Lab 4 (Part 1)

Part 1: Connect to BC’s Web lab Linux server using SSH.

* Download the Putty as instructed into lab 4 on website under lab 4 document

<https://docs.google.com/document/d/1aXlyaP-qCI1c9e49wsBDK_Sz4_2Tu7RLcpRaPJhR-KU/edit>

* Before you open Putty you need to have username and password that is provided by the school. If you don’t you can email that is provided in lab 4 document by professor.
* Now once you have Putty credential you can open the Putty. When you open putty screen is look like this.

Graphical user interface, application

Description automatically generated

* In the host field you can put any Host IP address provided in the lab 4 document and hit open. Once you hit on open button you will see the screen in picture below

Shape, rectangle

Description automatically generated

* Now you have to put username and password provided by institution. And after that you can write command as you like
* Curl - what curl is do is transfer the URL
* Syntax: curl [options] [URL...]
* Location - curl: /usr/bin/curl /usr/share/man/man1/curl.1.gz
* Awk – awk is non-interactive network downloader.
* Syntax- wget [option]... [URL]...
* Location - wget: /usr/bin/wget /usr/share/man/man1/wget.1.gz
* Java – this launch java application
* Syntax
* java [options] classname [args]
* java [options] -jar filename [args]
* Location - java: /usr/bin/java /usr/lib/java /etc/java /usr/share/java /usr/share/man/man1/java.1.gz
* Gimp – gimp is an image manipulation and paint program.
* Syntax- gimp [-h] [--help] [--help-all] [--help-gtk] [-v] [--version]

[--license] [--verbose] [-n] [--new-instance] [-a] [--as-new] [-i]

[--no-interface] [-d] [--no-data] [-f] [--no-fonts] [-s] [--no-splash]

[--no-shm] [--no-cpu-accel] [--display display] [--session <name>] [-g]

[--gimprc <gimprc>] [--system-gimprc <gimprc>] [--dump-gimprc] [--con‐

sole-messages] [--debug-handlers] [--stack-trace-mode <mode>]

[--pdb-compat-mode <mode>] [--batch-interpreter <procedure>] [-b]

[--batch <command>] [filename] ...

* Address- gimp: /usr/bin/gimp /usr/lib64/gimp /etc/gimp /usr/share/gimp /usr/share/man/man1/gimp.1.gz
* Nano – nano is Nano’s another editor, an enhanced free Pico clone. nano is a small, free and friendly editor which aims to replace Pico, the default editor included in the non-free Pine package.
* Syntax- nano [OPTIONS] [[+LINE,COLUMN] FILE]...
* Location- nano: /usr/bin/nano /usr/share/nano /usr/share/man/man1/nano.1.gz
* Tail- this output last part of files.it’s print ;ast 10 line of each FILE to standard output.
* Syntax- tail [OPTION]... [FILE]...
* Address- tail: /usr/bin/tail /usr/share/man/man1p/tail.1p.gz /usr/share/man/man1/tail.1.gz

Part- 3 Text editing on the terminal

* I created nano file from command line using nano (FileName)
* After creating the file new file you can start writing the text you want
* I have write all the shortcut in the file.

Graphical user interface, text

Description automatically generated