Daniel Palacios

dp2387

1. What command can be used to display the manual page of any bash command, how do you search the manual page, and how do you leave the manual page?

Display manual: man <commnad>

Search: / <search query>

Quit: q

2. What are dot files?

Files whose names begin with a “.”

3.What command would you use to list all the files in a directory including dot files?

ls -la

4. What’s a log file?

A log of what happens when something is run/executed

5. Say you have a giant log file (5 million lines), how would you view lines at the top of the file and the bottom of the file without opening it in a text editor?

Top lines: head <filename>

Bottom lines: tail <filename>

6. How would you view text files in a terminal?

cat <filename>

7. How would you search a directory for all the instances of the words “i like turtles”?

grep -r “i like turtles”

8. How would you get all the results of the previous command into a file?

<command> > file.txt

9. How would you download a web page from the terminal?

wget <URL>

10. How would you delete a file?

rm <filename>

bandit0@melinda:~$ ls

readme

bandit0@melinda:~$ cat readme

boJ9jbbUNNfktd78OOpsqOltutMc3MY1

bandit1@melinda:~$ ls

-

bandit1@melinda:~$ cat ./-

CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

bandit2@melinda:~$ ls

spaces in this filename

bandit2@melinda:~$ cat spaces\ in\ this\ filename

UmHadQclWmgdLOKQ3YNgjWxGoRMb5luK

bandit3@melinda:~$ ls

inhere

bandit3@melinda:~$ cd inhere/

bandit3@melinda:~/inhere$ ls -la

total 12

drwxr-xr-x 2 root root 4096 Nov 14 2014 .

drwxr-xr-x 3 root root 4096 Nov 14 2014 ..

-rw-r----- 1 bandit4 bandit3 33 Nov 14 2014 .hidden

bandit3@melinda:~/inhere$ cat .hidden

pIwrPrtPN36QITSp3EQaw936yaFoFgAB

bandit4@melinda:~$ ls

inhere

bandit4@melinda:~$ cd inhere/

bandit4@melinda:~/inhere$ ls

-file00 -file01 -file02 -file03 -file04 -file05 -file06 -file07 -file08 -file09

bandit4@melinda:~/inhere$ cat ./-file07

koReBOKuIDDepwhWk7jZC0RTdopnAYKh

bandit5@melinda:~$ cd inhere/

bandit5@melinda:~/inhere$ ls

maybehere00 maybehere03 maybehere06 maybehere09 maybehere12 maybehere15 maybehere18

maybehere01 maybehere04 maybehere07 maybehere10 maybehere13 maybehere16 maybehere19

maybehere02 maybehere05 maybehere08 maybehere11 maybehere14 maybehere17

bandit5@melinda:~/inhere$ find -size 1033c

./maybehere07/.file2

bandit5@melinda:~/inhere$ cat ./maybehere07/.file2

DXjZPULLxYr17uwoI01bNLQbtFemEgo7

bandit6@melinda:~$ ls

bandit6@melinda:~$ cd ../../

bandit6@melinda:/$ find -group bandit6 -user bandit7 -size 33c

...

./var/lib/dpkg/info/bandit7.password

...

bandit6@melinda:/$ cat ./var/lib/dpkg/info/bandit7.password

HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs

bandit7@melinda:~$ ls

data.txt

bandit7@melinda:~$ grep -r "millionth"

data.txt:millionth cvX2JJa4CFALtqS87jk27qwqGhBM9plV

bandit8@melinda:~$ ls

data.txt

bandit8@melinda:~$ sort data.txt | uniq -u

UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUhR

bandit9@melinda:~$ ls

data.txt

bandit9@melinda:~$ grep -a -r "==========" data.txt

========== truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk

bandit10@melinda:~$ ls

data.txt

bandit10@melinda:~$ cat data.txt | base64 --decode

The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

bandit11@melinda:~$ ls

data.txt

bandit11@melinda:~$ cat data.txt | tr 'n-za-mN-ZA-M' 'a-zA-ZM'

The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu