Auto SysPrep Win10

Wednesday, June 29, 2022   11:34

Script1
Script2
Script3
Script4
CommandScript

1. Startup the new out of box system and enter BIOS
   (Don't connect to network)
   a. Boot Configuration > NICs to top (IPV4 then IPV6)
   b. Turn off "enable secure boot"
   c. Storage > Switch from RAID to AHCI.
   d. Save & Exit BIOS.

2. Boot to a current version of the Windows 10 ISO.
   (if it doesn't work, Jasim might need to touch it first)
   a. Go through the Windows 10 installation
      (not upgrade)
   b. Delete all existing partitions.
      (only partition should be a single, Unallocated Space partition)
   c. On the "Region Selection" screen, press CTRL+SHIFT+F3
      (System will reboot in audit mode and login as the local administrator)
   d. Cancel the Sysprep dialogue box if it appears.
      (If the system goes to sleep, don't try to log back in. Just reboot the system and it will log back in automatically.)
   e. Network can be connected now.

3. On a flash drive:
   a. Copy the "Windows 10 New System Setup"
      (Nextcloud > ETS Tech Docs > Sysprep)
      (This contains the copyprofile.xml answer file and install.wim files needed to create a custom Default profile, as well as other tools and programs used later in the setup)
   b. Along with model specific driver cab
      (google: Latitude XXXX driver pack)
   c. Client-specific files such as desktop background
      Be sure to rename the logo to 'logo.jpg'

4. First Automation Script:
   (NOTE: Some settings will not apply until reboot. Examples: Drivers & Wallpaper Color)
   a. Create folder in root of C:\ called 'ImageSetup'
   b. Extract Driver CAB.
   c. Install drivers

4.

Wallpaper Color)
   a. Create folder in root of C:\ called 'ImageSetup'
   b. Extract Driver CAB.
   c. Install drivers
   d. Disable driver updates through Windows Update
   e. set "small icons" for desktop.
   f. Remove drop-shadow for desktop icons
   g. Enable L2TP
   h. Disable "Hide extensions for known file types.
   i. Move "copyprofile.xml" and "install.wim" to the root of the C: \ drive.
   j. Set UAC level (lowest)
   k. point and print restrictions to Enable
   l. Disable Windows 10 Welcome animation
   m. *Disabled sleep & screen timeout settings*
   n. *copy logo.jpg to c:\Windows*
   o. *Create Folder "Apps" in c:\.*
   p. *Desktop Wallpaper (Logo, Color, & Centering)*

5. Windows Updates:
   a. Reboot system, connect to internet, and install windows updates

6. Customize the Administrator account with the settings wanted for the mandatory/Default profiles
   a. Office Apps
      (don't open Office apps or install license key if using KMS activation)
      i. For Office 365 use the office deployment tool to download and install
         (Do not open any office apps after installation)
         1) Copy the "odt" folder from the "Windows 10 New System Setup" folder to the root of the C drive.
         2) Configure installOfficeProPlus32.xml to download the appropriate version of Office
            (Product ID = "ProPlus2019Volume" or "O365ProPlusRetail").
         3) Download - From c:\odt run the following command: setup.exe /download installOfficeProPlus32.xml
         4) Install - From c:\odt run the following command: setup.exe /configure

7. Second Automation Script:

installOfficeProPlus32.xml

       4)

command: Setup.exe /configure installOfficeProPlus32.xml

7. Second Automation Script:

NOTE: The script will pause half way, that is when you want to do:
    Install/Download other Apps
    Copy any post-installation programs to the 'C:\Apps' directory (Lanschool, iBoss, etc).
    Set Startup Page to 'www.google.com'

   a. Installs Chrome & Adobe
   b. Delete Desktop Icons
   c. Clear File History
   d. Reset apps to default settings
   e. Change Time Zone
   f. Clear Chrome Browser History & Cookies
   g. Adds: (user folder, public folder, applications folder) to desktop

8. Manually add desired icons

9. Disconnect from network and run 'C:\ImageSetup\AutoWinImg\SysPrepUnattend.bat'

10. After system shuts down
   a. restart it
   b. create an account called admin and with clients local admin password
   c. In privacy settings only leave Location checked.
   d. After desktop access:
      i. Setup built in administrator account
      ii. set local admin password as well
      net user administrator /active:yes
      net user administrator L@dmin1Be (for Bridge elementary, as an example)

11. For School systems:
   a. Make a folder titled "Profiles" in C:\Users\Public\.
   b. Copy the default profile to the following locations (READ NOTE): C:\Users\Public\Profiles\Student.v6 and Lab.v6.
   *(NOTE: In System>Advanced Settings>User Profiles, make sure Mandatory check box is **NOT** checked, and permission to use is set to*

   c. Change ntuser.dat file to ntuser.man in both profiles. Delete the User Folder shortcut on the lab profile

Mandatory check box is NOT checked, and permission to use is set to everyone)

   c. Change ntuser.dat file to ntuser.man in both profiles. Delete the User Folder shortcut on the lab profile desktop

12. Reboot system and log in as LAdmin.

13. Briefly connect to the internet to activate windows.

14. Third Automation Script:
   a. Remove Windows 10 pre-installed apps with this powershell command (as an administrator):
     Get-AppxPackage -AllUsers | Remove-AppxPackage
   b. Run disk cleanup
   c. Delete the copyprofile.xml & install.wim files and "Windows 10 new system setup" & the driver folders from the c:\ directory

15. Finalize:
   a. Reboot system, then log into the local administrator account
   b. then reboot and login once more

16. Fourth Automation Script:
   a. Delete contents of the Panther folder in the Windows directory and in the Sysprep directory.
   b. Clear Recent files one last time.

17. Delete C:\ImageSetup

18. Run sysprep with the generalize and shutdown options (do not use an unattend.xml answer files.
   C:\Windows\System32\Sysprep\Sysprep /generalize /oobe /shutdown