Linux Warm-up Session

Preeti Malakar

Getting Started

- Connect to WiFi

Connecting to C-DAC Cluster

- Download Fortinet VPN Client (Windows, Mac)
  - https://www.forticlient.com/downloads

- Linux
  - http://www.iitk.ac.in/ccnew/index.php/13-network/220-for-linux-client

VPN Connection

- Connection Name: CDAC
- Description: SSL-VPN
- Remote Gateway: pravesh.cdac.in
- Port: 443

- Username: awshpc
- Password: 5tz2NN$th

Connection Details

VPN login:
User Login: awshpc2019
Password: 5tz2NN$th

Cluster IPs:
Shreshta 10.208.34.9
Shavak 10.208.35.128

Cluster login: awshpc
Password: awshpc@123

Connecting to Cluster

On Windows: MobaXterm, Putty, ..

From a terminal

- ssh –X awshpc@10.208.34.9

Basic Shell Commands

- Create/delete directory
  - mkdir <some-awesome-name>
  - rmdir <some-name>

- Change directory
  - cd <my-awesome-directory>

- Open a file
  - vim/gvim <filename>
  - gedit
  - …

Basic Shell Commands

- List file contents
  - cat <name of file>

- List directory
  - ls
  - ls –l (long format)
  - ls –lt (time)

- Remove file/directory
  - rm
  - rm –r

Basic Shell Commands

- grep <pattern> filename
- pwd
- scp <filename> awshpc@10.208.34.9