Week04 Lab2 grep

By Jack Jones

For cs3377.0w1

Due 2/11/22

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

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│ • 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 11 14:22:31 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).

{cslinux1:~} cd Week04Labs

Part 1 Display lines that contain the string model & model name

{cslinux1:~/Week04Labs} grep model /proc/cpuinfo

model : 45

model name : Intel(R) Xeon(R) CPU E5-2630 0 @ 2.30GHz

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By adding a **\** the computer ignores the following **SPACE** as a special character and adds the **SPACE** into the string.

Part 2 -c command

{cslinux1:~/Week04Labs} grep -c Remote /etc/services

202

Part 3 -w command

{cslinux1:~/Week04Labs} grep -c send /etc/services

17

{cslinux1:~/Week04Labs} grep -cw send /etc/services

13

Part 4 -i command

{cslinux1:~/Week04Labs} grep -cwi send /etc/services

15

15 lines contain the word **send**, ignoring case.

Part 5 -v command

{cslinux1:~/Week04Labs} grep -cv send /etc/services

11159

11159 lines do not contain the string **send**.

Part 6 -n command

{cslinux1:~/Week04Labs} grep -nw send /etc/services

37:msp 18/tcp # message send protocol (historic)

38:msp 18/udp # message send protocol (historic)

609:mpm-snd 46/tcp # MPM [default send]

610:mpm-snd 46/udp # MPM [default send]

763:send 169/tcp # SEND

764:send 169/udp # SEND

1567:netviewdm2 730/tcp # IBM NetView DM/6000 send/tcp

1568:netviewdm2 730/udp # IBM NetView DM/6000 send/tcp

1584:tell 754/udp # send

1657:ideafarm-door 902/udp # self documenting Door: send 0x00 for info

1659:ideafarm-panic 903/udp # self documenting Panic Door: send 0x00 for info

9179:skip-cert-send 6456/tcp # SKIP Certificate Send

9180:skip-cert-send 6456/udp # SKIP Certificate Send

Part 7 First ten lines in the files in the /usr/share hierarchy

{cslinux1:~/Week04Labs} grep -rw 27 /usr/share | head

Binary file /usr/share/plymouth/themes/charge/background-tile.png matches

/usr/share/gtk-doc/html/libbonobo/libbonobo-bonobo-persist-file.html:<a name="id3180905"></a><p class="title"><b>Example 27. Chaining to a <span class="type">PersistStream</span> implementation</b></p>

/usr/share/gtk-doc/html/libbonobo/libbonobo-bonobo-persist-file.html:27

/usr/share/gtk-doc/html/libbonobo/libbonobo-faq.html:<a name="id3188416"></a><a name="id3188418"></a><p><b>27.</b></p>

Binary file /usr/share/gtk-doc/html/libbonobo/running-context.png matches

/usr/share/gtk-doc/html/libbonobo/libbonobo-bonobo-persist-stream.html:27

/usr/share/gtk-doc/html/libbonobo/libbonobo-bonobo-property-bag.html:27

/usr/share/gtk-doc/html/harfbuzz/plans-and-caching.html:<meta name="generator" content="GTK-Doc V1.27.1 (XML mode)">

/usr/share/gtk-doc/html/harfbuzz/plans-and-caching.html:<hr>Generated by GTK-Doc V1.27.1</div>

/usr/share/gtk-doc/html/harfbuzz/harfbuzz-hb-uniscribe.html:<meta name="generator" content="GTK-Doc V1.27.1 (XML mode)">

Part 8 Number of times the word **27** occurs in files in /usr/share at least once

{cslinux1:~/Week04Labs} grep -crw 27 /usr/share | grep -cv :0$

grep: /usr/share/polkit-1/rules.d: Permission denied

18515

{cslinux1:~/Week04Labs} 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