Week03 Lab1 Sobell Ch3 a few utilities.

By Jack Jones

For cs3377.0w1

Due 2/04/22

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. │

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Last login: Fri Feb 4 10:46:08 2022 from utdvpn-10-50-124-113.utdallas.edu

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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

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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 1 Make practice file

{cslinux1:~} vim practice

Part 2 ls utility

{cslinux1:~} ls

hello hello.c perl5 practice public\_html testo

{cslinux1:~} ls practice xxxx

ls: cannot access xxxx: No such file or directory

practice

The command will not run because it needs a directory not a file

Part 3 cat utility

{cslinux1:~} cat practice

Hello World!

This is a file for week 3 lab 1

Hopefully the rest of the lab goes well

Part 4 cp utility

{cslinux1:~} cp practice practice\_two

Part 5 rm utility

{cslinux1:~} rm practice

rm: remove regular file ‘practice’? y

Part 6 display results with ls and cat after cp and rm

{cslinux1:~} ls

hello hello.c perl5 practice\_two public\_html testo

practice\_two is in the directory

{cslinux1:~} cat practice\_two

Hello World!

This is a file for week 3 lab 1

Hopefully the rest of the lab goes well

practice\_two gave the same results as practice

Part 7 less utility

{cslinux1:~} less .qtermtab

Part 8 head utility

{cslinux1:~} head .qtermtab

#

# $Id: qtermtab,v 6.4 1994/08/15 23:50:30 mcooper Exp $

#

# QtermTab - Query terminal table for qterm(1).

#

#

# Common Send sequences for use with +trycommon

#

comseq ^[Z ^[[c ^[[0c ^[[>c ^[[<0I ^E

#

Part 9 tail utility

{cslinux1:~} tail .qtermtab

second ^[[<0I ^[[<2;30I vt200 fa200 Falco VT200 version 3.30

second ^[[<0I ^[[<2;32I vt200 fa200 Falco VT200 version 3.40

second ^[[<0I ^[[<2;4;10I vt200 fa200 Falco VT300 version 4.10

second ^[[<0I ^[[<2;4;11I vt200 fa200 Falco VT300 version 4.11

second ^[[>c ^[[>2;22;0c vt200 vt200 DEC real VT240

second ^[[>c ^[[>1;20;0c vt200 vt200 DEC real VT220

second ^[[>c ^[[?1;0c vt100 vt100 Base DEC VT100

second ^[[>0c ^[[>1;20;0c ovt100 vt100 Old-style DEC VT100

Part 10 hostname utility

{cslinux1:~} hostname

cslinux1.utdallas.edu

Part 11 mv utility

{cslinux1:~} mv practice\_two new\_name

Part 13 grep utility

{cslinux1:~} grep lab new\_name

This is a file for week 3 lab 1

Hopefully the rest of the lab goes well

Part 14 days file

{cslinux1:~} vim days

{cslinux1:~} cat days

Monday

Tuesday

Wendesday

Thursday

Friday

Saturday

Sunday

Part 15 sort utility

{cslinux1:~} sort days

Friday

Monday

Saturday

Sunday

Thursday

Tuesday

Wednesday

Part 16 file utility

{cslinux1:~} file days

days: ASCII text

{cslinux1:~} cd /etc

{cslinux1:/etc} ls

\ hba.conf.051319-13\_47\_57.bak passwd-

1 hba.conf.051719-14\_42\_48.bak passwd.161006

a2ps hba.conf.060418-15\_45\_59.bak pbm2ppa.conf

a2ps.cfg hba.conf.060419-16\_58\_28.bak pcp

a2ps-site.cfg hba.conf.061418-09\_28\_20.bak pcp.conf

abrt hba.conf.081318-11\_45\_04.bak pcp.env

acpi hba.conf.110718-16\_59\_33.bak Pegasus

adjtime hba.conf.121918-08\_02\_10.bak php.d

akonadi highlight php.ini

aliases host.conf pinforc

aliases.db hostname pkcs11

aliases.rpmnew hosts pki

alsa hosts.allow plymouth

alternatives hosts.deny pm

anacrontab hp pnm2ppa.conf

ant.conf html2psrc polkit-1

ant.d idmapd.conf popt.d

asound.conf idmapd.conf.ipabkp portreserve

at.deny ImageMagick-6 postfix

audisp init.d ppp

audit inittab prelink.conf

auto.direct inputrc prelink.conf.d

auto.direct.170106 ipa printcap

autofs.conf iproute2 profile

autofs\_ldap\_auth.conf ipsec.conf profile.d

auto.master ipsec.d protocols

auto.master.\_before\_ipa\_client ipsec.secrets pulse

auto.master.d iscsi purple

auto.master.orig issue python

auto.misc issue.181018 qemu-ga

auto.net issue.d qemu-kvm

auto.smb issue.net radvd.conf

avahi issue.net.ORIG rc0.d

bash\_completion.d issue.NEW rc1.d

bashrc issue.ORIG rc2.d

binfmt.d java rc3.d

bluetooth jvm rc4.d

bonobo-activation jvm-commmon rc5.d

brltty jwhois.conf rc6.d

brltty.conf kde rc.d

centos-release kde4rc rc.local

centos-release-upstream kderc rdma

certmonger kdump.conf redhat-lsb

cgconfig.conf kdump.conf.rpmnew redhat-release

cgconfig.d kernel request-key.conf

cgrules.conf krb5.conf request-key.d

cgsnapshot\_blacklist.conf krb5.conf.\_bak resolv.conf

chkconfig.d krb5.conf.\_before\_ipa\_client rpc

chrony.conf krb5.conf.d rpm

chrony.conf.rpmnew krb5.conf.ipabkp rsyncd.conf

chrony.keys krb5.keytab rsyslog.conf

chrony.keys.rpmnew ksmtuned.conf rsyslog.d

cifs-utils ksysguarddrc rwtab

cockpit latrace.d rwtab.d

cron.d ld.so.cache samba

cron.daily ld.so.conf sane.d

cron.deny ld.so.conf.d sasl2

cron.hourly libaudit.conf scl

cron.monthly libblockdev screenrc

crontab libibverbs.d securetty

cron.weekly libnl security

crypttab libpaper.d selinux

csh.cshrc libreport services

csh.login libuser.conf sestatus.conf

cups libvirt setroubleshoot

cupshelpers lightdm setuptool.d

dbus-1 locale.conf sgml

dconf localtime shadow

default login.defs shadow-

depmod.d login.defs.rpmnew shells

dhcp logrotate.conf shells.rpmnew

DIR\_COLORS logrotate.d skel

DIR\_COLORS.256color logwatch slp.conf

DIR\_COLORS.lightbgcolor lsb-release.d slp.spi

dleyna-server-service.conf lsm smartmontools

dnsmasq.conf lvm snmp

dnsmasq.d lynx.cfg sos.conf

dracut.conf lynx.lss sound

dracut.conf.d lynx-site.cfg speech-dispatcher

e2fsck.conf machine-id ssh

edac magic ssl

egl mailcap sssd

elinks.conf mail.rc statetab

enscript.cfg makedumpfile.conf.sample statetab.d

environment man\_db.conf subgid

ethertypes mate-settings-daemon subuid

exports maven subversion

exports.d mfs sudo.conf

extlinux.conf mime.types sudoers

fail2ban mke2fs.conf sudoers.d

favicon.png modprobe.d sudoers.lecture

fcoe modulefiles sudoers.rpmnew

festival modules-load.d sudo-ldap.conf

filesystems motd sysconfig

filezilla motd\_05-10-2016 sysctl.conf

firefox motd.160525 sysctl.conf.rpmnew

firewalld motd.d sysctl.d

flatpak mtab systemd

fonts mtools.conf system-release

foomatic multipath system-release-cpe

fprintd.conf my.cnf target

fstab my.cnf.d tcsd.conf

fuse.conf nanorc terminfo

fwupd netconfig tmpfiles.d

gconf NetworkManager Trolltech.conf

gcrypt networks trusted-key.key

gdbinit nfs.conf tuned

gdbinit.d nfsmount.conf udev

gdm nscd.conf udisks2

geoclue nslcd.conf unbound

GeoIP.conf nsswitch.conf updatedb.conf

ghostscript nsswitch.conf.bak UPower

gimp nsswitch.conf.\_before\_ipa\_client vconsole.conf

glvnd nsswitch.conf.ipabkp vimrc

gnome-vfs-2.0 nsswitch.conf.orig virc

gnupg nsswitch.conf.rpmnew virtuoso

GREP\_COLORS ntp vmware-tools

groff ntp.conf vpnc

group numad.conf wgetrc

group- odbcinst.ini wpa\_supplicant

grub2.cfg oddjob X11

grub.d oddjobd.conf xdg

gshadow oddjobd.conf.d xinetd.conf

gshadow- omreg.cfg xinetd.d

gss omreg.ini xml

gssproxy openldap xrdb

hba.conf openmpi-x86\_64 yp.conf

hba.conf.010518-21\_37\_10.bak openvpn yum

hba.conf.010919-12\_58\_44.bak openwsman yum.conf

hba.conf.013119-17\_52\_52.bak opt yum.repos.d

hba.conf.020119-09\_31\_23.bak os-release zlogin

hba.conf.020419-06\_18\_42.bak PackageKit zlogout

hba.conf.031218-10\_35\_58.bak pam.d zprofile

hba.conf.050918-10\_36\_17.bak papersize zshenv

hba.conf.051018-11\_34\_42.bak passwd zshrc

{cslinux1:/etc} file elinks.conf

elinks.conf: ASCII text

{cslinux1:/etc} file fstab

fstab: ASCII text

{cslinux1:/etc} file makedumpfile.conf.sample

makedumpfile.conf.sample: ASCII text

ASCII text files are in /ect directory

{cslinux1:/etc} exit

logout

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Session stopped

- Press <return> to exit tab

- Press R to restart session

- Press S to save terminal output to file