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SET : B

Subject: Linux and Shell Scoupting

Code: CAP448

O Hew to work with vi editor? Explain all commands of vi editor? Any: The VI adition is the most popular and classic text editor in the liner family.

Syntax: vi filename

this command creates a new file or open an existing file

The VI editor has two modes:

(1) Command made

(e) Insert mode

When we first open a file we are in command mode. Command made means that we can use keyboard keys to navigate, delete, copy, paste and do some other took except typing the text.

To enter insert mode, we need to press?. Then in insert made, we can enter text and use Enter key to go to the new line, use arrow keys to vavigate

To return to the command made, we need to press Esc key-

(~) tilde sign represents on unused line in VI editor THE ROLLANDY PRICE

Commands in VI editor

- 1 : 9: This command is used to quit out of VI
- 2): W: This command is used to save the file
- 1 : wg: This command first saves the file and then exits out tester of the VI.
- 6 K: moves the cursor up one line
- 5 i: moves the cevesor down one line
- (h: moves the cursor to left one character for Hon.
- 1: weres the cursor to oght one character position.
- (8)
- U: Undo the last change U: Undo all changes to the entire line.
- dd: Delete line
- 3dd: Delete 3 lines
- @ dw: Delete woods
- (1) cw: change wood
- (i) x: Delete character at cursor
- r Replace character (6)
- yy: copy a line 0
- b: paste after current (ine (7)
- P: paste before the current (in (8)
 - :x: kosition the cursor on the line number (9) represented by x.
- S: replaces current character (33)
- 5: deletes the line the cuesar is on and replaces (21) is with new text.

tootas : antill

D'Explain différent search command in laux with proper example.

Ans: Different search commands in linex are

(1) Find: This command list all the files in the discrety and subdirectory

Syntax ! find

(a) find. - some implementations of find require you to put the for the current directory.

(b) find / - search from the root folder.

(c) find ~ - search from the home folder.

(d) find . - name - search a file for the matching name as the given battern without typoring the case.

e find . - iname - some as find mame except this command

ignares the case checking.

(1) find. - path - path option makes find look for directories.

Examples

(1) find. - name '*. java'

(2) find. - I name abcotxt'

(3) find . fath ' about'

(4) finel. -empty

(5) find . - executable

(c) find -executable -type of: find for executable files only

(2) find. -type d: only disertories and subdirectories

2) Locate Command: Locate command is used to find the files by name.

Ex: lo cate sample.txt

- (a) locate -c [otx1]*: This command will count files ending with that
- (b) locate 1 x TeSt. Cpp x: Ignore case sensitive locate outputs.
- (c) lo cate -s: shows status.
- 3) which command: which command searches through the directories in your bath and tries to locate the command we are searching for ex: which gooloc
- (4) Where is command: This command is similar to which command but is more informative Ex: whereis diff
 - (8) what is command: What is command searches through manual pages and shows one line summary of what user is looking for

- 3 Write and orplain sleps to connect with static and dynamic network.
 - State net connectivity
 - 40 to terminal and type redbat network config-network
 - In network configuration manager, Select new
 - Select Ethernet connection and click on forward
 - School etho and elick on Journard and click apply.
 - Pow click on etho
 - then open comel
 - type Epconfig to check network details and IP address subnet wask, default geterray will be shown.
 - Enter the address, submed mark and defaul Gateway Address and click OK
 - type "pronjig/all in cmd
 - Note down primary and secondary DNS
 - Enter the DNS into the DNS tab of network configuration
 - Go to devices tab and click on activate
 - Now internet has been configured
 - now we can open terminal
 - type fing 172.19.2.250

Dynamic net connectivity

- Go to terminal and type redkat onlig network
- click on tho
- check allow all users to enable and disable the device and click on Ok.
- Click activate and then select Yes
 - we have to change 3 files

(1) gedit letc/systentig/nework-scripts/ifc/g-emo
(2) gedit letc/systentig/neworking/devices/ifc/g-emo
(1) gedit letc/systentig/neworking/proflies/default/ifc/g-emo
(1) gedit letc/systentig/neworking/proflies/default/ifc/g-emo

add a function named check link-down in all of the above 3 files and save them

check-link-down () {

return !

- Go to terminal and-type red that config-network and click on activate after selecting etho.
- open terminal and type ping 172.19.2.260