**Setting up the Build Computer**

You will want to install the following programs to get the build computer ready. All instructions are outlined to set up the build computer as a Virtual Machine instance. This will provide freedom of hardware and the ability to relocate the installation easily. This might also provide multiple parties access to the instance. Furthermore, you can easily clone for a testing, development and production build environment.

The first item is to find a computer to house the virtual instance.

Ensure the computer processors can do virtualization. Most computers and servers have this technology out of box. I would believe the current organization has infrastructure to support this virtual instance.

Recommendations as minimum virtual hardware requirements for the virtual instance:

* 4 processors
* 4096MB Ram
* 40GB disk space – Fixed allocation for a faster build
* NAT or Bridged Networked Adapter, At least one adapter
* 128 MB of video Memory
* Configured Shared Folder with access to a Windows share

The build environment will be comprised of five items.

* Installing Virtualbox and Vagrant
* Setting up the build environment
* Managing the build environment
* The Build Process with archiso
* Sharing the build and automating the build

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