CGD Information Systems Quick Sheet

We are located in ML-150 next to the cafeteria

*Use CGD systems with a good neighbor policy:*
*Use the machines, but let others have a chance and don’t take over the whole system*

help@cgd.ucar.edu | x1378 | www.cgd.ucar.edu/systems | www.cgd.ucar.edu/systems/getting-started

- Wireless Connections
  There are two wireless networks available for use:
  1. UCAR Visitor – Requires registration for 90 day access
  2. Eduroam – If you already have an Eduroam certificate from your home institution, use this
    a. Full time staff can get setup with Eduroam on their devices

- Printers
  Printers are available for guest use, but you must be on the VPN to use them.

  For more details on connecting and installing printers visit: www.cgd.ucar.edu/systems/visitor-printing

- Compute Environment
  **YOU DO NOT HAVE ROOT PRIVILEGES ON CGD SYSTEMS**
  The following compute servers are available for general access
  
  **Post Processing** *Large memory, single threaded jobs*
  - andre.cgd.ucar.edu
  - burnt.cgd.ucar.edu
  - thorodin.cgd.ucar.edu
  - tungsten.cgd.ucar.edu

  **HPC Clusters** *Model development and small domain jobs*
  - hobart.cgd.ucar.edu
  - izumi.unified.ucar.edu

  *You must have a CGD account and password to access these systems. Speak to your admin or sponsor for an account request.*

- Storage
  Each section has storage space under /project/<section> that is *not backed up.*
  
  **Example:** /project/tss

  You also have 11GB in your home directory that *is backed up.*

- Finding People
  https://calldb.cgd.ucar.edu/calldb/

- Transferring Data
  NCAR/CGD has its own Globus endpoint.
  For more information see:
  http://www.cgd.ucar.edu/systems/rr/globus

- Linux Software Environment
  CGD uses modules to configure specific software/versions for use in the Linux environment.
  
  % module avail - list all available configuration/software available
  % module load <module> - load a specific module
  % module purge – remove all modules from environment
  *(i.e., make a clean start)*

- VNC
  To run graphically intensive applications directly on a remote machine rather than trying to forward an Xsession back to your local host.

  For more information see:
  http://www.cgd.ucar.edu/systems/rr/vnc/

- Email
  Your email is forwarded to your home institution or the email you provided us before starting.

Revised 7/10/20