

SCAM Tutorial 2019, June 10-14, 2019

Prerequisite Steps to Initialize SCAM_v1.0 on Windows 10 (Steps for HP virtualization)

Initial Dependencies:

1. Virtualization:
 - a. Upon start-up, press esc key until 'start up menu loading' appears.
 - b. Navigate to BIOS settings, click security.
 - c. Enable all options involved with Virtualization Technology.
2. Allow Docker to access shared drives
 - a. Open settings for all installed security systems (Windows Defender, McAfee, etc.).
 - b. Open settings with regard to allowing applications to access the internet, for all Docker applications and proxies (usually there are two), allow access to all devices.
 - c. In Docker settings, allow access to all devices, if specific drives are shown, give Docker access to :C drive, enter password to proceed.
 - d. Save settings and exit.
3. Unzipping .tar.gz files
 - a. Download zip/unzip software like WinZip or the like.
 - b. Unzip scam....tar.gz image file such that it retains .tar file extension to working directory (e.g. scam1.0/work/).

Further Steps:

1. Follow instructions 1, 2C, use Initial Dependency 3 to unzip tar file.
2. Follow step 4.
3. Follow step 5.
4. Follow step 6b to open docker container, this should make the terminal become a bash prompt with the preface something like 'scam@6516c25c2c5dg2c: \$'.
5. Open local Anaconda prompt.
 - a. In Anaconda prompt type '>jupyter notebook' (no quotes, no capital letters).
6. Follow step 9.
7. Follow step 10.
8. Follow step 11.
9. Follow step 12.
10. Follow step 13.

Note:

1. In Jupyter notebooks/any other python IDE, import path must be in 'Windows' format (Open file location in file browser and use file path according to browser)
2. When rebooting, Jupyter will not automatically open, it must be opened separately within a local anaconda prompt.
3. When rebooting, follow Further Steps 4 and 5 to reenter container.