Laptop/Desktop Data Transfer Script

Computer Reimaging Backup/Restore

# Introduction

These procedures provide instruction on how to backup data with scripted automation. Use this to back up data of an existing Windows 7 computer prior to upgrading the computer or hard drive to Windows 10. Once the upgrade is complete, you will be able to restore the data to the Windows 10 computer.

The process can be done when the computer is on a wireless or Ethernet connection, but may be faster when on Ethernet.

# Setup – Prepare to Use the Script

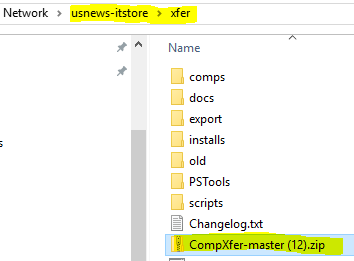
Create a Shared Folder on a file server this will be the installation folder. We will name it XFER. NOTE: This is a one-time setup. You do not need to create multiple XFER folders. You can run multiple backups/restored using the same folder. During the “Get” process a text file is created. The file has names of the folder to copy from it has the drives and printers. Once you run PUT it uses that file so it knows where to copy data from and maps drives and printers.

**\*\*** You’ll need Admin credentials and file server access in order complete this step.

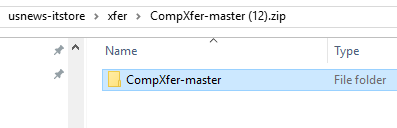
Make sure that all the users at your site have read and write access to the XFER folder.

Open the XFER folder you just created by using the UNC path in explorer, from your workstation.

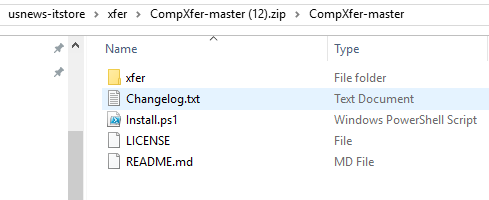
1. Double-click on file CompXfer-master.zip (number does not matter)



Which will open up to this:



1. Open the CompXfer-master folder to reveal its contents…



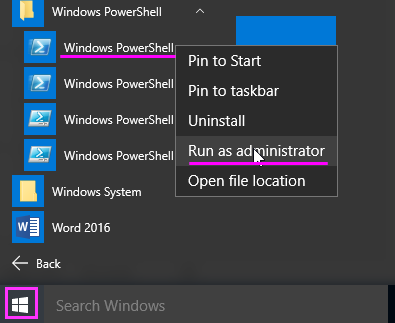
Copy the CompXfer files into the XFER folder.

**Note**: PowerShell needs to be enabled on computer(s) you’re working with for this to work.

If you have not changed the execution policy for PowerShell do so now.

Open PowerShell

* Windows 10 PC: Click Start > All Apps > Windows PowerShell – right-click and choose Run as Administrator
* Windows 7 PC: Click Start > All Programs > Accessories > Windows PowerShell – right-click and choose Run as Administrator



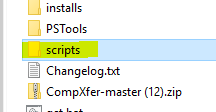
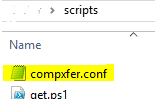
Type the following command: Set-Executionpolicy RemoteSigned

Click Yes to all

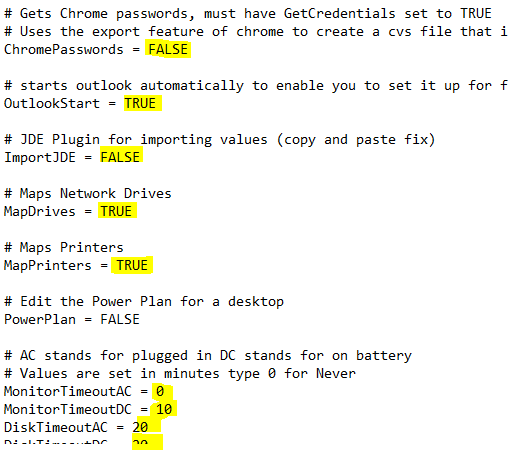
You now can run PowerShell scripts

Go back to the XFER folder and right click on install.ps1 and run with PowerShell.

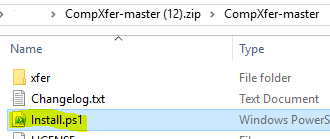
Go to the scripts folder, and open CompXfer.conf in notepad.

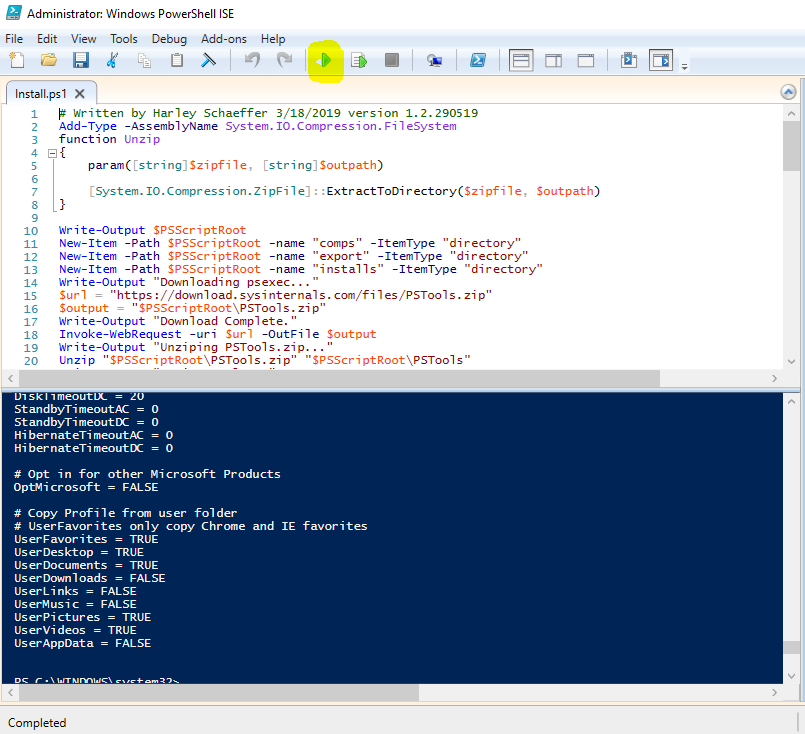
 

Change these settings to your liking…



Go back to the XFER folder and right click on install.ps1 and run with PowerShell.





The Next Step. Using the Script.

## Using the Script

**Running Get.bat**

1. Go to the PC that you would like to copy the profile from
2. Go to the XFER folder
3. Run get.bat
4. You will see a window pop up.
5. Hit ENTER to continue
6. Once this is complete a file will be created in XFER\Comps

\*\*NOTE\*\* get.bat does not copy files. It simply is getting ready so when you do put.bat, put knows what it is getting from the old PC. Therefore, both PCs need to be powered on for this full process.

**Running Put.bat**

**\*\*This PC should be imaged, on the domain and signed into by the user\*\***

**Remember- the old PC must be powered on**

1. Open Windows Explorer on End User PC
2. Type \\server\XFER\put.bat
3. Run Put.bat from the New PC
4. Type the name of the Old PC and press Enter (It will remember that last one you did by default)
5. When prompted to allow PowerShell to run, select yes, and input your admin credentials if/when prompted.
6. You’ll see various windows pop up while the configurations are run
7. When done- Press “Enter” to continue

**Step 1- Get (Retrieve back-up files)**

1. Shift right click on \\usnews-itstore\xfer\get.bat
2. Run as Other user.
3. Type in your a-username (Admin Credentials)
4. Type in a computer name and hit enter
5. A file will be created in \\Server\xfer\#pcname#
6. (\*The user must be logged on and the computer not locked.)

**Step 2- Put (Place backed up files on new or replacement computer)**

1. Log into new computer with the user credentials after it has been joined to the domain.
2. Run \\Server\xfer\put.bat
3. You can hit enter if you see the name of the old computer or you may type in the old computer name if it is not displayed.
4. User Account Control will pop up for windows PowerShell, hit yes
5. It will then copy over data.