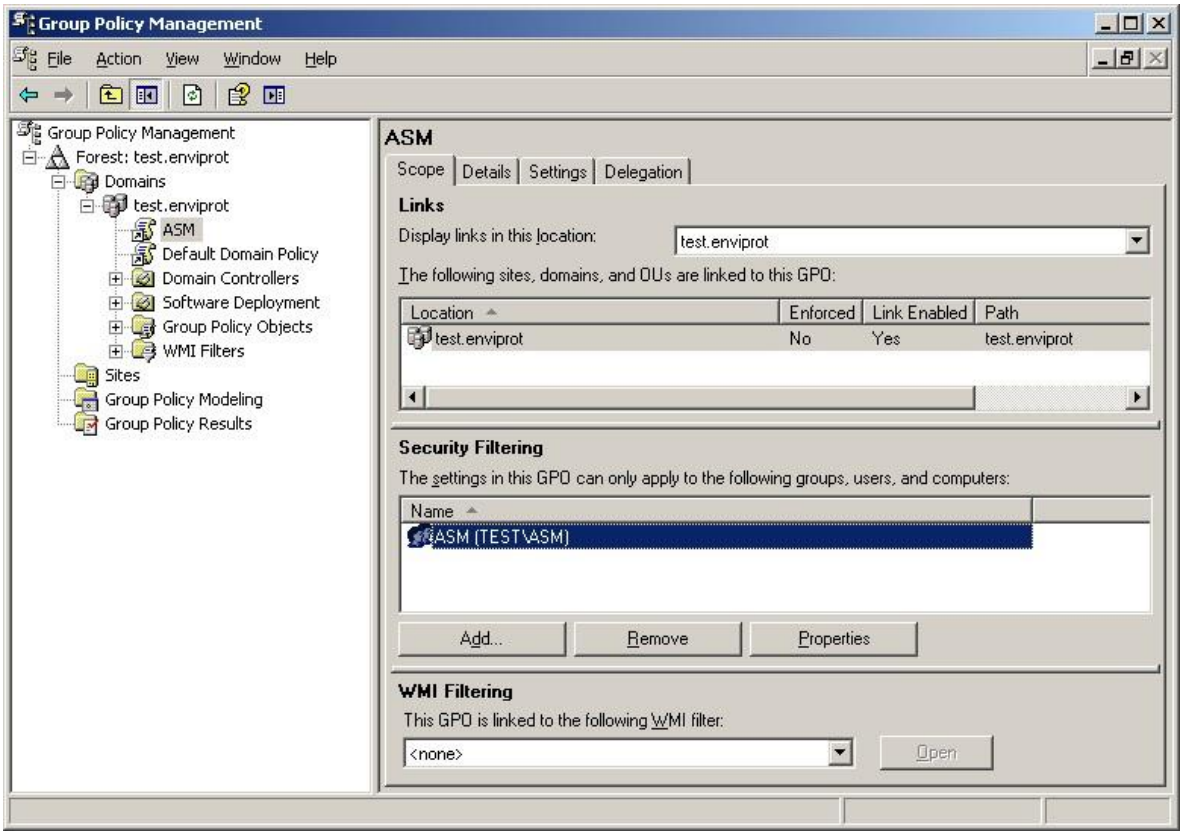




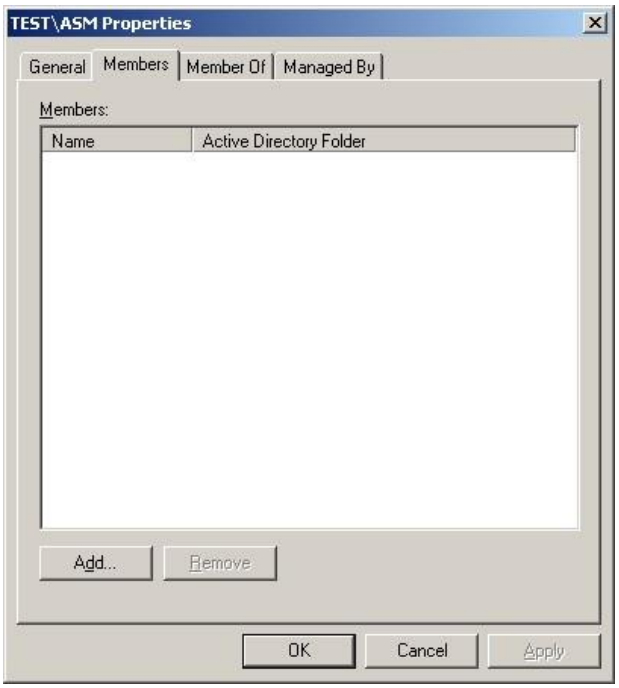
Now the package is ready for deployment!

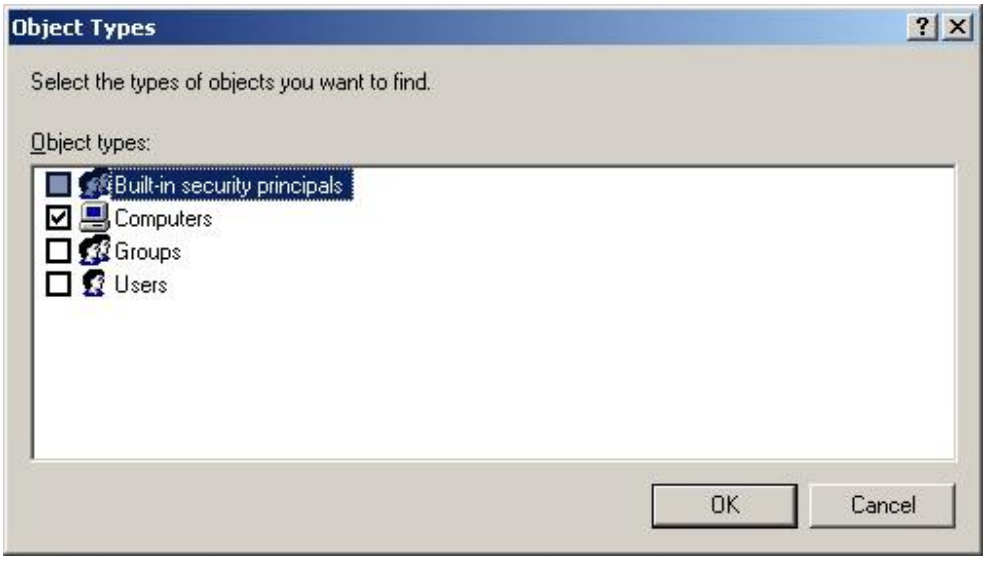
4. Adding Clients

In order to add clients to the group, select the security group and click “add”.

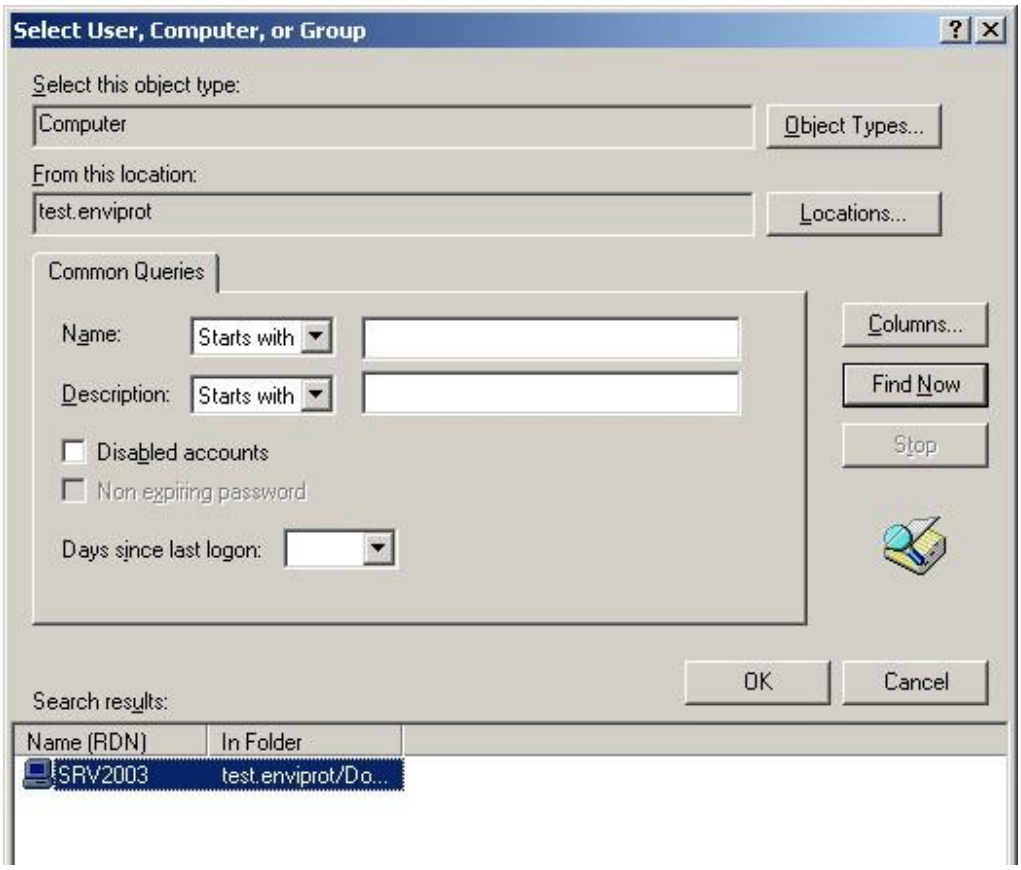


Go to “Members” and filter your domain computers.



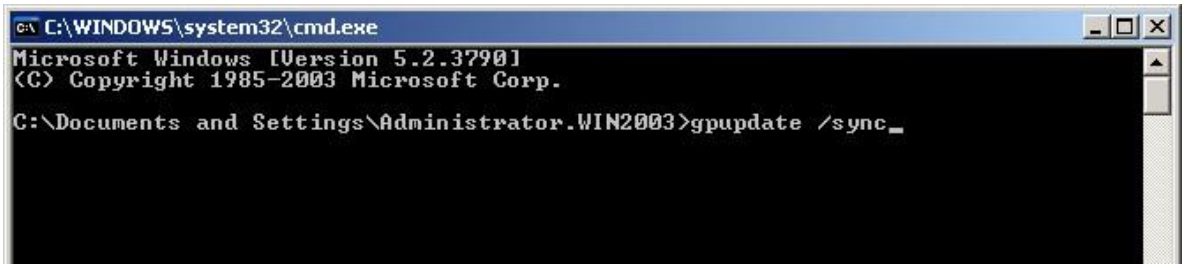


Select the computers to be added and click “ok”.



5. Distribution

The clients will automatically install Auto Shutdown Manager after 1-2 boot cycles. If you would like to speed things up run “gpupdate /sync” in a command windows on each client.

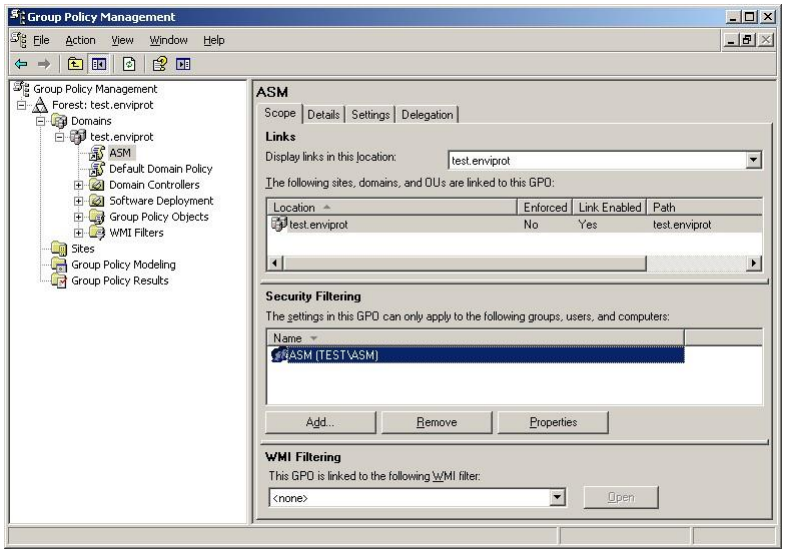


During the next boot you will see a small window indicating the installation of Auto Shutdown Manager.

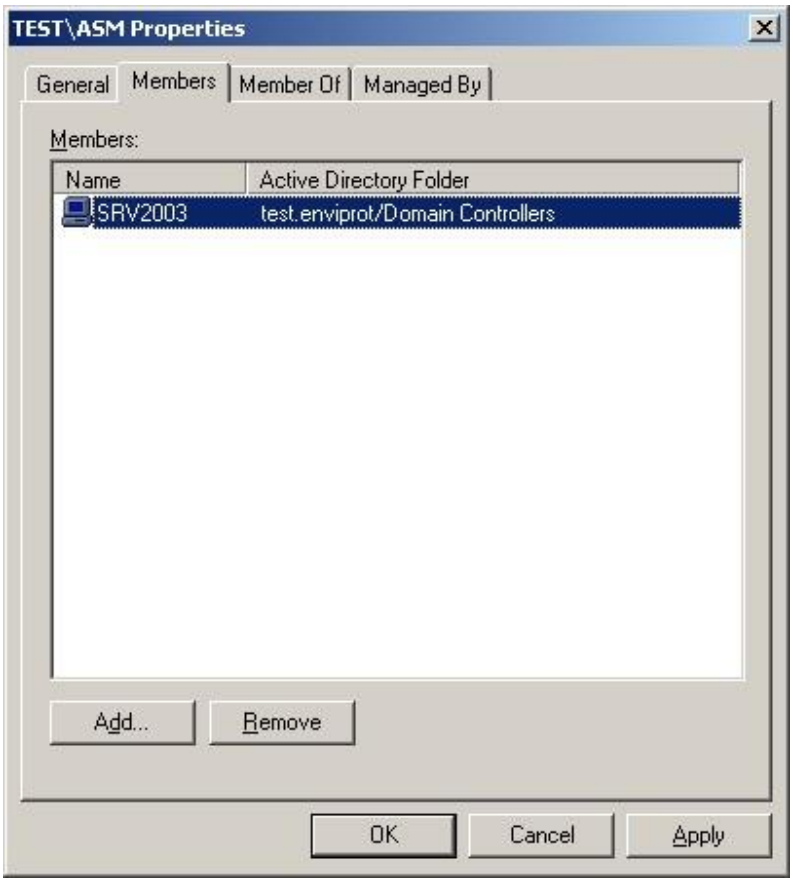
6. Uninstall of Auto Shutdown Manager on clients

In order to remove Auto Shutdown Manager from a client computer just remove the computer from the ASM group.

Open the Group Policy Management Editor and go to security group.



Double click “ASM”, go to “Members” select the computers to uninstall Auto Shutdown Manager and click “remove”.



After 1-2 boot cycles of the client computer Auto Shutdown Manager should be automatically uninstalled, indicated by a window during the boot process.

Please visit us at www.envirprot.com