Linux

Introduction to Linux

Module 8: Editing files in Linux

Introduction to Linux

In this module, we will look at the editors vi/view on Linux and how we operate them, so we can effectively write and edit files/scripts on our servers.

Text editors – vi, vim, view

- Most Linux servers offer multiple text editor options. This tutorial is geared towards using vim, although you will find most of the commands are common between them all.

- 2 modes

1. command mode

    1. quit
    2. save
    3. search/replace
    4. copy and paste

2. insert mode (text input mode)

Vim – cheat sheet

```
:q     quit                           yy                      copy line

!      force                          p                       paste

:q!    quit without saving            dd                      delete line

:w     save                          :se nu                   line numbers

:x     save+quit                     :se nonu                 no line numbers

:wq    save+quit                     :42                      jump to line 42

i      insert mode                   Shift+G                  jump to EOF

A      go to EOL + insert mode       :%s/old words/new text/g search and replace

Esc    command mode

u      undo

Ctrl+R redo
```

VI demo

•cd ~

•vi newfile

•:q

•ls newfile

•#newfile does not exist

•vi newfile2

•:se nu

•i

•Captain America

•Iron Man

•Hulk

•ESC

- :q
- :q!
- ls newfile2
- (again as we didn't save the file does not exist)
- vi newfile3
- i
- MThree Consulting
- Bank of America
- JP Morgan
- ESC
- :q
- :w
- Ctrl+z
- cat newfile3

- fg
- :0
- :1
- :2
- Shift+g
- A
- NWM
- Nomura
- ESC
- :x
- cat newfile3

m_three_

VI Demo continued

- vi usingVi
- i
- gonna save you this time
- don't worry
- ESC
- :w
- :q
- ls -s usingVi
- ls -sh usingVi
- vi usingVi
- ↑→←↓
- k l h j
- :se nu
- :se nonu
- :0
- A
- from losing my text
- ESC
- :x

- ls -s usingVi
- vi usingVi
- GA
- 5 more lines for your viewing pleasure
- line 1
- dos
- cmdprompt
- window
- glass goes inside windows
- ESC
- :se nu
- :1
- G
- :3
- :help
- :q
- :4
- dd
- u
- dd
- :0

- p
- P
- .
- :%s/window/shout out to bob/
- u
- CTRL+R
- :5
- xx
- :2
- d2j

- q
- :x
- vi usingVi
- :5
- yy
- p
- :wq