**Guide for building compute-node components on windows**

**Pre-requisites-**

Install NSIS on the build machine, create environment variable NSIS\_HOME and set its value to nsis directory(parent directory of makensis.exe).

**1.Building tbootxm-**

1.1 Run the tbootxm\_bootdriver\_build.cmd script placed under tbootxm\_bootdriver directory of dcg\_security-tboot-xm. This script requires two parameters to be passed:Platform(x86/x64), Configuration(Debug/Release) and OS(Win7/Win8/Win8.1).

1.2 Sign the tbootxm\_bootdriver.sys file generated after above step.

1.3 Place the signed tbootxm\_bootdriver.sys file inside signed directory(to be created inside tbootxm\_bootdriver directory) along with .inf and .cat files.

1.4 Run the tbootxm\_windows\_build.cmd script placed under dcg\_security-tboot-xm. This script requires three parameters to be passed: Platform(x86/x64), Configuration(Debug/Release) and OS(Win7/Win8/Win8.1).

**2. Building vrtm-**

2.1 Run the vrtm\_windows\_build.cmd script placed under build directory of dcg\_security-vrtm. This script requires two parameters to be passed: Platform(x86/x64) and Configuration(Debug/Release).

**3. Building policyagent-**

3.1 Run the policyagent\_windows\_build.cmd script placed under dcg\_security-policyagent. This script requires two parameters to be passed: Platform(x86/x64) and Configuration(Debug/Release).

**4. Building Combined Installer-**

4.1 Place the individual installer of all the compute node components, from directory where individual build scripts were executed, into mtwilson-openstack-trusted-node-windows directory of dcg-security-opensatck-extensions.

4.2 Compile the nsis script cit\_compute\_node\_windows\_installer.nsi which will generate the combined installer cit-compute-node-setup.exe.

**PS-**

Openstack-extensions build procedure is same as linux. Just need to copy the exe file (generated after ant all) in the same directory where all other component’s exes are placed, in order to make the combined installer.