=General Instructions:=

\*1. Install vagrant from http://www.vagrantup.com/downloads.html choose appropriate OS.

\*2. Install Python 2.7.X from https://www.python.org/downloads.

\*3. Create a new directory to house the vagrant project.

\*4. Navigate to the vagrant\_project directory and run the command “vagrant init” from the command line. This will initialize a vagrant “instance” in the directory.

\*5. Clone and extract the zip/GitHub TITLE in the directory. \*TODO\*

\*6. From terminal/command line run "python Automate\_Vagrant\_Config.py" while in the project directory.

\*7. Make the appropriate choices for parameters.

\*8. Run the command “vagrant up” from the command line while in the vagrant\_project directory.

\*9. Given a successful install approximately 10-20 minutes should pass. Upon which the script will output various status updates concluding with the local guest OS ip.

\*10. SSH in via “vagrant ssh” within the terminal if on Linux. However, if on Windows Putty must be installed. Using Putty SSH in to 127.0.0.1 with user:”vagrant” password:”vagrant”.

\*11. For easier access navigate to the vagrant project directory and double click on loadWF.html , to have the portal open in the browser.

=Add Additional Boxes=

\*1. If one wants to add additional “desired” boxes. One must find the particular box id online at https://atlas.hashicorp.com/boxes/search . This is the official hashicorp repository . A boxes name is usually of the format X/Y where X and Y describe certain properties (Ex: hashicorp/precise64 is assembled by hashicorp and is 64 bit flavor of Ubuntu).

\*2. Upon obtaining the official box id, one must open Automate\_Vagrant\_Config.py in their editor of choice.

\*3. There are two locations where changes must be made. The first is in the global dictionary named OPERATING\_SYSTEMS. If the official box id of the newly desired box is X/Y the entry will look like this (Remember to insert within the dictionaries’ brackets {}):

a. “X/Y” : { “name” : ” X/Y”, “description” : “insert description here”}

The second location is within a list in the main() function. There is a list named m\_target\_boxes , simple add the id of the box into the list as “X/Y”.

\*4. The script will now automatically query your system for currently installed vagrant boxes and install boxes that are absent.