

CIT_Setup

A PowerShell based application designed to automate the initial setup of a new or reloaded computer

This allows for a good portion of the new/reloaded computer setup process to be completed automatically so you don't have to keep going back to reboot the machine for updates, you only have to run through a couple of installers etc

It saves a lot of unnecessary back and forth when setting up new or reloaded machines freeing up time to concentrate on other things

Location

SharePoint: Convene IT Documents - Documents\Scripts\CIT_SetupEXE

Direct download: https://github.com/CITsetup/CIT_Setup__exe/archive/master.zip

Versions

Chorley - Installs windows Updates

Manchester - Does not install Windows Updates

Functionality

CIT_Setup.exe

1. Installs setup scripts version of your choice
2. Runs setup scripts if you choose

Setup Scripts

1. Runs manual Team Viewer installer
2. Installs Windows Updates
3. Renames the computer
4. Removes unwanted AppX packages (Candy Crush etc)
5. Installs Chrome, 7zip & Adobe Reader DC
6. Cleans up hard drive
7. Outputs information for Confluence to %userprofile%\Desktop\Computer-Survey.txt

Scripts will handle all required reboots during the setup process

Usage Instructions

Initial Windows Setup - IMPORTANT

During the initial windows setup create the local admin account (user1) leaving the password field blank

It is important that the account has no password as this allows auto login on each reboot so the scripts can continue without user interaction

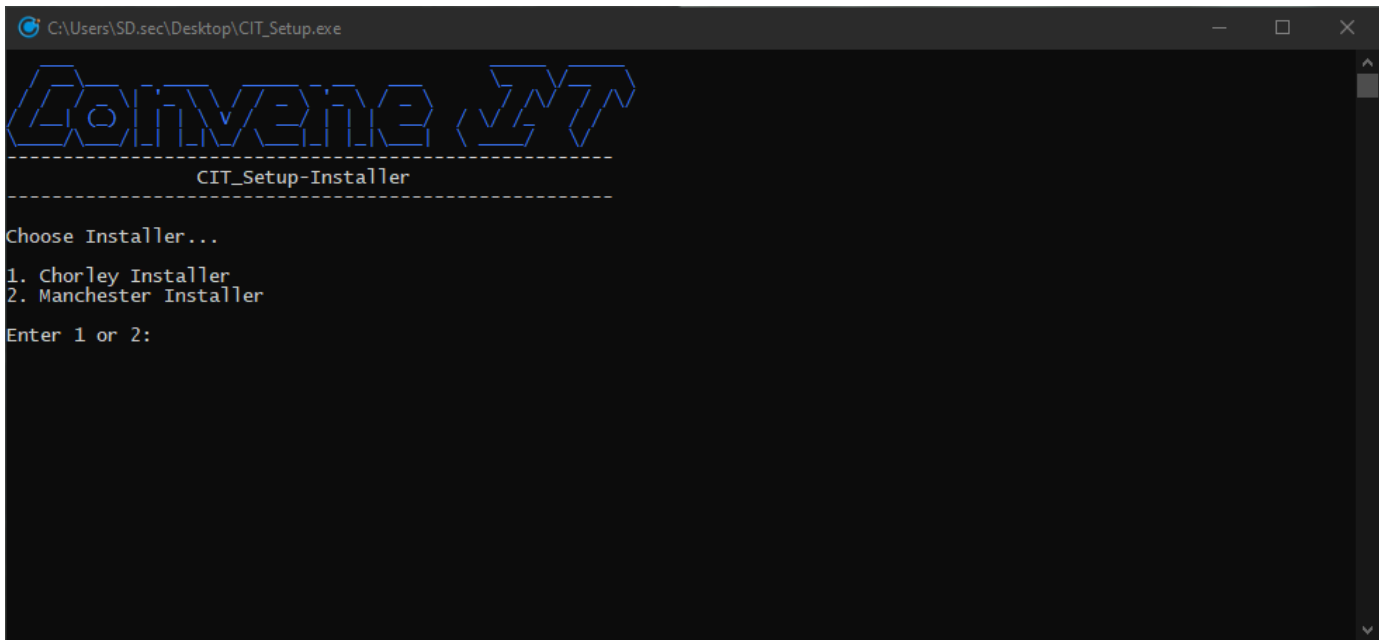
1. At the 'How would you like to setup?' stage, choose 'Set up for an organisation' then choose 'Domain join instead'
2. Set the username as 'user1' and leave the password field blank

Password to be set manually on completion of setup scripts

CIT_Setup.exe

Once initial Windows setup is done and you are logged in

1. Copy **CIT_Setup.exe** anywhere onto the new/reloaded machine. Run it and Accept the admin prompt
2. You will be asked which version you want to install

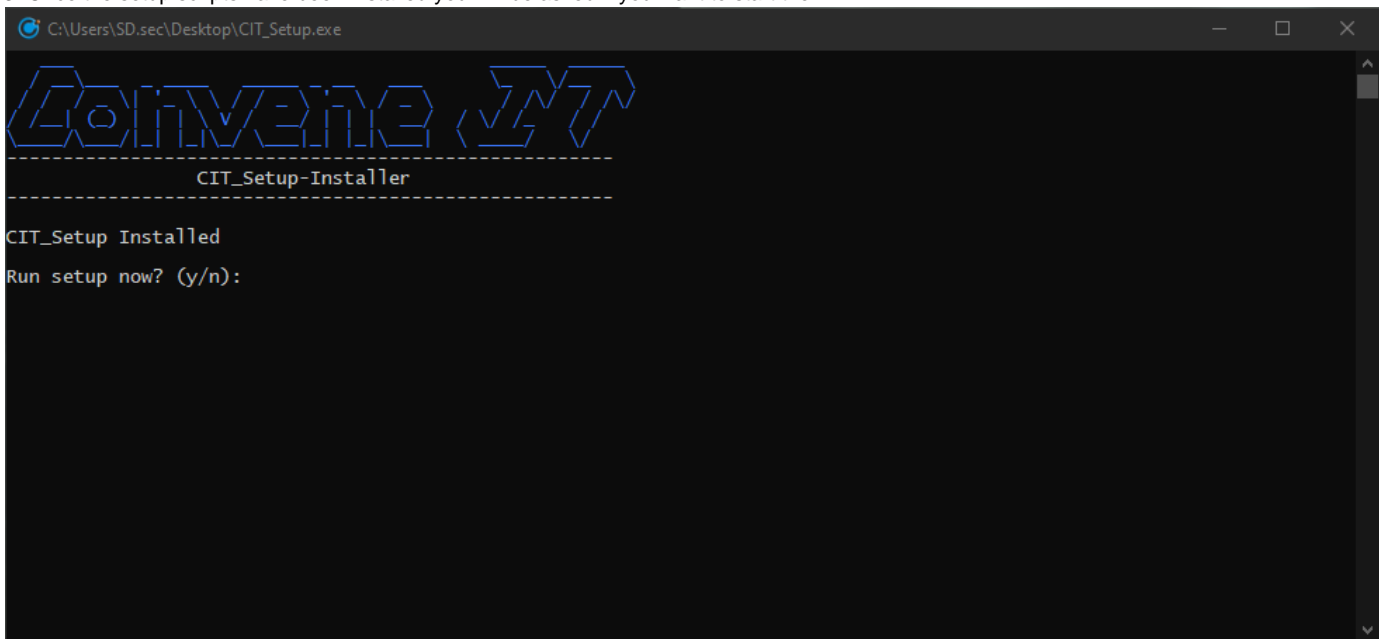


Type **1** and hit **Enter** for Chorley

Type **2** and hit **Enter** for Manchester

CIT_Setup will be installed to **C:\CIT_Setup**

3. Once the setup scripts have been installed you will be asked if you want to start them



Type **y** and hit **Enter** to run the setup

Type **n** and hit **Enter** if for any reason you don't want to run setup straight away

Note: If you choose not to run the setup, the setup scripts will still be installed so you can start them manually by going to **C:\CIT_Setup** and running the **Start-CIT_Setup** shortcut (same as it used to work before)

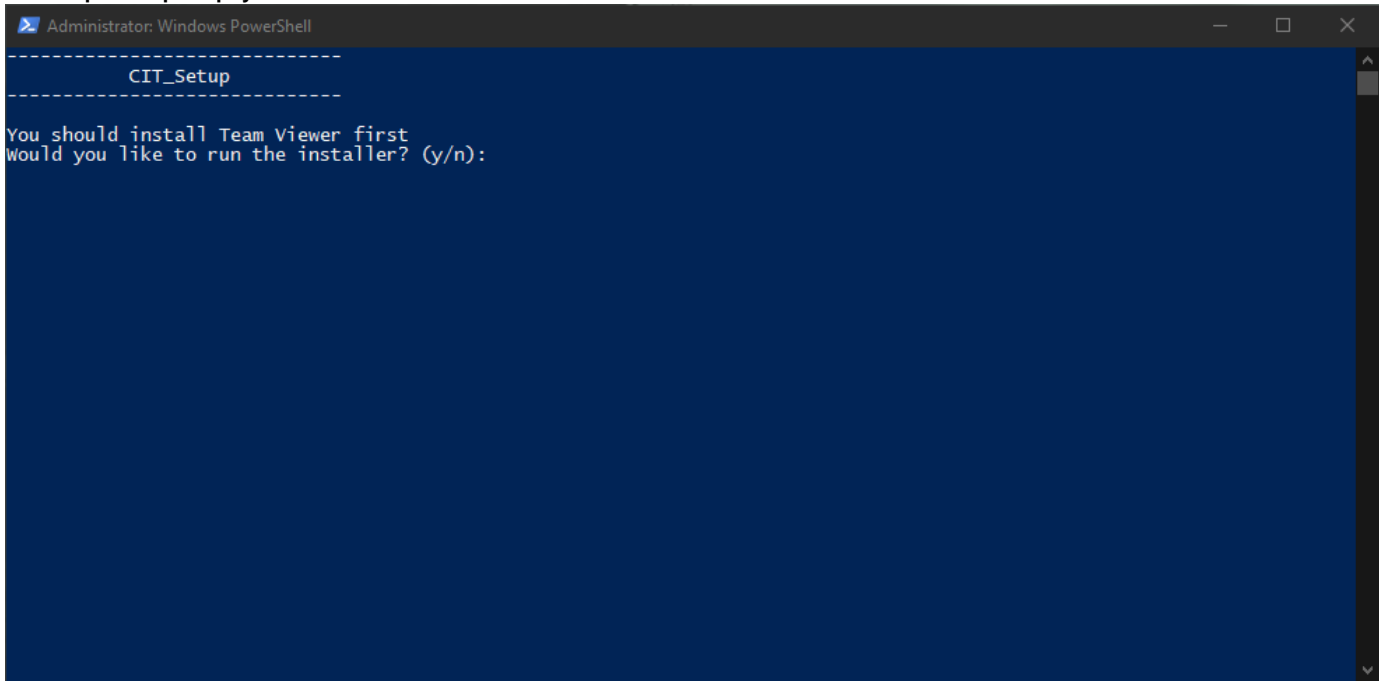
Setup Scripts

1. Team Viewer

Needs to be installed manually

This is because when the scripts install it, it doesn't add the machine to our 'address book' in Team Viewer

The scripts will prompt you to install Team Viewer



Type **y** and hit **Enter** to launch the Team Viewer installer then run through it manually as usual

Type **n** and hit **Enter** if for whatever reason you want to install Team Viewer later

Note: The scripts will grab the Team Viewer ID from the registry for the Confluence info. If you choose not to install it when the script prompts you to, the ID will not be in the *Computer-Survey.txt* file

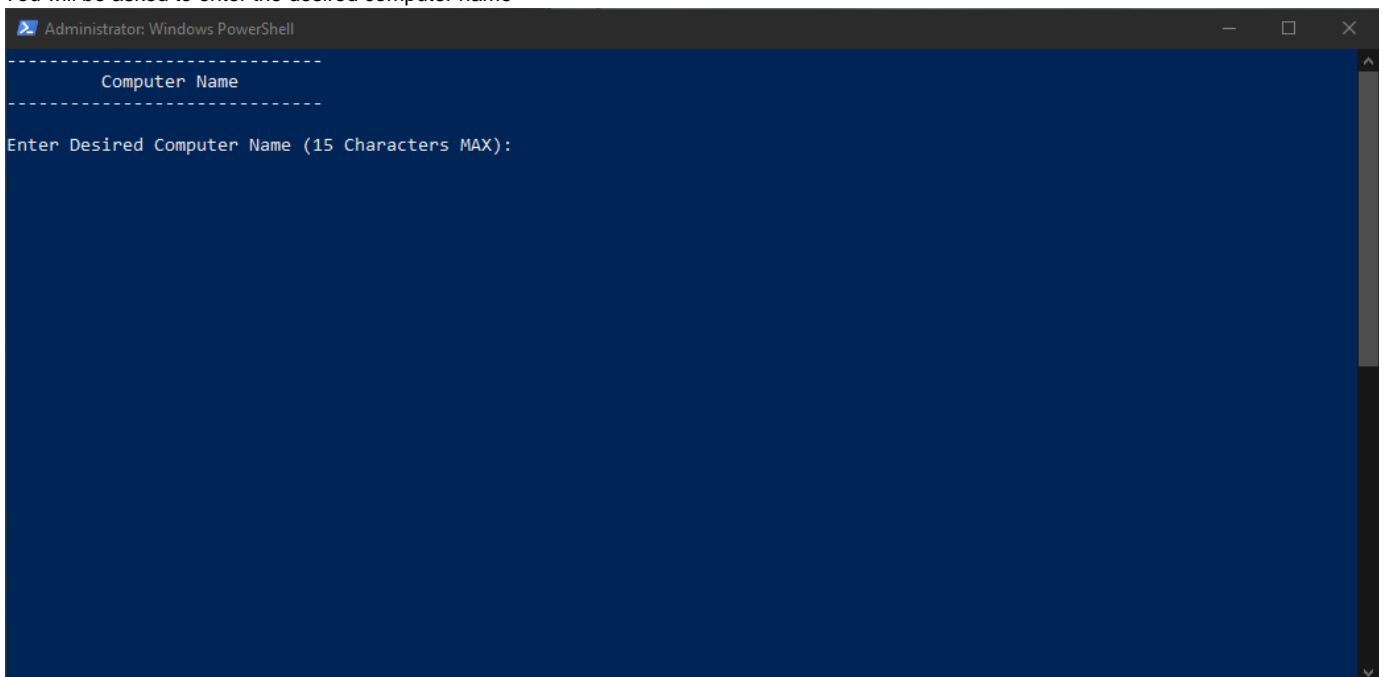
Team Viewer Naming Convention

<CustomerCode>-<AssetTag>-<UserName>

Example: FWP-CIT12345-John Smith

2. Computer Name

You will be asked to enter the desired computer name



Type in the desired computer name and hit **Enter**

Note: Net BIOS only allows 15 characters max for a computer name so the script wont allow you to enter anything over 15 characters

Computer Naming Convention

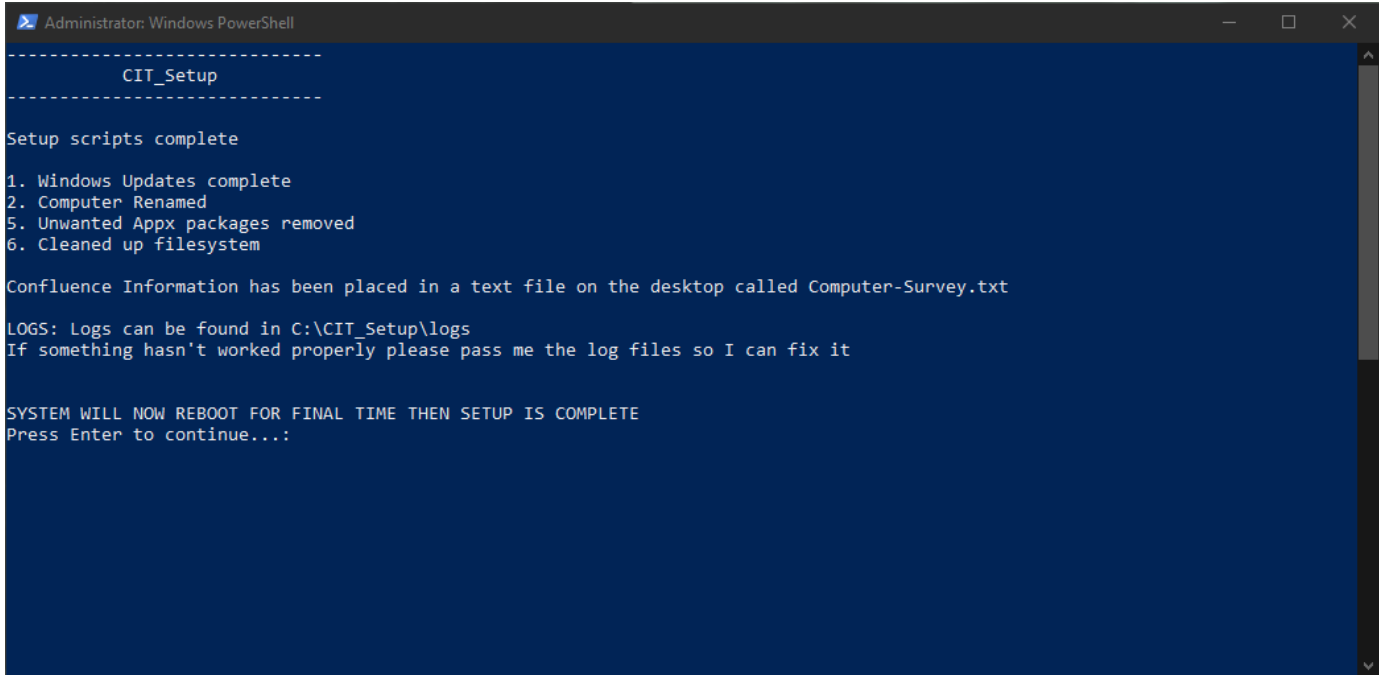
<CompanyCode>--<AssetTag>

Example: FWP-CIT12345

3. Leave To Finish

From here the scripts will run without any further user interaction so you can leave the PC until the scripts are done.

Once finished you will see the below screen

A screenshot of a Windows PowerShell terminal window titled "Administrator: Windows PowerShell". The terminal has a dark blue background with white text. The text displayed is as follows:

```
-----  
CIT_Setup  
-----  
  
Setup scripts complete  
  
1. Windows Updates complete  
2. Computer Renamed  
5. Unwanted Appx packages removed  
6. Cleaned up filesystem  
  
Confluence Information has been placed in a text file on the desktop called Computer-Survey.txt  
  
LOGS: Logs can be found in C:\CIT_Setup\logs  
If something hasn't worked properly please pass me the log files so I can fix it  
  
SYSTEM WILL NOW REBOOT FOR FINAL TIME THEN SETUP IS COMPLETE  
Press Enter to continue...:
```

Hit **Enter** to finish the automated setup. The machine will reboot and you can complete the required manual steps from there

Manual Steps - **IMPORTANT**

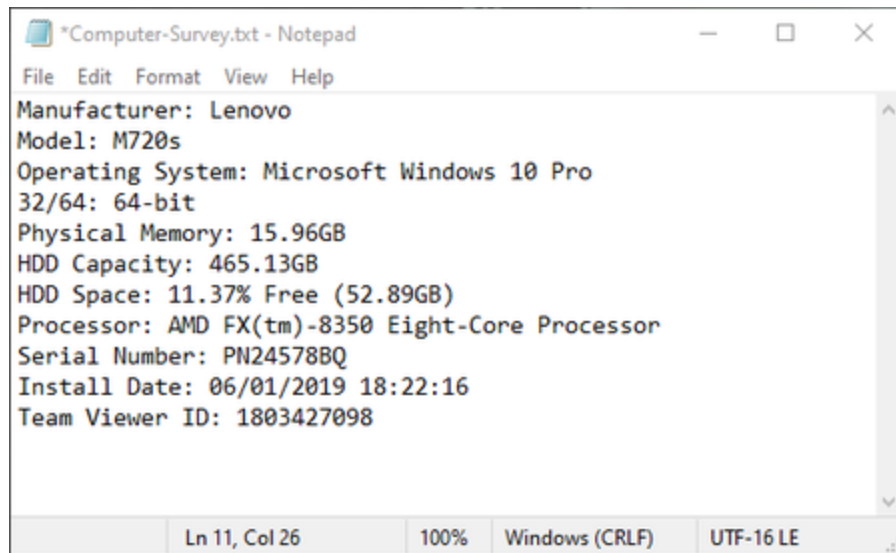
There are some steps in the computer setup process that cannot be automated for various reasons

It is important that you carry out the following steps manually after running the setup scripts

1. Run Lenovo Vantage system updates
2. Set password for local admin (user1) account
3. Install Team Viewer (if you haven't already)
4. Install ESET (if required)
5. Install Microsoft Office (if required)

Confluence Information

After the setup scrips have finished most of the informaton needed for Confluence will be saved in a file on the Desktop called **Computer-Survey.txt**



```
*Computer-Survey.txt - Notepad
File Edit Format View Help
Manufacturer: Lenovo
Model: M720s
Operating System: Microsoft Windows 10 Pro
32/64: 64-bit
Physical Memory: 15.96GB
HDD Capacity: 465.13GB
HDD Space: 11.37% Free (52.89GB)
Processor: AMD FX(tm)-8350 Eight-Core Processor
Serial Number: PN24578BQ
Install Date: 06/01/2019 18:22:16
Team Viewer ID: 1803427098
Ln 11, Col 26 100% Windows (CRLF) UTF-16 LE
```

Updates

The live version of the setup scripts are hosted in an online GitHub repository or 'repo'

I can push updates and fixes to the repo in the background when they are ready to be committed to the live build

When CIT_Setup.exe installs the setup scripts it pulls them from the online repo and so always installs the latest version of the scripts

This means that all you ever need is the CIT_Setup.exe and you will always be using the most up to date version of the setup scripts

Bugs/Issues

If you find any issues with the scripts please let me know and if possible, pass me the logs which can be found in **C:\CIT_Setup\logs**