Linux Server List

Students will need to ask their class instructors or TA's to send an email to `ece-it@virginia.edu` to create accounts on ECE Linux servers before they can login to below servers for their class works.

Cadence programs with base release date 2024 or newer can only run on RHEL8 servers, for example, Virtuoso Studio (IC231). Most currently installed Cadence programs under directory `/app6` may not run on RHEL8 servers (eg, IC618). Synopsys tools released after fall 2024 require RHEL8, but most currently installed programs can run on either RHEL7 or RHEL8.

Note: please run your application and store large output data under your `~/.scratch` directory. Data stored under your `~/.scratch` directory are not counted against your quota and not backed up. ECE IT team reserve the right to delete your super large files (100GB+) if you put it under your home directory instead of the scratch directory. Please do not run more than 2 jobs at a time. Report to `ece-it@virginia.edu` if you encounter errors, e.g., "error while loading shared libraries ...".

**ECE Linux Server List (running Red Hat Enterprise Linux 7 - RHEL7):**

Following RHEL7 servers are available till 06/30/2025. Please plan to transition to RHEL8 servers for your work.

- gridley.ece.virginia.edu
- skyland.ece.virginia.edu
- troutpond.ece.virginia.edu

**ECE Linux Server List (running Red Hat Enterprise Linux 8 - RHEL8):**

- blackrock.ece.virginia.edu
- halfmoon.ece.virginia.edu
- class2.ece.virginia.edu
- class3.ece.virginia.edu