Rhea

Laptop 2016 on Windows 10 Pro.

Structure

- C: System Drive (SSD partition 1)
- D: Data Drive (SSD partition 2)
- H: Home Drive (USB)
  - PortableApps (all portable apps binaries go here)
  - PortableCustom (all programs which are portable but do not have a PortableApps binary go here)
  - PortableSettings (custom settings to modify PortableApps)

Setup

1. Basic setup see Windows 10 Setup.
2. Click **Control Panel –> Language** to install US English if not installed yet, Swiss (German), and Thai keyboard. Uninstall all other languages and keyboards. Make US English default.
3. Click **Control Panel –> Region – > Additional settings** to match your preference.
4. Run (Win-R) **shell:sendto** and add notepad.exe (from C:\Windows) and wordpad.exe (from C:\Program Files\Windows NT\Accessories) to the *Send to* shell command.
5. Disable scheduled Defragmentation, **Run** (Windows-R) *dfrgui* to run the **Disk Defragmenter**.
6. Disable scheduled Backups in **Control Panel** > **Backup and Restore**.
7. Make a basic system backup with a Acronis TrueImage Win PE USB drive created on another machine.
8. **Run** *netplwiz* to change auto-login.
9. Modify registry to use AutoFS from server, see instructions for AutoFS Windows 7 clients

Installation Permanent

1. Copy all data from drive D: to new drive D:
2. Install VeraCrypt (x64).
   - Create shortcuts to volumes to mount following the Command Line Usage.
3. Install Firefox with the following add-ons
   - uBlock Origin
   - DownThemAll
   - Firebug
   - NoScript
   - Speed Dial [FVD]
   - UAControl (modify user agent per site, follow Webcam access through modified user agent or referer)
   - Whois Lookup & Hosting & DNS & Site Flags Firefox
4. Install Sophos Home Antivirus

5. Install the **ownCloud** desktop client from the web interface of the ownCloud server, then reestablish all sync folders
6. Install Snagit 12
7. Install the current Java JDK (x64)
8. Install the Logitech Harmony Software
9. Install printer drivers and software suites.
    - Flims: Brother DCP-9020CDW LAN
    - Hua Hin: Brother DCP-1510
    - Seoul Home: HP8660

1. Install Line

For apps not installed, refer to Cronos

Installation Portable

1. Install Firefox as PortableApp with the following add-ons
    - Adblock Plus
    - DownThemAll
    - Firebug
    - NoScript
    - Speed Dial [FVD]
    - UAControl (modify user agent per site, follow Webcam access through modified user agent or referer)
    - Whois Lookup & Hosting & DNS & Site Flags Firefox
2. Install Thunderbird Mail Client as PortableApp
3. Install Google Chrome as PortableApp
4. Install the Chrome Secure Shell extension. For Chrome PortableApp it does not show up in the list of installed extensions, you need to start it manually. To do so, add a link to Chrome with the following URL to open: chrome-extension://pnhechapfaindjhompbnflcldabbghjo/html/nassh.html. The icon is at H:\PortableApps\GoogleChromePortable\Data\profile\Default\Web Applications_crx_pnhechapfaindjhompbnflcldabbghjo\Secure Shell.ico. You must then import both the server's public and private key files in any order.
5. Install VLC as PortableApp
6. Install FileZilla as PortableApp
7. Install XnView as PortableApp
8. Install Xenon File Manager as PortableApp
9. Click extensions and assign default program manually through *Browse...*
10. Install XAMPP and XAMPP Launcher as PortableApp. Install to folder h:\xampp, where h: is your portable drive. If you install a shortcut on the desktop, link it to *XAMPP Control Panel* in PortableApps, which was created when you installed XAMPP Launcher. Make sure a current JRE is installed.
11. Install or Copy the Eclipse development environment, which is fully portable, to PortableCustom. Make sure you have Java properly installed, see Eclipse IDE.
12. Modify the XAMPP Settings, copy the *MySQL DBs* for the sites you want to develop, and register the MySQL users. Do not assign a root password.
13. Install OpenOffice as PortableApp
14. Install RealVNC Viewer as portable. To do so, run the installer, then copy *vncviewer.exe* to PortableCustom folder, then uninstall RealVNC

15. Make a shortcut to H:\Batch\icons.bat
16. Download DesktopOK and copy it to a folder within PortableCustom. Start the program and save the current icon positions and quit, then move to newly created ini file from %APPDATA%\DesktopOK to the folder with the exe file. Copy to C:\PortableCustom as the settings are specific to the machine.
17. To make Portable Apps the default program to be used by Windows 7, Open *Control Panel –> Default Programs –> Associate a file type or protocol with a program*, then select a file extension and browse to the Portable Apps executable.
18. Create a VeraCrypt drive on a 64GB USB3 device. Create a shortcut like:

```
"C:\Program Files\VeraCrypt\VeraCrypt.exe" /l <drive> /m rm /hash
<hash> /c /a /q /v <volume name>
```

Todo: Media Monkey (install portable), RSSOwl

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