Benefits:

• Changing logon scripts is much easier than batch files

• Full logging capability is built-in, writing to the user’s temp folder

• Users can run simultaneous logon scripts at once, such as in a nested OU structure

• One can edit the configuration file with little fear of breaking the main core logon script

• Drives and printers can be mapped or removed based upon group/OU memberships

• Include snippets of VBScript code based upon group/OU membership

How to call logon script with configuration file:

Example:

* logon.vbs config:teller\_config.conf

Logon process components:

There are three main components to the logon script/process:

• Logon.vbs

• Configuration file (named global.conf for the purposes of these instructions)

• Include file (optional, called by configuration file)

The logon.vbs file is a centralized logon script that has various functions and Subroutines in it that help process the other files which are passed as Command-line options. You do not run this script alone - rather, you must pass a configuration file as a command-line argument, denoted by "config:example.conf"

The configuration file appears as a quasi html/ini hybrid file which contains parameters and instructions on what to do when executed by the parent file, logon.vbs. This file cannot be run without the logon.vbs calling it first. Typically, these are stored in the "configs" folder located in the same folder structure as the logon script (but not required).

The include file is a file that contains additional VBScript that can be integrated into core logon script. This code can access logon.vbs’ core functions and variables. This is referenced only inside of the configuration file.

Setting up logon.vbs for first-time use:

Copy the logon.vbs to the netlogon folder on the domain controller where the script will be run. Typically, this ends up being "\\aldergrovecu.local\NETLOGON". The script can also be placed on any domain controller in the same location(BRANCH1DC\NETLOGON) and it will replicate to all DC’s.

Let’s say we copied the file to \\branch3dc\netlogon.

Create a ‘configs’ subfolder in the same location where you copied the logon.vbs to ([\\branch3dc\netlogon\configs](file:///\\branch3dc\netlogon\configs)). This is where you will store your configuration files that contain special parameters that you will be passing for specific users or groups or OU’s.

Edit the logon.vbs script to locate the configuration:

There are only two variables that you will need to edit when setting up logon.vbs.

Search for “sConfigFolder" within the logon.vbs file.

This is the variable that stores the path for the configurations folder.

Example: sConfigFolder = strScriptPath & "configs\"

This is the variable that stores the path for the include folder.

sIncludeFolder = strScriptPath & “includes\”

(strScriptPath contains the path of where the script will be running from at the time of execution)

Example of a configuration file

This is an example of a configuration file. Edit it to your needs and save into your configuration folder.

Order: What order to follow in the configuration.

<order>

meta=1

drives=2

printers=3

processes=4

include=5

</order>

Basic Meta Data for description

<meta>

description=For all users

created=02/09/10

author=Rob Dunn

</meta>

What network drives to add or remove.

<drives>

m:\\server\marketing|group:marketing

p:\\server\%sUser%

rem z:\\server\share

</drives>

What printers to add or remove.

<printers>

\\server\pdfcreator;default|group:Print Users

\\server\hpprinter|group:Print Users

\\server\colorprinter|-group:domain users|group:Colorprint Users

\\server\

</printers>

<include>

File1.inc

File2.inc|computerOU:OU=test,OU=domain computers

File3.inc|group:marketing

</include>

Syntax of configuration file

<printers>

\\server\printershare;default|command:parameter

</printers>

<drives>

\\server\share|command:parameter

</drives>

<processes>

\\server\share\file.exe

C:\path\file.exe

</processes>

<include>

filename.inc|command:parameter

</include>

These commands follow the text for drive/printer/include executions.

Commands and parameters

Execute resource based upon group membership

Command: group

Parameter: Groupname

Description: Maps printer/drive/runs function based upon group membership

Applicable: Drives, Printers, Include

Syntax: \\server\printqueue|group:Color Print Users

Do not execute resource based upon group membership (or remove resource)

Command: -group

Parameter: groupname

Description: Removes printer or drive (and path) based upon group membership

Applicable: Drives, Printers

Syntax: \\server\share|-group:Marketing

Execute resource based upon OU membership

Command: Computerou

Parameter: OU=test,OU=structure

Command: UserOU

Parameter: OU=test,OU=users

Description: Maps printer/drive/runs function based upon membership in computer or user OU. This can be partial or complete OU structure Applicable: Drives, Printers, Include

Syntax: \\server\share|computerOU:OU=test,OU=structure

Syntax: \\server\printqueue|userOU:OU=test,OU=users

Do not execute resource based upon OU membership (or remove resource)

Command: -Computerou

Parameter: OU=test,OU=structure

Command: -Userou

Parameter: OU=test,OU=users

Description: Reomoves printer or drive (and path) based upon membership in computer or user OU. This can be partial or complete OU structure.

Applicable: Drives, Printers

Syntax: \\server\share|-computerOU:OU=test,OU=structure

Syntax: \\server\printqueue|-userOU:OU=test,OU=users

Set printer as default

Command: ;default

Parameter: none

Description: Tells logon.vbs to set this printer as the default printer. If two are denoted this way, the default is printer will be the last one processed.

Applicable: Printers

Syntax: ;default (\\server\printqueue;default

Example of an include file:

You would remove the first leading apostrophe and paste the contents into a

file and list it in the includes section of the configuration file to

execute during logon.

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*BEGINNING OF FILE\*\*\*\*\*\*\*\*\*\*\*\*\*

Pass the path to the shortcut

msgbox "The currently logged on user is " & sUser & ", logged into domain: " & sDomain & "." writelog("Logging information to the logfile from the include file.")

''\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*END OF FILE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Log files:

When the script processes a configuration file, it is stored in the users

%temp% folder. It is named logon-nameoffile.conf.log - where the name of the

log file is dependent upon the name of the configuration file that was being

passed. You can use this file to troubleshoot logon issues.

'------------------------------------------------------------------------------'