EnviProt
The PowerSaving Company

Quick Installation Guide

Server and mass deployment to Clients

Auto Shutdown Manager

Release 5

Install on the Server First

First, download the 45 day trial release from

https://www.enviprot.com/en/downloads

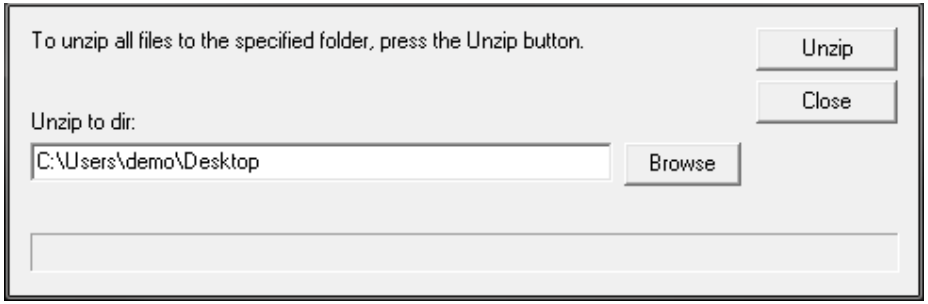
This is a self-extracting archive which includes the installation file called AutoShutdownManager5.msi

Install on the Server First

Copy the file AutoShutdownManager.exe to your server - if its not already there - and double click on it to start the installation process

Install on the Server First

Enter the path where you'd like to unzip and save the AutoShutdownManager5.msi file.



This file will be needed later for the client installation.

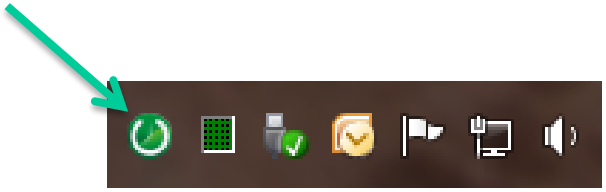
The installation process starts immediately.

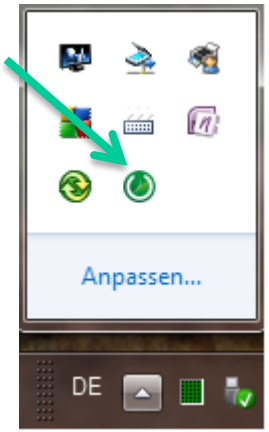
Follow the next few installer screens until the installation gets completed. Please make sure that no anti-virus or other tools are blocking the setup process.

Install on the Server First

Please wait for the system tray icon to initialize. You will receive a notification in the bottom-right corner of your screen. Note that the initial setup may take a few seconds.

Once the tray icon is active, double-click on it to launch the Auto Shutdown Manager application interface.



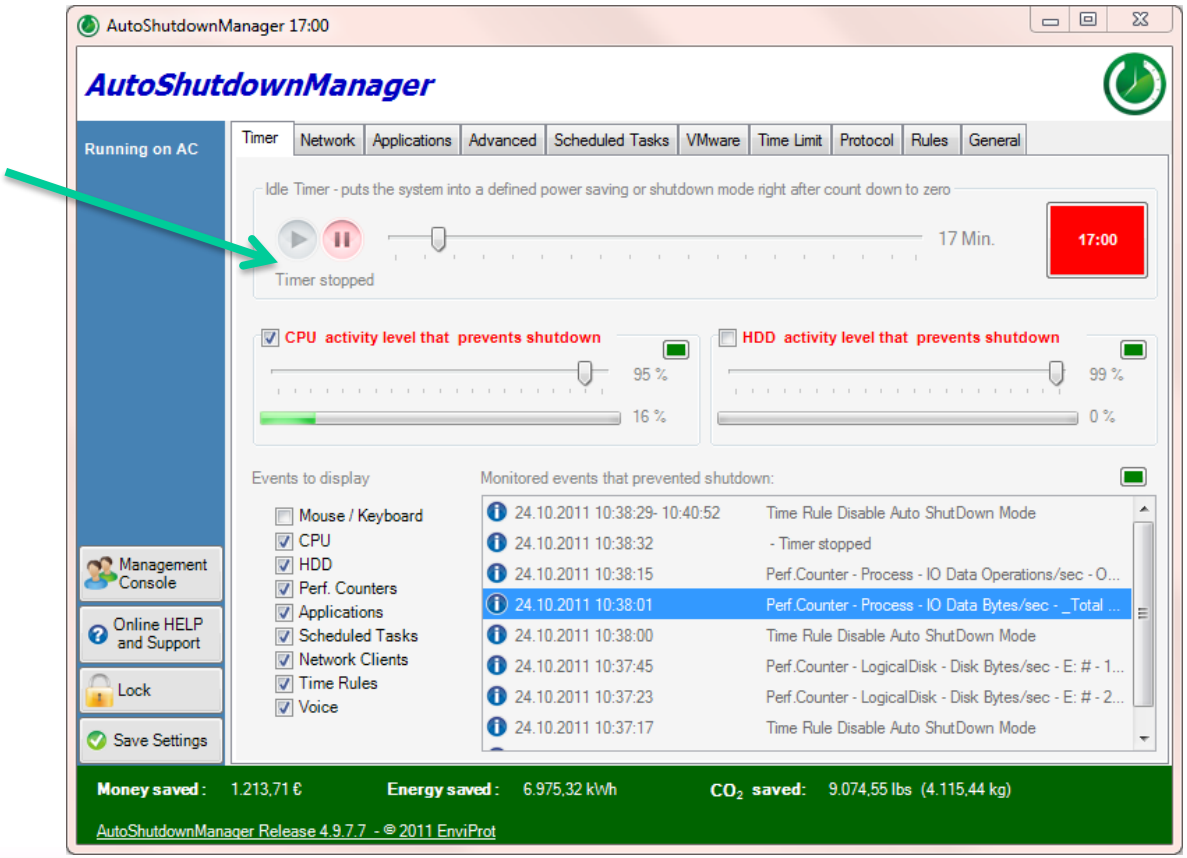


Install on the Server First

Bypass the password prompt by selecting 'Continue'.

Install on the Server First

Please ensure that the Idle Timer is currently deactivated.
If it is running, click to stop it.

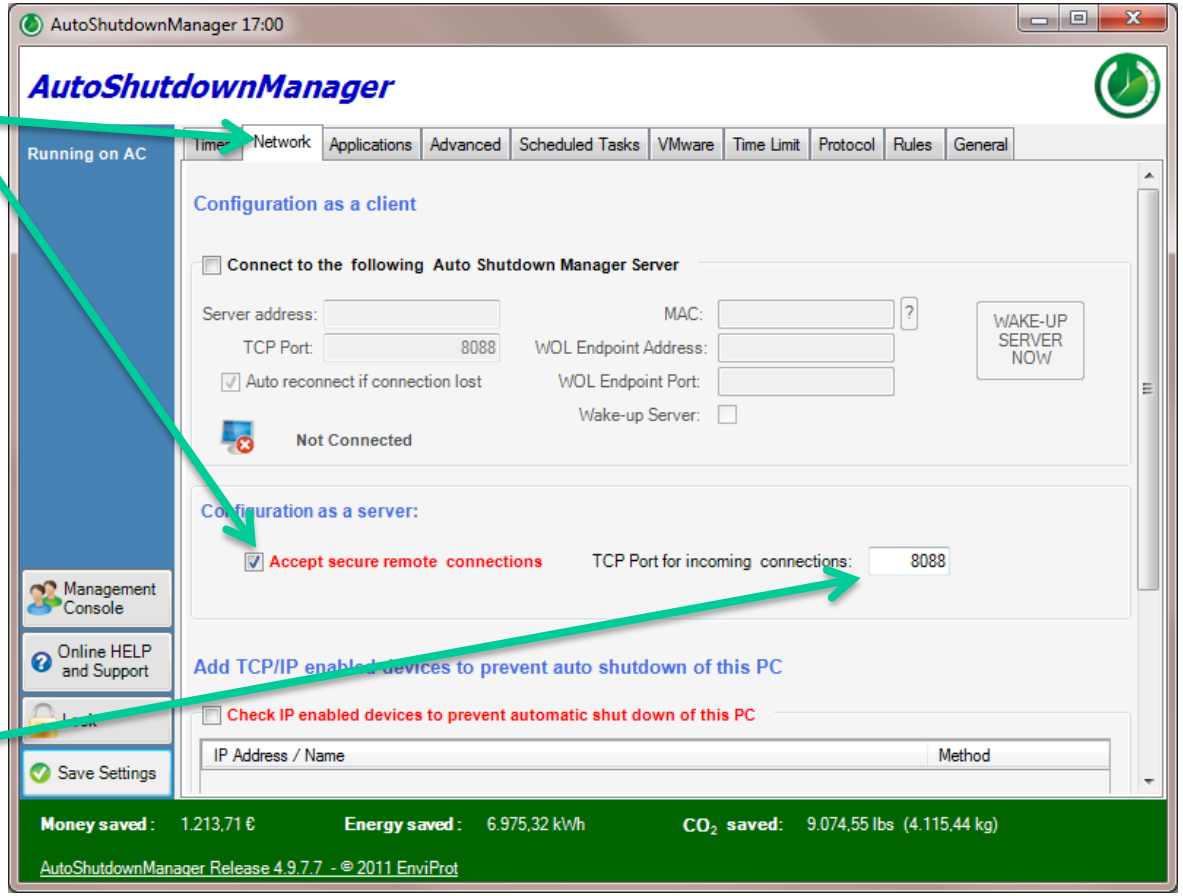


Install on the Server First

Ensure that the server mode is activated.

Additionally, verify that the incoming TCP Port, typically set to 8088 by default, is not obstructed by the firewall or any antivirus software. This step is crucial to maintain a connection between Auto Shutdown Manager Clients and the server.

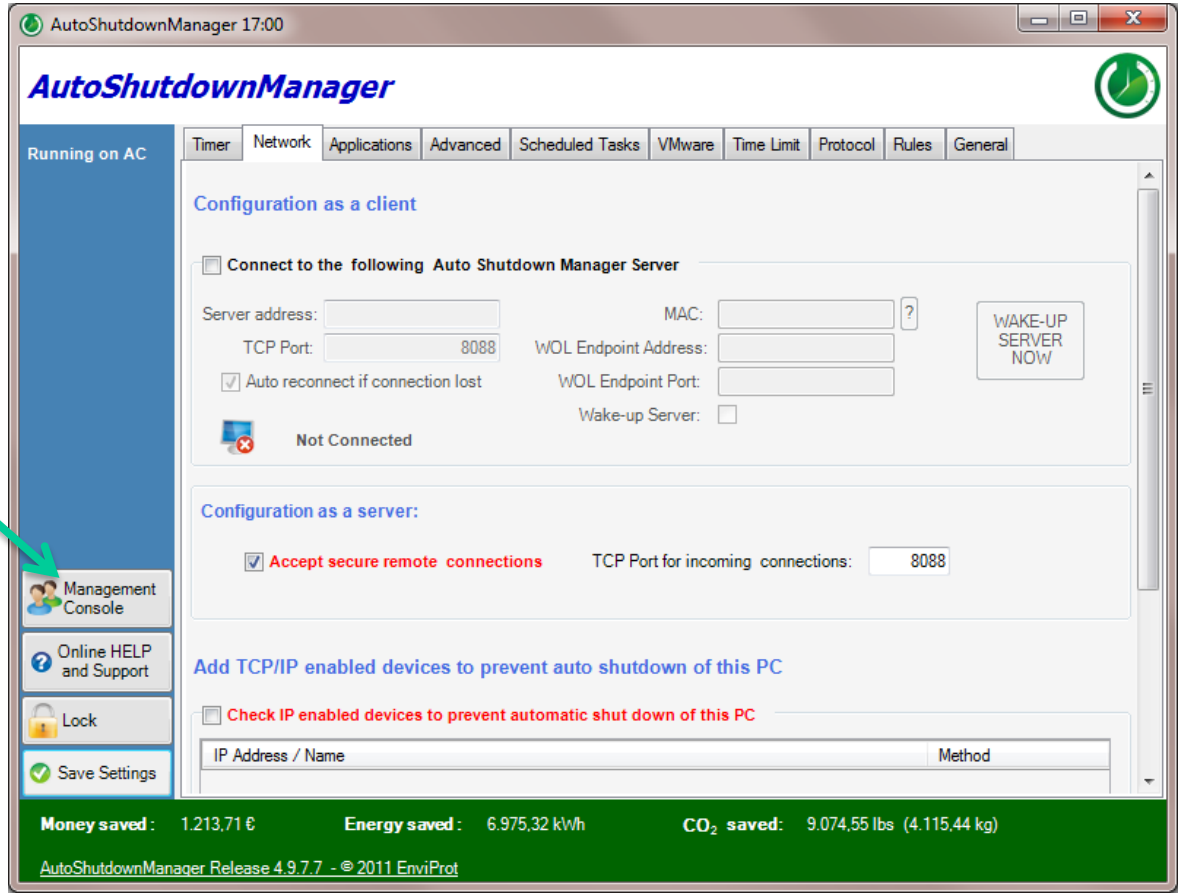
Should there be issues with client connections, please revisit this setting for troubleshooting.



Install on the Server First

Open the

Management Console



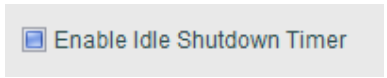
Setting states

You have the option to grant select experienced users direct access to the ASDM Client, enabling them to configure their own settings. Through this approach, you can delineate which settings users are permitted to adjust and which ones will remain mandated by the server.

Certain settings may exhibit three distinct states, allowing for nuanced control and configuration.

Enforced - Enabled

Enforced - Disabled

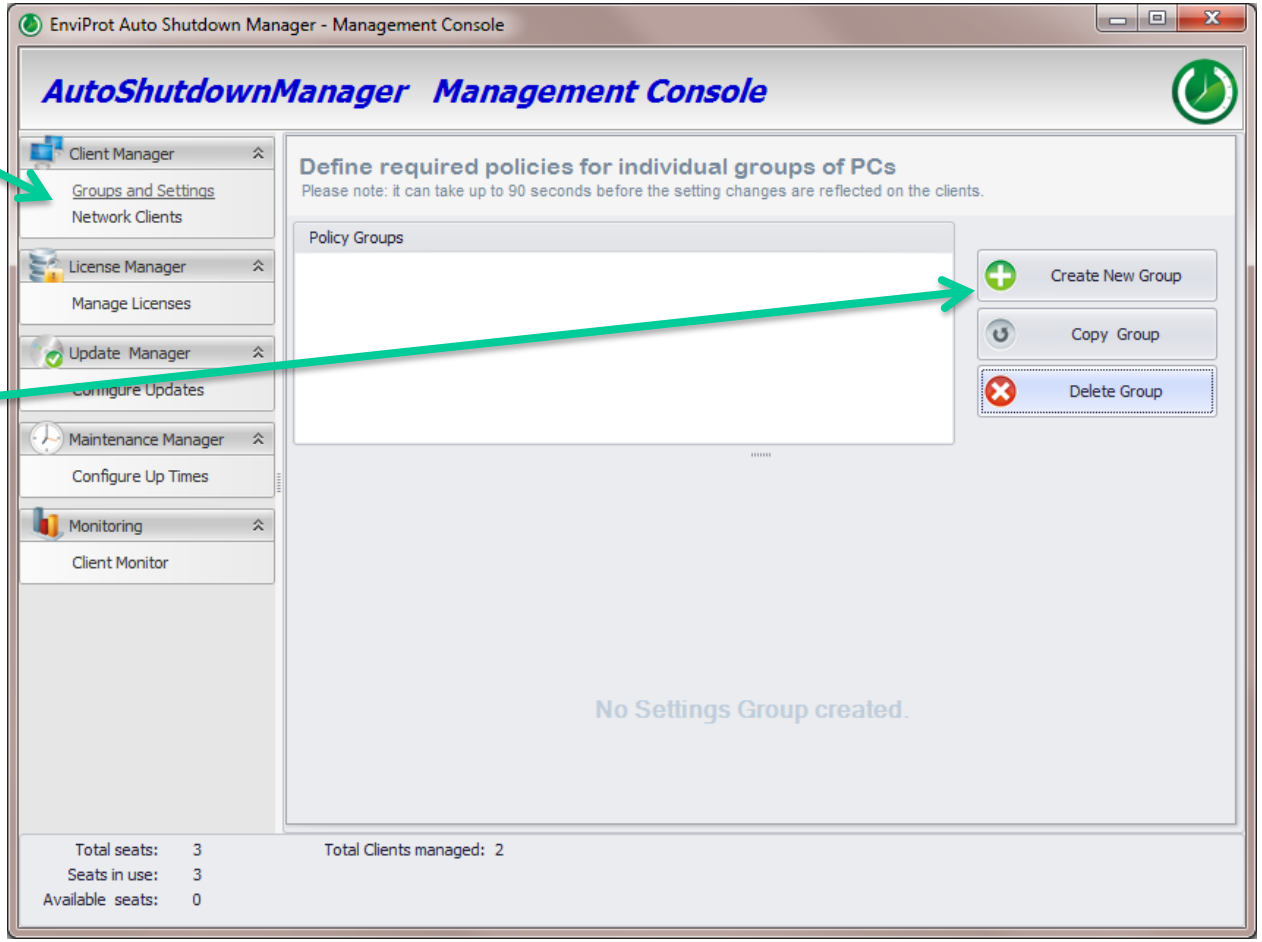


Not enforced by the server so users may decide

Client settings are managed in Policy Groups

Navigate to “Groups and Settings”

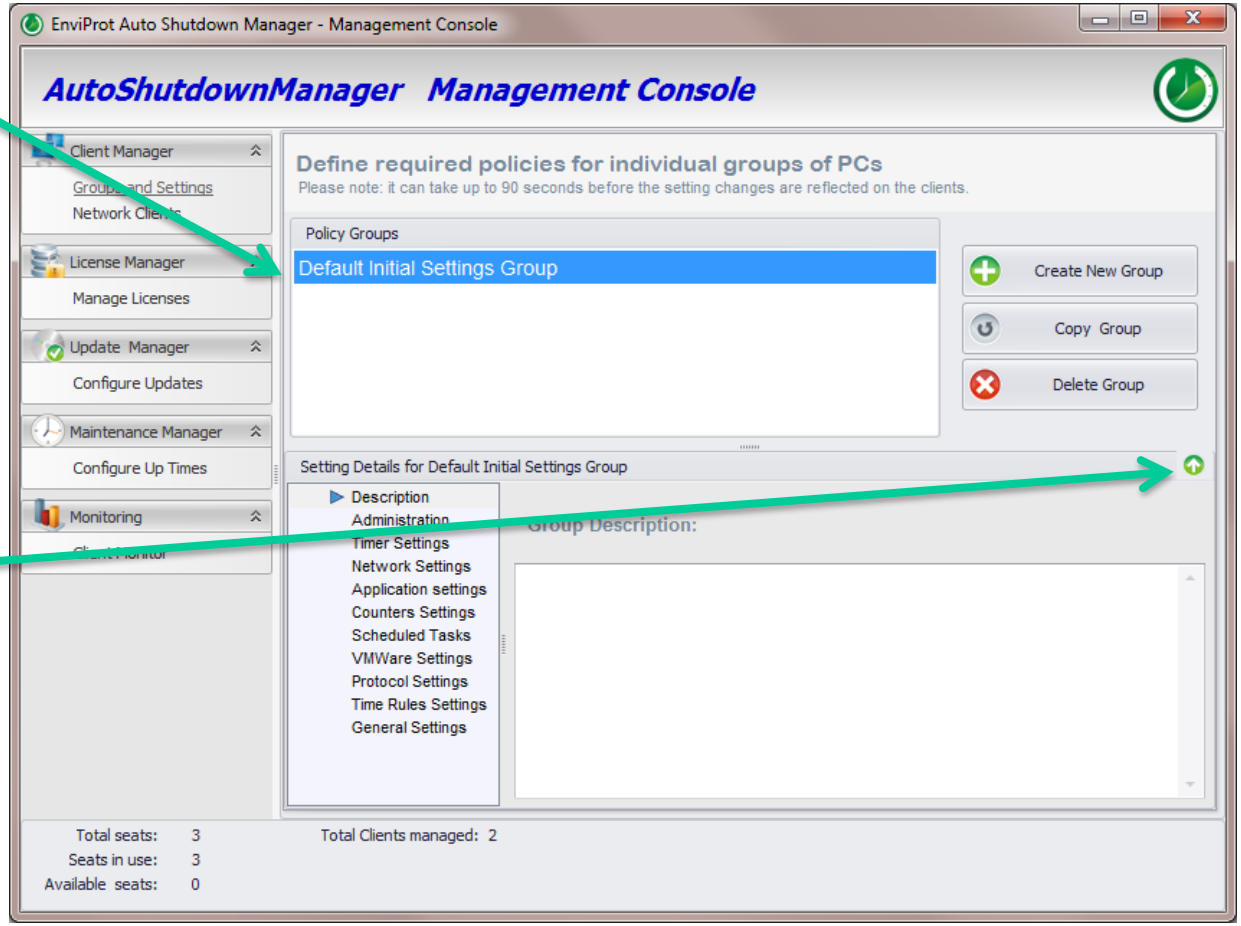
Create a new group to assign PCs for specific power management settings and administrative options. Each group will define distinct configurations.



Install on the Server First

Double-click or press F2 to input a descriptive name for the group.

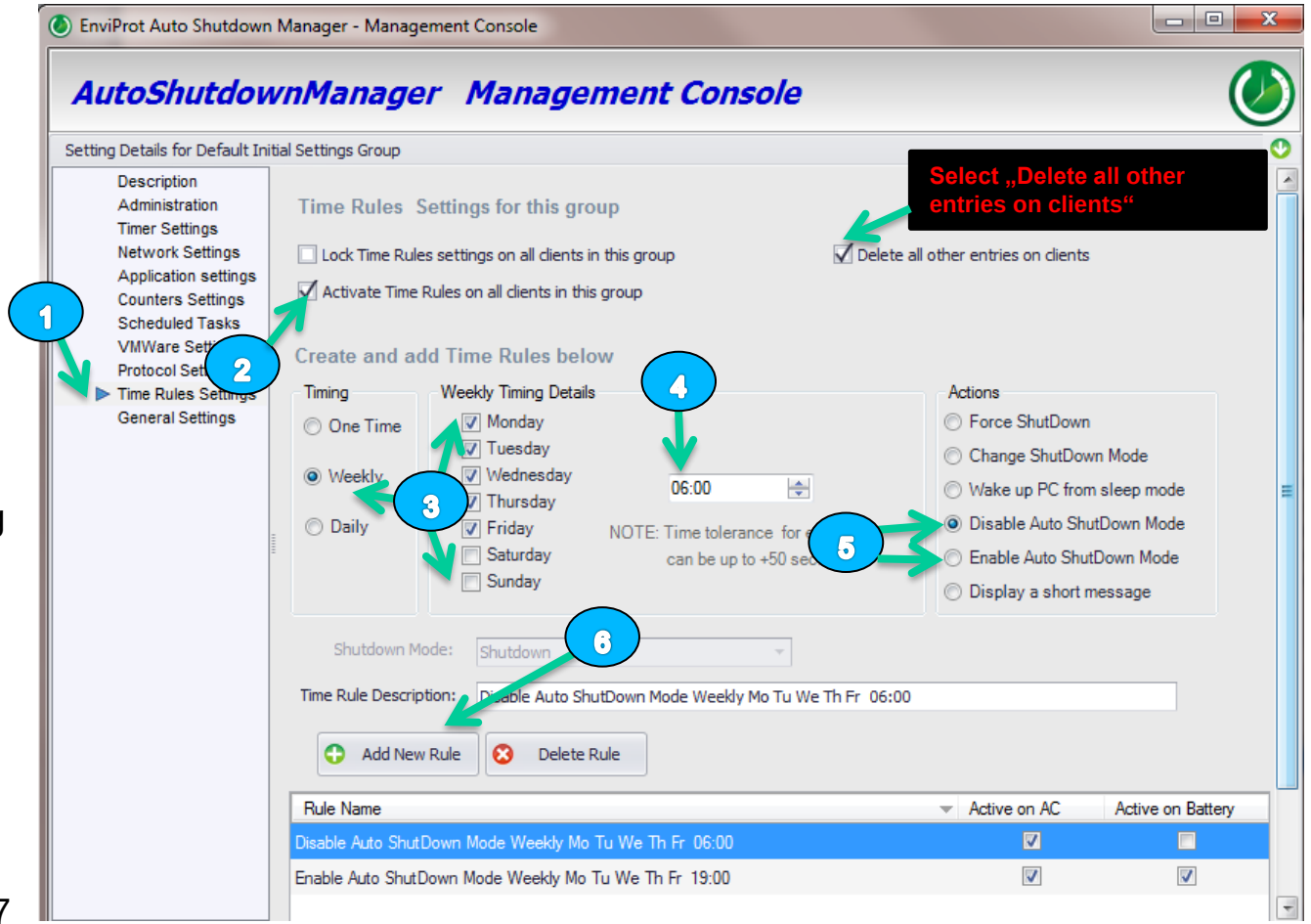
To zoom into the settings form click on the up button



First, configure when PCs must not shut down

We advise initiating the configuration with Time Rules.

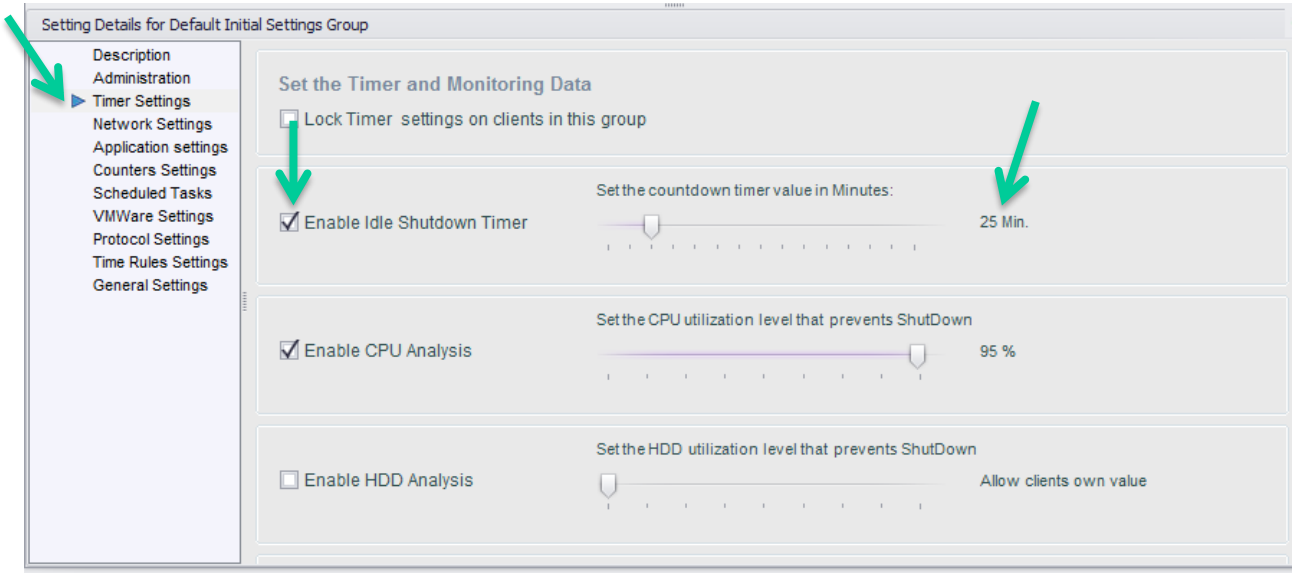
Incorporate rules to Disable and Enable Auto Shutdown Mode, which will help avert idle shutdowns within specified durations. Disabling Auto Shutdown halts the Idle Shutdown Timer on client machines, ensuring that idle PCs remain operational until the Enable Auto Shutdown Rule is reinstated. Utilize this feature to delineate critical operational hours or class times, such as from 6 AM to 7 PM.



Shut down unused (idle) PCs

If users neglect to power down their PCs post-work, the Idle Timer will intervene to shut them down automatically. The standard idle period is set between 15-30 minutes.

Crucially, PCs will remain operational if they are actively used, regardless of the time. Active applications, network utilization, process activity, and other criteria can be configured to accurately identify productive status, thereby averting premature shutdowns.



Idle Shutdown Mode

Define the specific shutdown action to be taken when the idle timer expires and is set to turn off the PC. You can opt for a consistent shutdown approach, such as always selecting "Power Off."

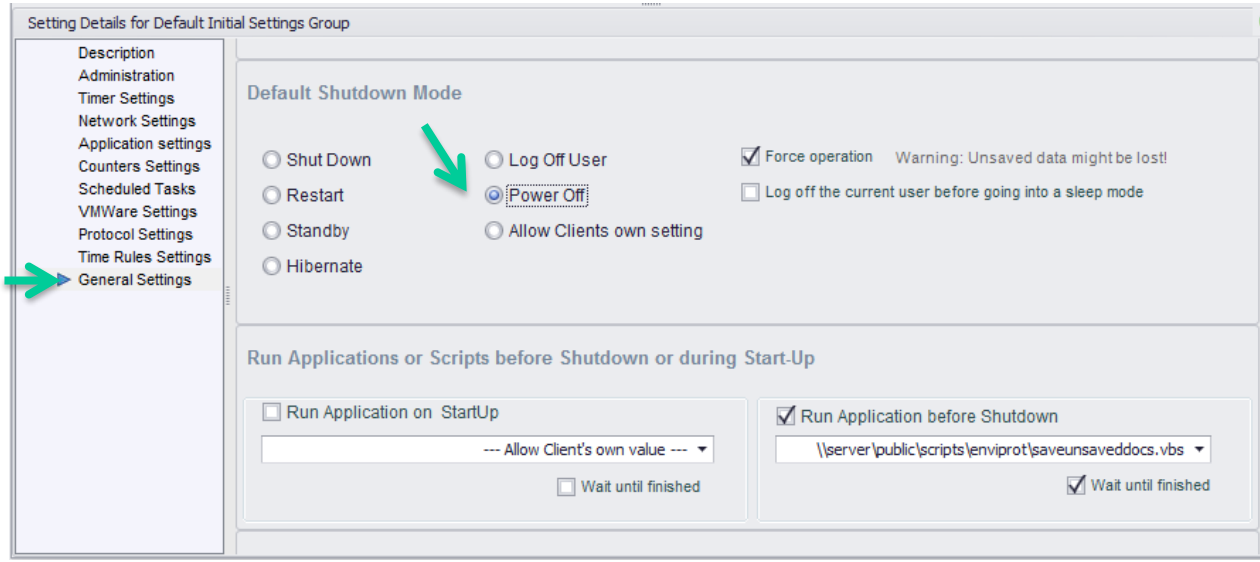
Alternatively, you may establish varied shutdown protocols based on the time and day of the week. For instance, to accommodate idle shutdowns during lunch breaks, you could implement the following schedule:

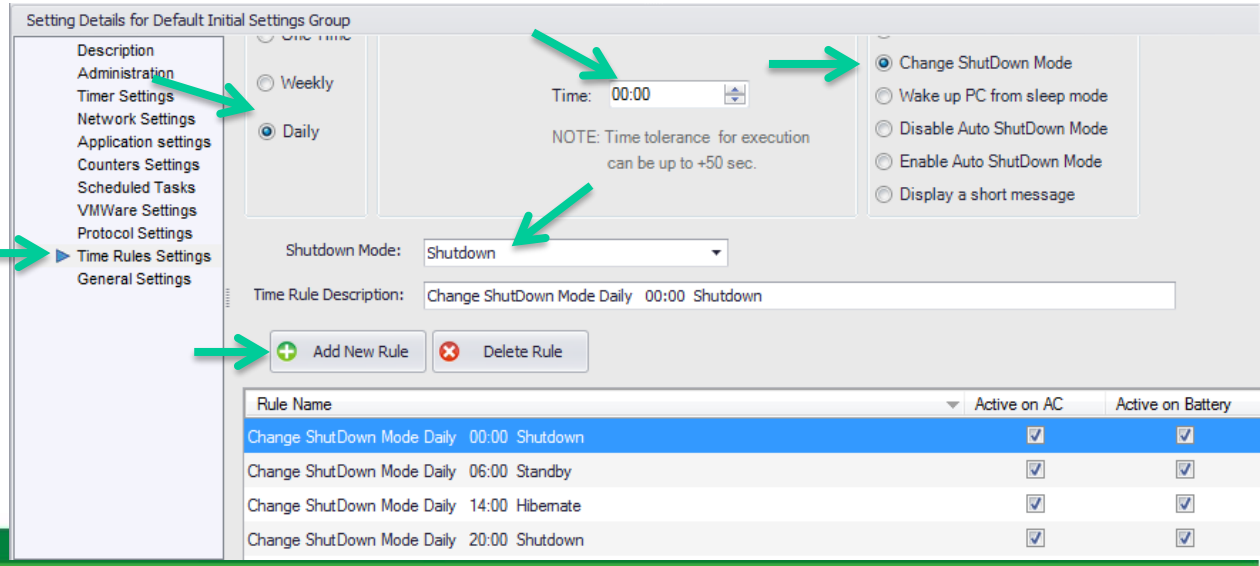
```
Between 6 AM and 2 PM: Enter Standby mode

Between 2 PM and 8 PM: Hibernate

Between 8 PM and 6 AM: Power Off
```

Remember, Time Rules will take precedence over the general default shutdown setting.



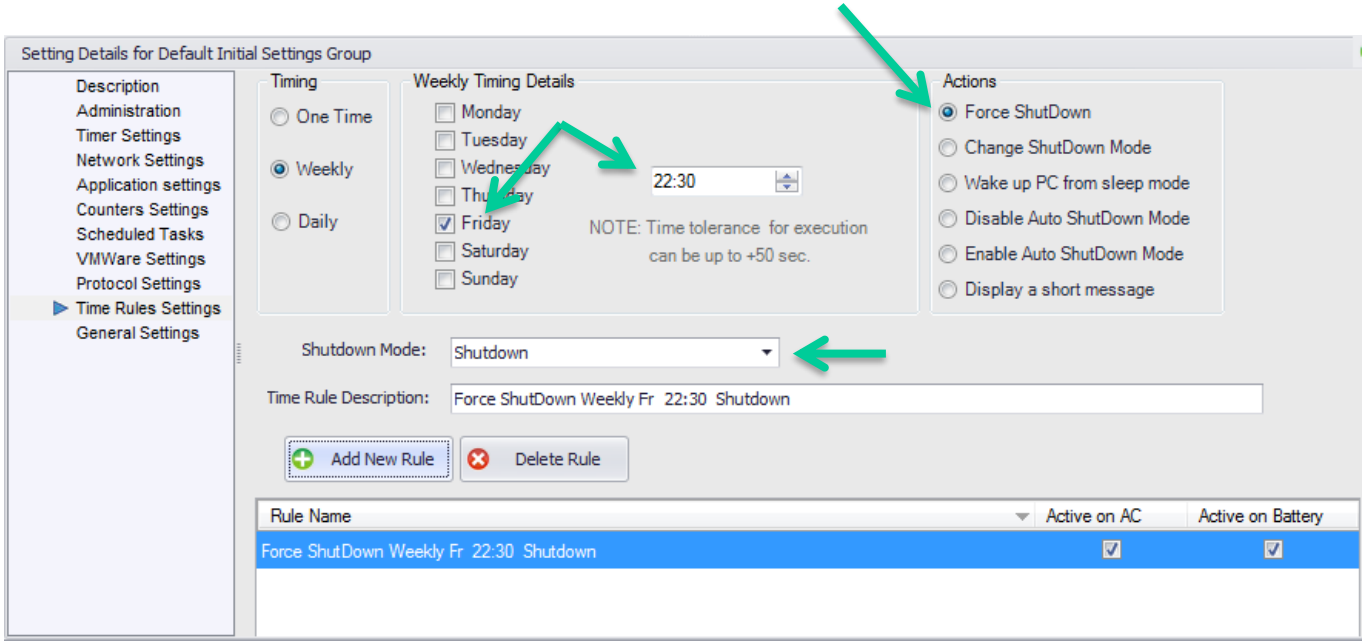


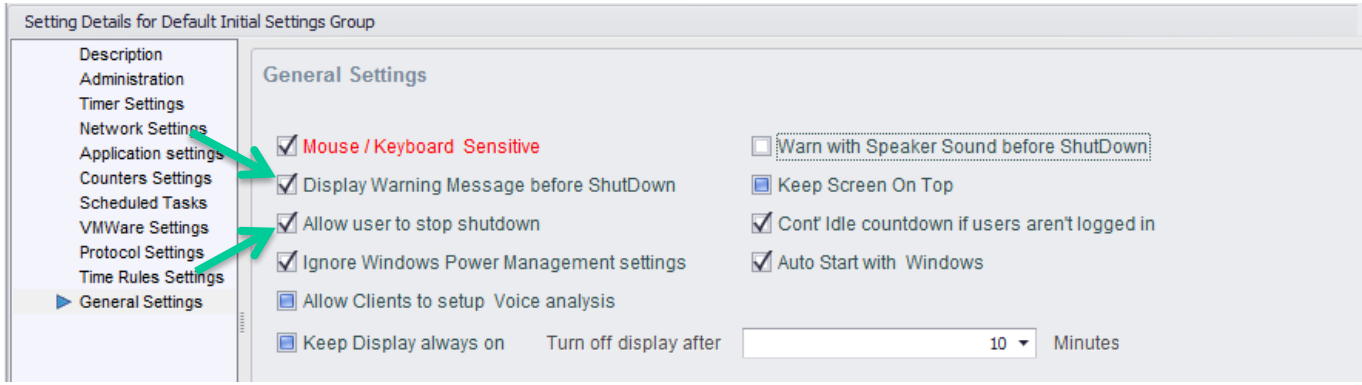
Forced Shutdown

You also can enforce shutdowns

And…

also define, if users should be notified and allowed to prevent it



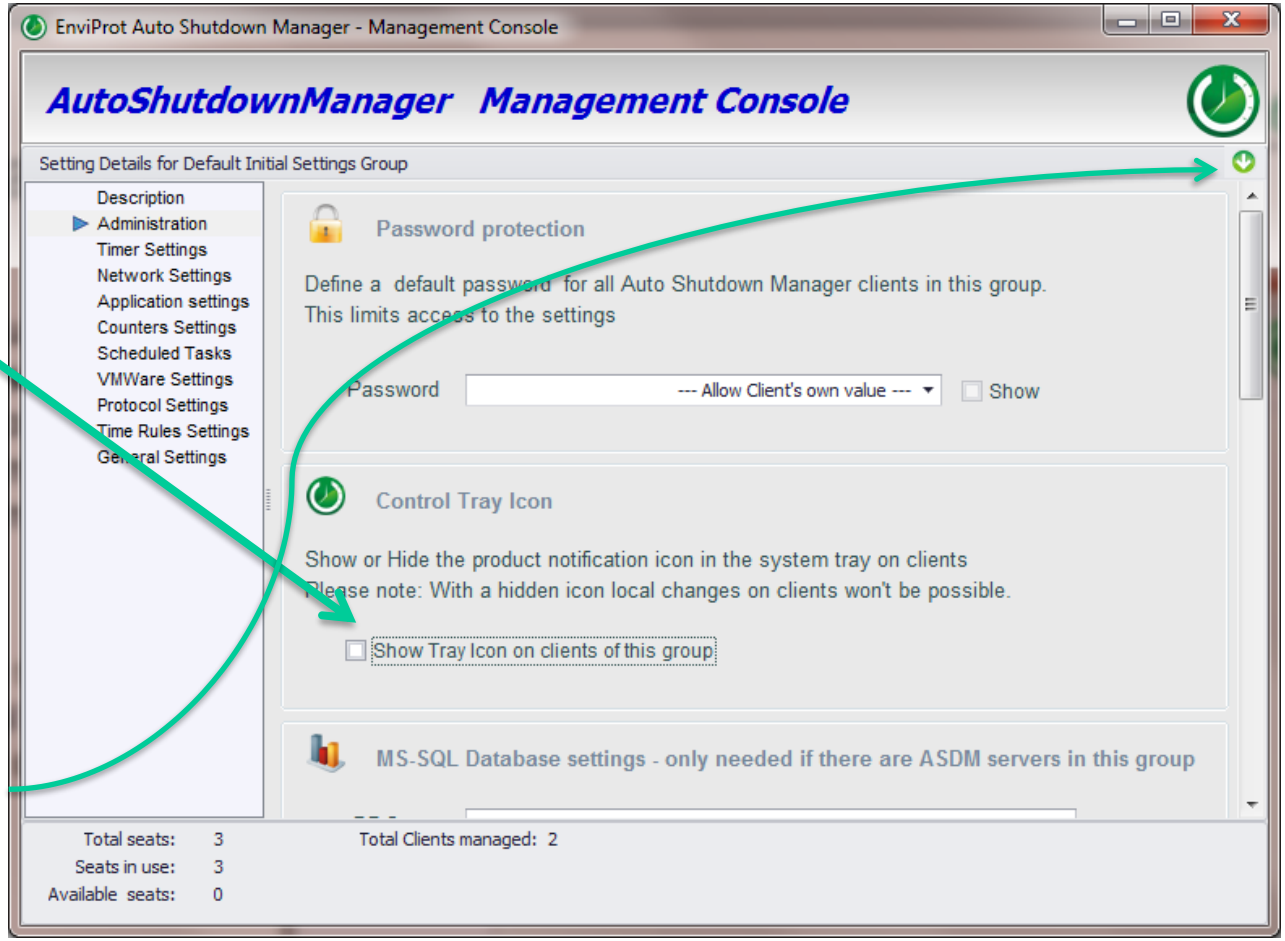


Install on the Server First

Configure all other useful and needed settings such as hiding or showing the program icon and the program group on clients, Warnings etc.

See the manual for all other options and setting details

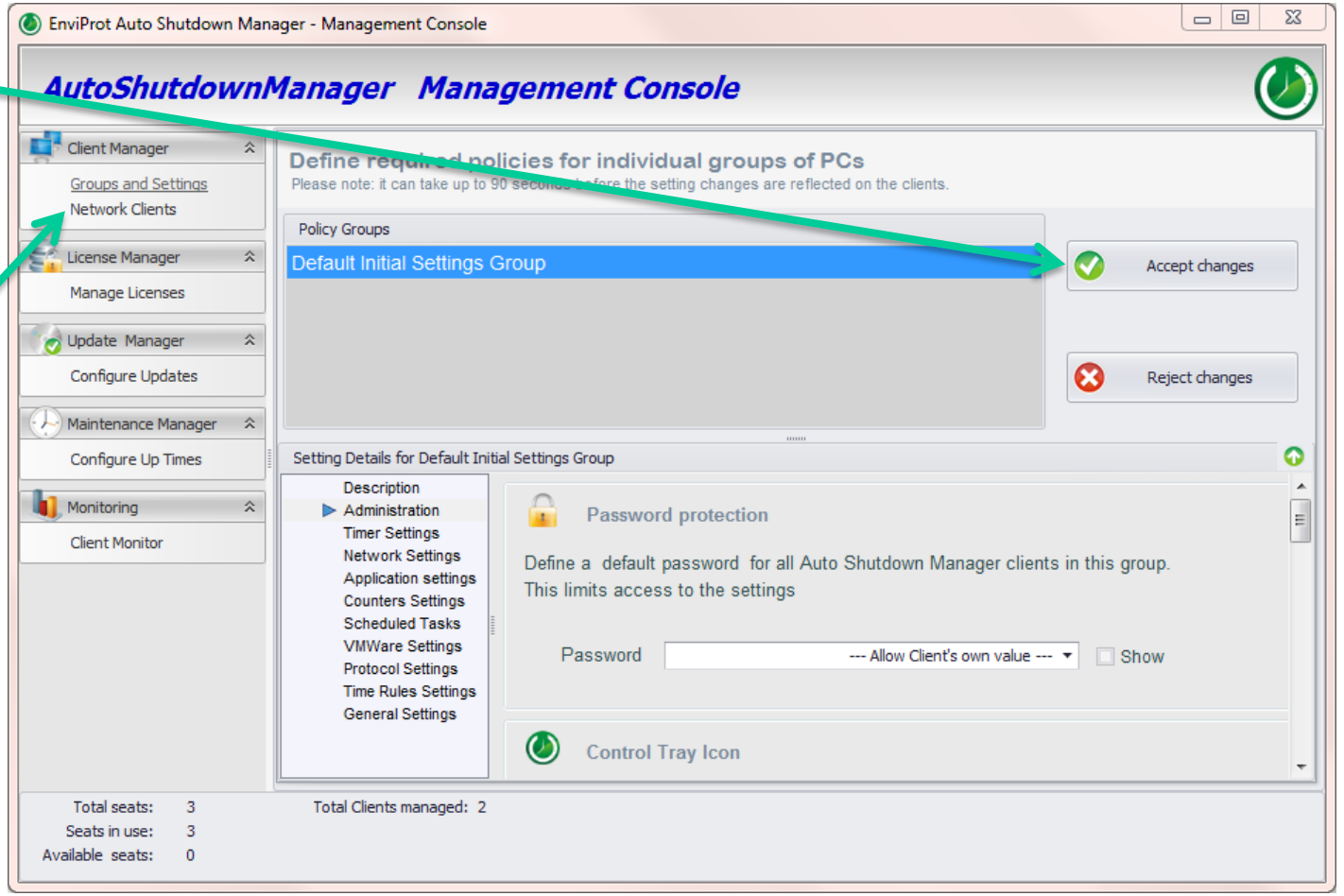
When finished, zoom out of the settings form again



Install on the Server First

Save all changes

Now, open
“Network Clients”

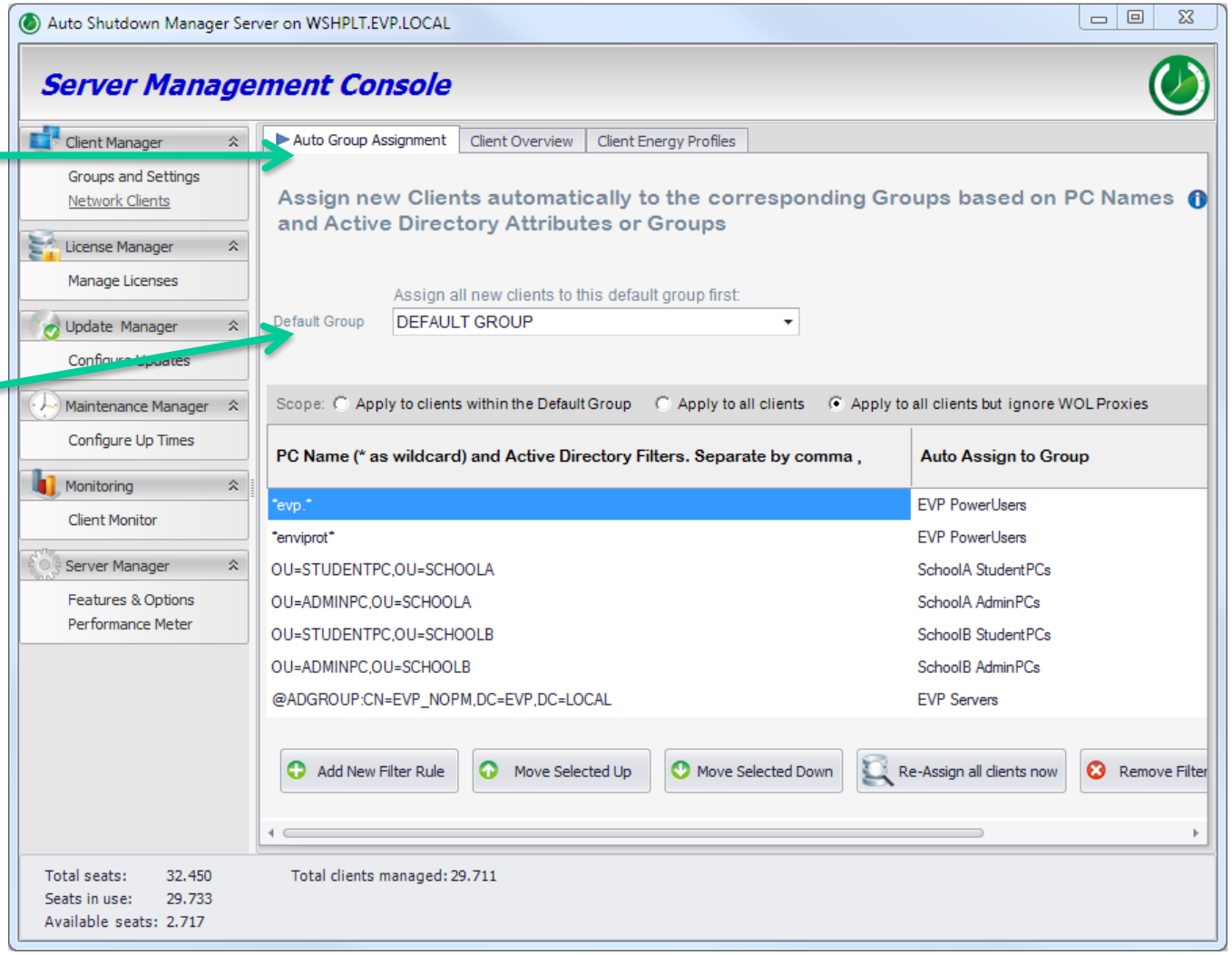


Install on the Server First

Open
“Auto Group Assignment”

Define the created group as the default group for new clients (or create another one with different settings as needed)

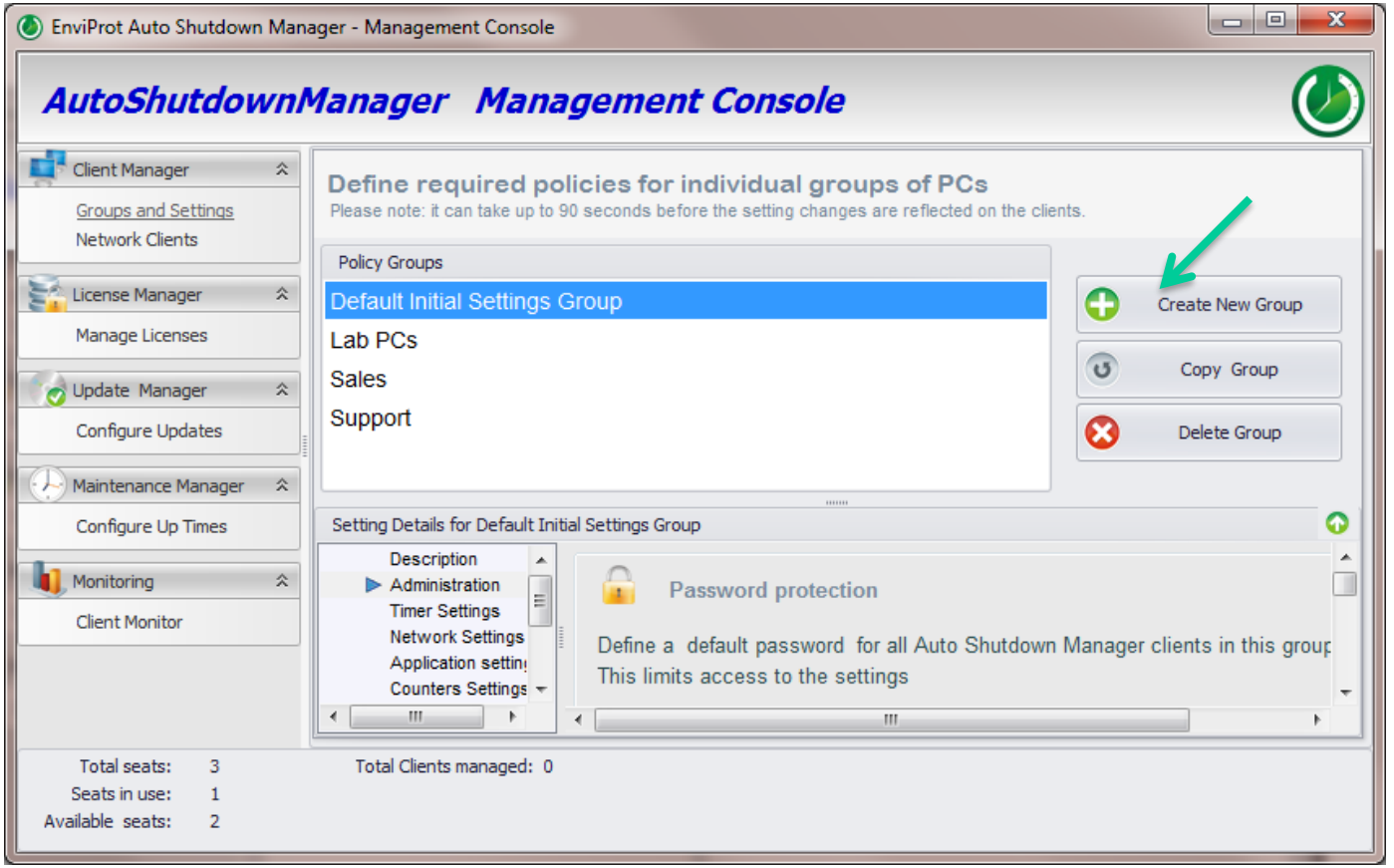
Now, all new clients will receive the initial settings – and can then be automatically assigned to another final group (if wanted)



Install on the Server First

Now create additional setting groups as you like and need.

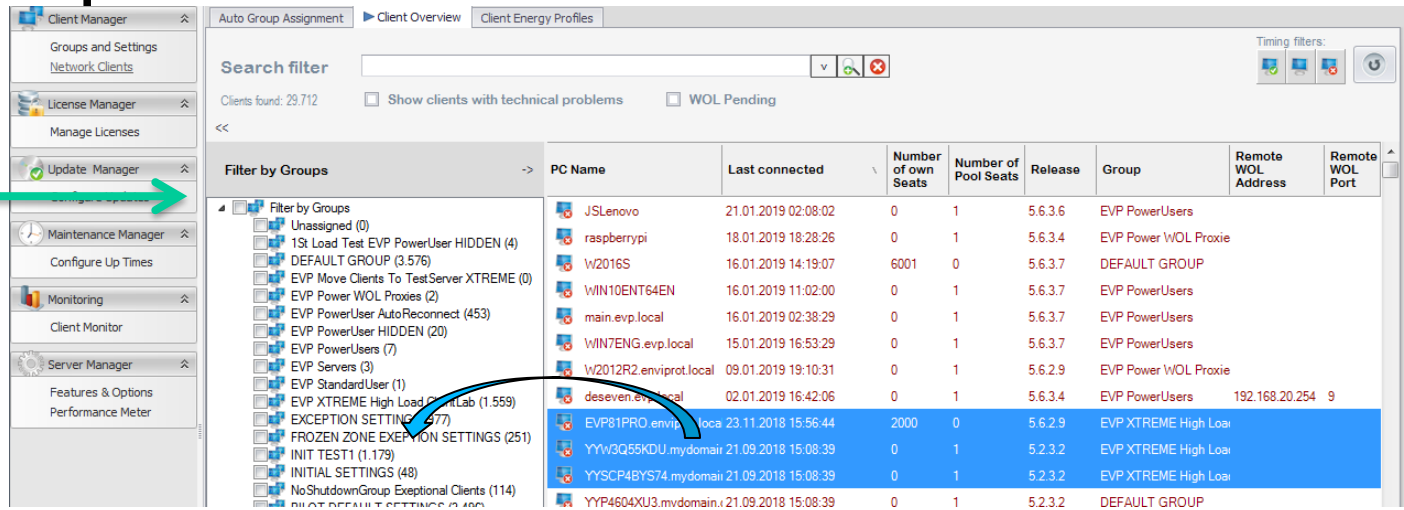
Use Copy Group to create a new Group based on the settings of another group.



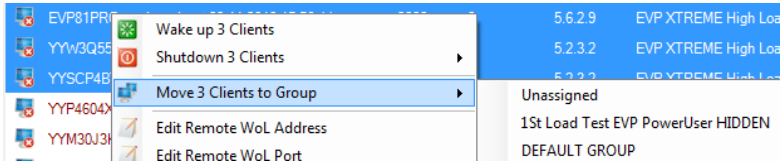
Manual Assignment of Clients to Setting Groups

To reassign clients to another Group you can:

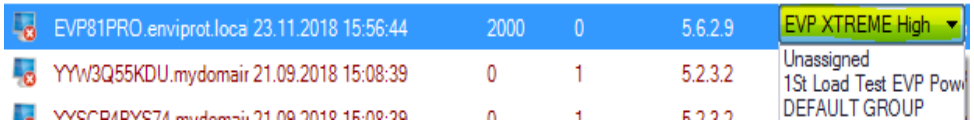
1) Open the Group Filters and Drag & Drop selected clients



2) Right-Click on selected Clients and chose "**Move Clients to Group**" from the Context Menu



3) For single clients, double clock the Group Name directly and select another Group

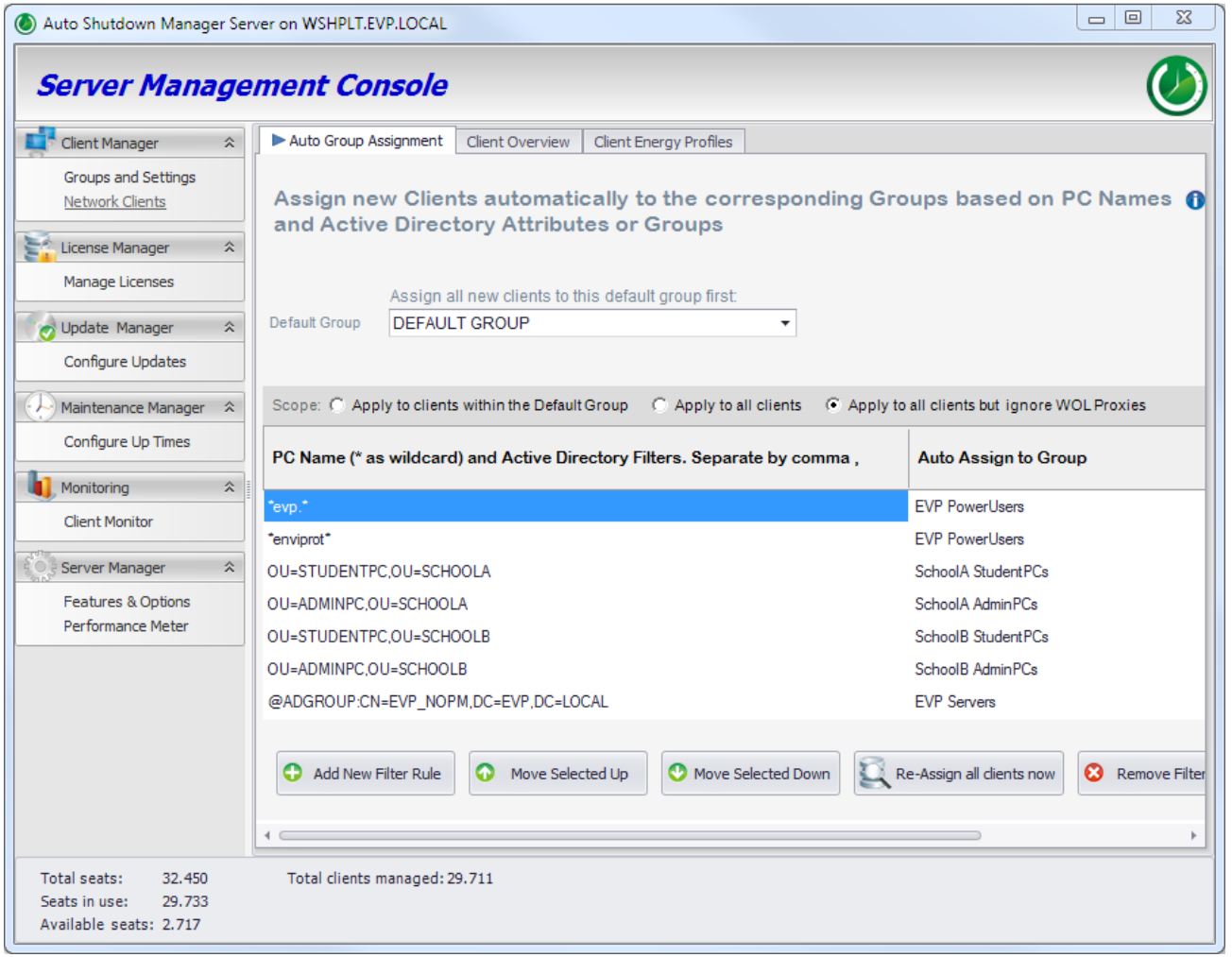


Please note that the Auto Group Assignment filters have higher priority and may reset your manual assignments.

Auto Assignment of Clients to Setting Groups

You can use the Active Directory attributes or AD Group Membership and/or filters based on PC Names to automatically assign new clients to the corresponding setting groups.

Please see the manual for many examples and details.



Install on the Server First

The most important server settings are done.

Now deploy and auto configure the Auto Shutdown Manager clients.

Install the clients

Use or create a network share for the mass deployment. Make sure all client PCs have read rights to it.

Copy the AutoShutdownManager5.msi file into that share and create a file called **server.ini** using a text editor.

Enter the server's IP/Name into the first line and the server Port Number into the second line. Your server.ini should look like:

MyServerNameOrIP

8088

Now, the share - for example \\MyServerNameOrIP\public\software\ASDM - contains the AutoShutdownManager5.msi and server.ini files

Alternatively you can use parameters to the msi file such as msiexec.exe /i Autoshutdownmanager5.msi server="ServerNameOrIP" port=8088. See the manual for more details.

Install the clients

Now, you can start the client deployment using your common software deployment tool.

See here how GPO can be used for mass deployments
https://www.enviprot.com/Software/ASDM_GPO_Deployment.pdf

Finished

Post-Installation Client-Server Integration:

- **Upon installation, clients automatically connect to the server.**
- **Initial settings are deployed to each client.**
- **If configured, clients are then assigned to their respective setting groups.**
- **Clients receive their final configurations and management directives.**

Specials Cases
Image based client systems

Compatibility with Provisioning or Image-Based Environments:

In environments like XEN provisioning, Rembo, etc., where OS and certain partitions are reset upon restart, Auto Shutdown Manager is fully compatible.

The software is designed to adapt to environments where system configurations are frequently overwritten or reset.

For Detailed Deployment Instructions:

Please refer to the 'Deployment within image-based client systems' section in the manual for comprehensive guidance.

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Thank you!

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