

Welcome to STEC!!!

The goal of this document is to give you a quick introduction to the MIS STEC Linux environment.

SSH:

We use the ssh terminal “putty” to connect to linux hosts, it should be located on your PC desktop, if not please email helpdesk@stec-inc.com and will provide it to you.

VNC:

We use VNC Enterprise to create and connect to VNC sessions.

To create a VNC session on the login host type “create_vnc”

The first time you run this command it will ask you to set a VNC password for when you connect.

The last line of the output from the previous command will give you your VNC session number

For example: New desktop is salogin01:8 (172.17.10.51:8)

Now you can connect to it with the VNC Enterprise viewer which should also be located on your desktop.

By entering in this case the “salogin01:8” number on the “VNC Server: “ section when you open the viewer.

Login Hosts:

The purpose of login hosts is for users to create VNC sessions, editing, quick debugging and submitting jobs to SGE.

We have four login hosts in Santa Ana, salogin01 through salogin04.

One login host in San Diego, salogin01

Four login hosts in Taiwan, twlogin01, twlogin02, twlogin03 and twlogin04

One login host in Malaysia, mylogin01

SGE:

We use the Oracle Grid Engine (OGE) formerly known as Sun Grid Engine (SGE) to run all the resource intensive jobs like simulations, regressions. SGE is formed by many servers loaded with multiple fast processors and lot of memory.

Apps:

All application setup files are located in /stec/apps/setup

Projects:

All ASIC project data is located in /stec/proj/asic

Users:

All users by default have TCSH shell.

A global .tcshrc profile is automatically sourced when the user logs in.

If the user wishes to customize its .cshrc profile it needs to change the file .cshrc_username,

For example if the user username is jsmith the file it needs to change will be .cshrc_jsmith.

Help:

If you have any questions or need help with your Linux environment please email helpdesk@stec-inc.com