How do I log in to the cluster?

Tell Me

Most of the cluster resources are on a private, internal network. So access to the cluster is via one (or a few) node(s) that also have connections to the campus’ public network. Each of our clusters have a submit host, and some of them have a separate interactive host as well.

1. Please refer to the host list on the “Job Scheduling with Torque” page to determine which host you will need to log in to.

Supported Methods

The supported methods for connecting to this node are:

- Secure Shell (SSH) – For secure remote login
- Secure Copy (SCP) or Secure FTP (SFTP) – For secure data transfer.

Interactive Hosts

The interactive hosts that you can SSH into are:

- Copperhead: hpc.uncc.edu
- Taipan (Hadoop): urc-hadoop.uncc.edu

Operating Systems

Most common Unix or Linux operating systems (including Mac OS X) come equipped with client versions of these programs for use from the command line. For more information refer to the UNIX man pages for ssh, scp, sftp.

There are also various commercial and shareware versions of these commands available for MS Windows. One popular free client is PuTTY. SSH. For securely transferring files to/from Windows, WinSCP is a popular client.

Related FAQs

- High-Performance Computing (HPC)
- What are Environment Modules?
- How do I schedule a job with Torque?
- Why did I receive a "MOAB job resource violation" email?
- How do I add a prologue and epilogue to my submit script?