Basic commands part-1

Introduction:

Linux

- 0s (operating system)
- command
- server side configuration
- Banking, milatry, ...
- Typess ubuntu, linux, Kali, fedola, centos, redhat...
- -> In this "Linux course" we can use "Linux os" by two ways:
 - * Aws (can use here)
 - * VILLUALBOX (for this need 8GB RAH)

-> Let's get into the course.

Aws console:

-> create an instance named "linuxaug" -> choose AHI as "Amazon linux" and AHI as "Amazon linux 2 AHI

(HVM) - Kernel 5.10, SSD volume type (flee tier). -> proceed without key pair.

-> click (Launch Mstance)

Puty: (linux aug) Instance.

[ecz-usar@ip-172-31-35-112 ~]\$ 50do Su -[1001@ip-172-31-35-112 ~]# yum install httpd

completed!

[100t@i9-172-31-35-112 ~]# elear

[root@ip-172-31-35-112 ~]# logart

[tool@ip-172-31-35-112 ~]#

[: CTRL + 1 = Clear]

or

[. type "char"]

- [: CTRL + 0 = to exit from "toot was

01 [: Type "exit"]

[ecz-user@ip-172-31-35-112 ~]\$ sudo su -u

[hoot@ip-171-31-35-112 ~]# history

1. yum install hapa

[: to see the history of commands]

2. dear

3. ..

[1001@ip-172-31-35-112 ~] # 15	[: list command]
[toot@ip-172-31-35-112 ~]# 15 - a bash_history bash_logout bash_profile .bashtc .cshrc .ssh .tcshrc	[:. shows hidden files]
[1001@ip-172-31-35-112 ~] # Mkdir linux dws [1001@ip-172-31-35-112 ~]# 15 aws linux	
[toot@ip-172-31-35-112 ~]# < d aws [toot@ip-172-31-35-112 aws]# touch balinan flash [toot@ip-172-31-35-112 aws]# is balman flash jocker	[:. change director command] jocker
[root@ip-172-31-35-112 dws]# cd [root@ip-172-31-35-112 ~J# 15 dws invx	[: command to goto "Pakent dikakoy"]
[toot@ip-172-31-35-112 ~]# cd inux [toot@ip-172-31-35-112 ~]# invx]# touch itonman [toot@ip-172-31-35-112 inux]# s itonman Spider 111 there	thor Spida-man
[root@ip-172-31-35-112 /inux]# cd [root@ip-172-31-35-112 ~]# 15 Aus /inux [root@ip-172-31-35-112 ~]# touch decops Aus decops /inux Blue while Blue	[: Blue - are directory] [: whire - are/is file]
Color Color Color	

[root@ip-172-31-35-112 ~]# ed aws [root@ip-172-31-35-112 Aws]# 15 batman flash jocker [: All are white because they are "flos.] white [1001019-172-31-35-112 Aws] # mkdir folder [rost@ip-172-31-35-112 Aws]# 15 [: while - 210 files] [: Bule - are folder] [100t@1p-172-31-35-112 aws]# cd.. [toot@ip-172-31-35-112 ~]# 15 Aus derops linux [root@ip-172-31-35-112 ~]# 15 -11+2 total o disatos druxr-xr-x 2 toot root 50 Aug 8 4:20 linux -tw-t--t-toot toot o Aug 8 4:24 1 derops -) dispitor drux - xx-x 3 toot root 61/ Aug 8 4=27 [twt@ip-172-31-35-12 ~]#15 -2 total 24 dr-xr-x-- 5 tout tout 162 Aug 8 4:24. · bash_ history

- bash - logout

· bash - profile

- (Shice

driet linex	
-tw-tt · · · · · · · · · · · · · · · ·	
drwx teshre	
[root@i1-172-31-35-112 ~]# PWd	(: command to see the
/rwt	
5 1 2 1	present working dikertay]
[toot@19-172-31-35-112 ~]# Ed Aus	
[root@18-172-31-35-112 aws]# pwd	
/roll/Aus	
Tarton in	
[rat@ip-112-31-35-112 aws]# cd.,	
[root@ip-172-31-35-112 ~]# whoami	
tast	
TWE	
[root@ip-172-31-35-112 ~]# exit	
logout-	
5	
[ecz-usar@ip-172-31-35-112 ~]\$ whoami	
C(2-USD)	
Terr va	
[ecz-user@ip-172-31-35-112 ~]\$ 5udo su -4	
[+00t@ip-172-31-35-112 ~]# yom install the	
s# gorn install the	
· ·	
compleses	
[toot@ip-172-31-35-112 ~]# flee	
:	
— aus	
balman	
flash	
Folda	
socker	
— devops	
Linux	
- Ironman	
spidaman 3 directories, 7 filos	

[tast@ip-172-31-35-112 ~]#</br>

balman flash folder jocker

[iast@ip-172-31-35-112 aws] #

chat@ip-172-31-35-112 aws] #

d folder

[iast@ip-172-31-35-112 folder] # touch | 151 | 152

[tast@ip-172-31-35-112 folder] # | 15

[sol@ip-172-31-35-112 folder] # | 15

[sol@ip-172-31-35-112 folder] # | 15

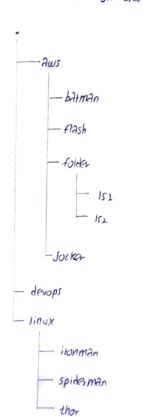
[mol@ip-172-31-35-112 folder]# 210

152

o directoria, 2 565

[Twt@ip-172-31-35-112 foldes]#ed

[wt@ip-172-31-35-112 ~]# Lies



16	. 12	-2	02
_		_	

Basic commands part-2

Day-2

-> Last class continuation.

-) Let's continue with the same Instance "linuxaug"

Putty:

[root@ip-172-31-35-112 ~]# man tree

NAME.

ERO ..

*

[toot@ip-112-31-35-112 ~]# man 15

James

Is - list dilatoy contails

[: Q + ENEY = exit]

[1001@ip-172-31-35-112 ~]# UNAME

Linux

Tentain in

[hoot@ip-172-31-35-112 ~]# cal

August 2024

Se Ho top we 1h A 52 1 2 3 4 5 6 1 8 9 10

4 5 6 1 8 1 10

18 19 10 21 22 23 24 25 26 27 28 29 30 31

[root@ip-172-31-35-112 ~]# date

FH Aug 9 03:58:43 utc 2024

[: "man" is a helping cond if we see "tree" (md, and don't

know what it does, we can use "man" to see its usage or how to use it]

[: Type of System]

or system]

[tool@ip 172-31-35-112 ~]# free

[: To show flee memory]

	total	used	flee	shared	buff / cache	available
Han:	975532			O nane	20H / (ACHE	avallable
	113332	72036	695264	400	208232	765352
Swap:	0	0	0			

[tool Oip-172-31-35-112 ~]# df

[: disk free]

Filesystem 1k-blocks used Available use. Hounted on der impfs 478740 0 478 740 01 1de tmpFs 487764 487764 0-1. 0 Ide /shim *lmpfs* 487764 487 308 456 1+. tmpfs 487764 1545/15/19 Hap 487764 01. /dev/xvdd1 8376300 185 330 8 65 ---231-*Lmpfs* 0% 110n/USA 11000

[tool@ip-172-31-35-112 ~] # ps

empss

[: process]

11 un / usa 10

0%

PID TTY TIME CHD 3610 Pts10 00:00:00 sudo 3611 00:00:00 PESIO 54 bash 36/2 PLS/0 00:00:00 ps 3719 pts/0 00:00:00

[toot@ip-172-31-35-112 ~]# top

[: to chak cpu utilization]

PID US VIRT RES S FEPL I-HEM THE+ COMAND

[root@ip-172-31-35-112 ~]# htop

-bash: htop: command not found

completel

[root@ip-171-31-35-112]# yom install htop

[rool@ip-172-31-35-112 ~]# htop 3 725kr: 43, 14 thr, 2 tunning] Lord avergo: 0.00 0.2 0.01 nem["" J uptime : .. SWPE :[CTRL + Z = exit]

(Difference between top and "thup.

is in thop of is somewhat better]

[:">" overwrite]

[toot@ip-172-31-35-112 ~]#15

Aus daups timex

[toot@ip-172-31-35-112 ~]# =d aus [rast@ip-172-31-35-112 aws]#15

balman flash folder Jocker

[root@ip-172-31-35-112 dws] # cat balman

[root@ip-172-31-35-112 aws]# cat > balman Batman is a superharo who appears in America (4po 1his)

Put the cursor here -: [CTRL + z = exit]

[3]+ Stopped (AL > batman

[root@ip-172-31-35-112 aws]# cat balman

Balman is a superhero who appears in America [last@ip-171-31-35-112 Aws]# Cat > batman

hi (type this) 1) cusor have

. [CIRL + Z = exit]

[4]+ stopped cat > ballman

[rat@ip-172-31-35-112 aus]# cat batman

hi

[root@ip-172-31-35-112 Aus]# cat >> batman

Batman is a superhar who appears in Amaria (type this)

1 > lursor here

: [CARL + Z = PXIL]

[5]+ stupped (al >> batman

[toot@ip-172-31-35-112 aus]# (At batman

hi

Ballman is a superhero who appears in America

[toot@ip-172-31-35-112 Aus] # Cal >> batman

hello

world

welcome

to

class 1 -> lursor have

: [CTRL+2 = exit]

[6]+ stopped cat >> batman

[rootoip-172-31-35-16 aws]# cat batman

hi

Batman is a superhero who appear in America

helo

world

watome

to

linux

[hout@ip-172-31-35-112 Aws]#

:. [cat -b = display with numbers cat -n = display numbers even to blank lines cat -s = squize the blank space cat - E = show '\$" at the end of line]

[Tool@TP-172-31-35-112 aws]# cat -6 balman 1. hi

2. Batman is a superhero who appears in America 3. hello 4. world

5. wdome 6. to 7. Linux

[tat@ip-172-31-112 aws] # 15

[kot@ip-172-31-112 aws]# cat jocker

[root@ip-172-31-112 aus]# cp balman jocker

op: overwrite jaker'? Yar

[= copy cmd]

[wt@ir-172-31-112 aws]# cat jocker

hi

Balman is a superhas who appears in America hello world welcome

linux [toot@ip-172-31-112 Aws]#

to

[root@ip-172-31-35-112 Aws]#15 balman flash folder jocker [root@ip-172-31-35-112 Aws]# CAL Flash [not@ip-172-31-35-112 2005]# MN jocker flash [: move (md] mv: overwrite 'Ash'? Yes [root@if-172-31-35-112 AWS]# 15 batman flash folder w B [not@ip-172-31-35-112 Aws]# cat Aash hi Balman is a superhav who appeals in Amaica hello world welcome to linux [toot@ip-172-31-35-112 Aws]# /s balman Flash Folder [taot OiP-172-31-35-112 aws]# mv -flash naw [... Renamo cma]

[tool@ip-172-31-35-112 AWS]# 15

[rat@;1-172-31-35-112 aus]# cat naw

hT Bahman is a superhase who appears in America hello world

welcome

to

linux

[tot@ip-172-31-35-112 Aus]#15 balman folder naw Troot@iP-172-31-35-112 Aws]# +m batman [: Im - to semore a fib] Im: remove regular file 'balman'? Yes [tw/@ip-172-31-35-112 Aws]# 15 folder new [toot@ip-172-31-35-112 Aws]# +m -+ new Im: Hemovo tegular silo baw? (18) [not@ip-172-31-35-112 aws]# 15 [tool@iP-172-31-35-112 Aws]# +mdir folder Imdir : failled to remove 'folder' : Directory not empty [rot@ip-172-31-35-112 aws]#cd folder [twt@ip-172-31-35-112 folder]# 15 151 152 [rastoil-172-31-35-112 folder]# cd ... [: cmd to gots parent directory] [toot@ip-172-31-35-112 Aws]# 15 folda [took@iP-172-31-35-112 Aws]# 1m +61der/* [: cmd to remove files inside a Im: remove regular empty file 'folder 1151'? Yes folda] Im: temore regular empty of Folder 152: 18 [tast@ip-172-31-35-112 Aws]# 15 folder [not@ip_172-31-35-112 aws]# ed folder

[hoot@19-172-31-35-112 Aws]#

[tat@ip-172-31-35-112 aws]# 15

[+ost@ip-172-31-35-112 Aus]# 15	
Folda B	
[= [= 172-31-35-112 aws]# Imdir token	'. (md to 14 move a folda]
[toul@ip-172-31-35-112 Aws]# 15	
[rool@ip-172-31-35-112 Aws]# wgel https://en.wikipedia.org/wiki/E	8alman [: ugd - to get thing
2024-08-09	from intend]
Resid-ling en. wikipedia.org	[: dawn with the
Concerting to en	(ontall)
HTTP AGUEST SOME, ANDTHE ASPORTS 200 OK	
100 1. [=====] 761,497	
204. (304 HBIS) - BAIMAN SAPA [711497/761497]	
[100 t@ip-172-31-35-112 2005]# 15 -1	
total 744	
-tw-t-t 1 took took 761497 - BAIMAN	
[100t@1P-172-31-35-112 AWS]# 15	
BAlman w	
[wot@ip-172-31-35-112 Aux]# cat Balman	
There are stoped just	
[witoip-172-31-35-112 aws]# cut https://en.wikipalia.org/wiki/82tma	. (
;	3
· [ial@ip-172-31-112 2us]/10901	from marna)
10001	(: ma

(: DOG ME download the

[: to that internet unabity]

[wt@ip-172-31-35-112 folda]# ed ..

[root@ip-172-31-112 Aws]# ping google. Om

[root 0/9-17-31-112 AWI]#

[twt@ip-172-31-35-112 Aws]# exite

Example

Example | 172-31-35-112 | 2 | 2 | 3 | 4 | 6 | 3 |

Example | 172-31-35-112 | 3 | 4 | 5 |

Example | 172-31-35-112 | 3 | 4 | 6 |

Example | 172-31-35-112 | 3 | 4 | 6 | 6 |

Example | 172-31-35-112 | 3 | 6 | 6 |

Example | 172-31-35-112 | 3 | 6 | 6 |

Example | 172-31-35-112 | 1 | 6 | 6 |

Example | 172-31-35-112 | 1 |

Example | 172-31-35-112 | 1 | 6 |

Example | 172-31-35-112 | 1 |

[care + 2 = exit]

[1]+ Stopped ..

[wt@ip-172-31-35-112 ~]# tac devops
devops
hello

[: tac - Revase of cat"]