Week02 Lab1 Login to cs1.

By Jack Jones

For cs3377.0w1

Due 1/28/22

Part 1 to login to cs1

login as: joj210003

Pre-authentication banner message from server:

| University of Texas at Dallas

| Department of Computer Science

|

| Use of UTD Information Systems is subject to

| the UTD Information Security and Acceptable Use Policy.

|

| Pursuant to Texas Administrative Code 202:

| (1) Unauthorized use is prohibited;

| (2) Usage may be subject to security testing and monitoring;

| (3) Misuse is subject to criminal prosecution; and

| (4) No expectation of privacy except as otherwise provided by applicable

| privacy laws.

|

| ATTENTION: utdnetid != utdnetid@utdallas.edu (UTD != Google!)

|

| Just use utdnetid, and for the love of programming, STOP USING ALL CAPS!

|

| [[NOTE: All CS Graduate Students should use csgrads1.utdallas.edu ]]

| [[ If you are a CS Graduate Student, you cannot logon to this server.]]

|

|

| \*\*\*\*\* This system will require a connection to the GlobalProtect VPN startin

> g

| on the following dates:

|

| cslinux1.utdallas.edu - June 15, 2020

| cslinux2.utdallas.edu - June 22, 2020

|

| \*\*\*\*\* GlobalProtect VPN Instructions: https://www.utdallas.edu/oit/howto/vpn

> /

|

End of banner message from server

Keyboard-interactive authentication prompts from server:

End of keyboard-interactive prompts from server

┌──────────────────────────────────────────────────────────────────────┐

│ • MobaXterm Personal Edition v21.5 • │

│ (SSH client, X server and network tools) │

│ │

│ → SSH session to joj210003@cslinux1.utdallas.edu │

│ • Direct SSH : v │

│ • SSH compression : v │

│ • SSH-browser : v │

│ • X11-forwarding : v (remote display is forwarded through SSH) │

│ │

│ → For more info, ctrl+click on help or visit our website. │

└──────────────────────────────────────────────────────────────────────┘

Last login: Wed Jan 26 16:51:58 2022 from utdvpn-10-50-124-113.utdallas.edu

\*\*\*---\*\*\*---\*\*\*---\*\*\*---\*\*\*---\*\*\*

csgrads1.utdallas.edu - CentOS Linux 7.9

--All CS Graduate Students should use csgrads1--

cs1.utdallas.edu - CentOS Linux 7.9

cs2.utdallas.edu - CentOS Linux 7.9

\*\*\*---\*\*\*---\*\*\*---\*\*\*---\*\*\*---\*\*\*

This system is for use by CS students who need a general purpose Linux system

to complete homework assignments. Computationally or resource intensive

simulations will be throttled automatically.

Thank you,

CS Lab Manager

cs-labs@utdallas.edu

/scratch disk space can be used for temporary files.

All files within /scratch will be erased on a regular basis (Sunday 0300).

Part 2 to test commands

{cslinux1:~} ls

hello.c perl5 public\_html

{cslinux1:~} whoami

joj210003

{cslinux1:~} date

Wed Jan 26 17:18:12 CST 2022

{cslinux1:~} cal

January 2022

Su Mo Tu We Th Fr Sa

1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30 31

{cslinux1:~} touch test.txt

{cslinux1:~} ls

hello.c perl5 public\_html test.txt

{cslinux1:~} ls -l test.txt

-rw------- 1 joj210003 sn 0 Jan 26 17:18 test.txt

{cslinux1:~} vi test.txt

{cslinux1:~} ls -l test.txt

-rw------- 1 joj210003 sn 45 Jan 26 17:20 test.txt

{cslinux1:~} cat test.txt

Hello!!! I am glad to see this is working :)

{cslinux1:~} rm test.txt

rm: remove regular file ‘test.txt’? y

{cslinux1:~} ls

hello.c perl5 public\_html

{cslinux1:~} ls -l test.txt

ls: cannot access test.txt: No such file or directory

{cslinux1:~} mkdir testo

{cslinux1:~} ls

hello.c perl5 public\_html testo

{cslinux1:~} cd testo

{cslinux1:~/testo} ls

{cslinux1:~/testo} ls -al

total 64

drwx--x--x 2 joj210003 sn 0 Jan 26 17:22 .

drwx--x--x 9 joj210003 sn 799 Jan 26 17:22 ..

{cslinux1:~/testo} touch teste.txt

{cslinux1:~/testo} cp teste.txt testf.txt

{cslinux1:~/testo} ls

teste.txt testf.txt

{cslinux1:~/testo} mv teste.txt testi.txt

{cslinux1:~/testo} ls

testf.txt testi.txt

{cslinux1:~/testo} ls test\*

testf.txt testi.txt

{cslinux1:~/testo} cd ..

{cslinux1:~} . -name test

-bash: .: -n: invalid option

.: usage: . filename [arguments]

{cslinux1:~} . -name testo

-bash: .: -n: invalid option

.: usage: . filename [arguments]

{cslinux1:~} find . -name testo

./testo

{cslinux1:~} uname

Linux

{cslinux1:~} uname -a

Linux cslinux1.utdallas.edu 3.10.0-1160.53.1.el7.x86\_64 #1 SMP Fri Jan 14 13:59:45 UTC 2022 x86\_64 x86\_64 x86\_64 GNU/Linux

{cslinux1:~} ps

PID TTY TIME CMD

34934 pts/11 00:00:00 bash

42170 pts/11 00:00:00 ps

{cslinux1:~} ls

hello.c perl5 public\_html testo

Part 3 to use gedit and xclock

{cslinux1:~} gedit hello.c

\*\* (gedit:42190): WARNING \*\*: 17:27:48.961: Set document metadata failed: Setting attribute metadata::gedit-spell-language not supported

\*\* (gedit:42190): WARNING \*\*: 17:27:48.993: Set document metadata failed: Setting attribute metadata::gedit-encoding not supported

\*\* (gedit:42190): WARNING \*\*: 17:28:49.625: Set document metadata failed: Setting attribute metadata::gedit-position not supported

{cslinux1:~}

{cslinux1:~} ls

hello.c perl5 public\_html testo

{cslinux1:~} cat hello.c

#include <stdio.h>

#include <stdlib.h>

int main()

{

printf("Hello World\n"); // hello Richard

exit(0); // end of the program

//Is this working ??????

}

{cslinux1:~} gedit hello.c

\*\* (gedit:44564): WARNING \*\*: 17:29:33.430: Set document metadata failed: Setting attribute metadata::gedit-spell-language not supported

\*\* (gedit:44564): WARNING \*\*: 17:29:33.430: Set document metadata failed: Setting attribute metadata::gedit-encoding not supported

\*\* (gedit:44564): WARNING \*\*: 17:29:34.341: Set document metadata failed: Setting attribute metadata::gedit-position not supported

{cslinux1:~} cat hello.c

#include <stdio.h>

#include <stdlib.h>

int main()

{

printf("Hello World\n"); // hello Richard

exit(0); // end of the program

}

{cslinux1:~} xclock &

[1] 45909

{cslinux1:~} Warning: Missing charsets in String to FontSet conversion

exit

logout