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@ucar.edu | help.ucar.edu | x8888 | www.cgd.ucar.edu/systems

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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

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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

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VPN
How to access CGD systems from outside:

- VPN (Virtual Private Network) – GlobalProtect installed by CGD/IS
- SSH to perimeter systems, then to internal servers:
  o ssh -X -Y moffatt.cgd.ucar.edu
  o ssh -X -Y goldhill.cgd.ucar.edu

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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/r/vnc/

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

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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.

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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.

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

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

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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)

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help@ucar.edu | help.ucar.edu | x8888 | www.cgd.ucar.edu/systems
www.cgd.ucar.edu/systems/getting-started