inusc Diste process Scalability Su - Switch to root (Sur = root) (sn - SR) - Rout to work Change Linectory Coirectory - plater (25 - High) - show ile size, parmission (cd ...) to create file. To create directory (Vim aditor) - open file. I had no (Filahama) to save file give ( ) (shirt + esc + :) Ochl give (we for save) for Llete (2) ( wa!)

(rm) - oder file (rmdir) - Delete directory (rm-it) - poletre both tile and directory To delete directory stop 1 : give cd. Step 2: give indir (name of Lirectory) (cat) - To view dit inside of Ble (grep) To view particular Asle using name, letters landed & grap = 15 - High 1 grap hame. -267 - 4 - 5 - (85 User and Group. To view user since (cat passud) Just (userall username). To cooste user (21. ussarame) mis (det) - 2 Shadow of (Passival usermame) - To create war. posonos (Passind -d usernam) - to delete tisen posonos (Circi, IIII is no ) passinaria (Croudall username) - To create grows. to view sine (cat group) (Usarmol - ali Ginama. usarmand To put war into group!

10 Taleta userfile ( Group Lal Group ) To Jeleta group. -M (users) groups
hame
a,b,c hame more user grashed -di user group to delete user hame hame hame orom group. from group. Permission R - Real -4 w - write -2 x - Execution -1 ーメイーメート 444 44 421 41 41 Farana) 5, 1: 1-221: 11 - Logicand: Marie G 44- 100 April 42 th Expression 12A shares Chrod -> change parmission to (user, grow,) Fa: Chmod 666 File name permission Directory hame

(Chod oth Filenam) -> To change permission root : root To change durership - schould root work have ACL (Access control List) setfact set the parmission 4 1 Gettacl. Foruser > Setfact -m u:user1: + dile name! For 3 satfact -m gigroup For example : ACL indication C+) sindicate AEL we note the beat man the dold bond

In die Linked Silver Linked Silver - elil. of when were the hardlike: Umpsie for softlink: In -5 /file of latel About 10/11 For hard of length of late of Sile name a ruse b -il dianame inode unhaber - chaen. 15th to the storestory For for hard Aile -rw-r--r--. [3] root opent of in 7.0:41 alil. distribution - secon for Alle .. E: For Soft file. linxywxywx 1 rat graf of Jan 7 19:25 linea Dliam
linxywxywx 1 rat graf of Jan 7 19:25 linea Dliam
septolic. (atc/bashore) > to give file permission Lotion

Crontal gury This command is used to set Directories Jefault permission for files or 7 ourseloies Umasic step-1 Vi/etc/bashre > To view and give vmark u step-3 2) To create dile (od) directory step-3 2) to create dile (00) Directory

step-3 2) To create dile (00) Directory

steph => 2 give [15 - Horl ] for liver the permission Egi For proposory. ein hard Mi 777 - max permission der directory 0022 - Umask - Default permission For Sile: 1. . M. / ez . rol 2 10 10 10 10 10 max post 55184. 0022 - Lmask Thor 644 - Desout permission Crontab. - 12 grall wise postive of the private of form 12/1 ( Poster) = To sive file directly

## DISKManagement

Temposary

-> To view the available hard Sisk in system

Fdire.

- Filesystem (ast 4) (est 4). mks. exty /de

step-1 to s create partition an

- (fdisk /dev/5db) - To create partition

- give [m] for hely

give (h) -> for all a new partition.

Stay 4 give [P]. -> For primary

staps give partition humber (1,2,34)

step 6 enter in (first sector) give

Stay 7 give Last sector [ size of partifices]

give [W9] for save.

give mkds. ext4 /dex/5161

step-9 To create File system

MICLIY Home & directory 7

mount Ider/sdb1 Ldirectory7

permentent 3000 ed/etc - chack Astral 2 LS - Atrh 1 gray Potal - > to chack. 3. Vi Istab -> To edit go to last like give Iday/5dbl lina couts default 20 First [0] - backap (6) - Chace Silesystam chau. To dela partition: of control directory from Umount directory browns

Whomat directory browns

Library disk

Library

Home

Home

To delete partition > give (fliste /dev/sdb) -> give(d) -> give (humber)

-> give (wg) por save the team of . Still To set hard Jish size: a) power off the machine -> Go to setting -> storage -> controller: SATA to Elicie [4] symbol. > click create -> Enter hard disk size Eg: 10 CB -> click Finsh Sections. Live to the state of the care Dive to the frame from the Note - Lo river roper sich pus - to see physical columns entered style last contract to the contract of 1.00

LVM (Logical Volume Manager)
stay 1: to create partition some (18  and save it (flish Her (511)  to charge partition type
stay 2: vive dasse lavesdo.
step 3: give in and onter give (t.) and give partition number. and give (t.)
stop 4: give Hex code = [8e] give when to
stop 4: give Hex code =>[8e] give when to give (wa) for save.
steps: provente /dev/sdb2 -) to creete 12
staple: Vg crasta, Lygname> /Lev/J162
stap T: Rucroate -L +26 -h Low hame hame
Sty8: To crooks Linech My
mkfs. exthic/dex/ vg / ku hame hame
stap 9. To create directory mikedir directory haming
staplo: Ament Mark to Marie hame.
give => : Fdev/ vg / Lv / directory ext 4 dedault 00
Last to view valume group
pres - to view physical column
our _ a " Ligical value.

Lu - ex 1 Rho - Lv - Extend state tend -L Step1: Nexterd - L +2G1 [dev/vgrame/Lvrame Positition extend Starz: extsck, 4-f Ider/vgrame/Irrame Check tile System) Step3: Urrount directory Stepte: Lv-Reduce Step 1: Ivreduce - L - 1 Grand dev / vgname/lvrame Steps: check by (Isblk) Stap 1: Unional Lless ( ) SWAP - HONEN EN ENGLISE : 60/2 Step1: To create a partition / flish / Ide /selb > Step 2: Go to fetato fdisk l'der l'ight Give [t] for charge partition type (Enter) give partition number [E9:3] (Exter) give [1] for known partition type (Enter) give [82] for Linux . Shop, stay4: giva (W2) for some steps: check by (ddisk.-). Step 6: give [Free -h] It display the amount of free and used memories system as I shap Stop 7: [mksup /lar/5163] to sal-the suapspace.

stab 8 is) Vi datab letel stab gin a) /dev/5163 swap swap defaults 00 step q: (Swapon -a) to enable the swap. vi check by [free inh] and [1561K] To enable stop 10: [Swapodf (dev/sdb3) to isable the (disable) shap. chaen by [free -h]. [Isbele) 2111600 Remove Volume group and Logical volume step 1: Umount / Lev/v9 /·Lv Directory hame hame step 2:x) voremove vg name (vob) a) give (yes) and (Enter) and give Eyes) (onler) a) give (yes) and (seene.).

a) check by (esbek). Cours for charge front to come is got the come give postition sumber (100) give [1] for Known pertition that Acre (23) to 11100 . 21/2 give (M) for some (2000 12/2) Yel. The siles of the contest of the

Process Maragement wife lines Process >1/5 et 00 foregrow I process Background process => This command used to View process PPD - process Pib ENDIFON CHEM INSWIND MED - Sprent process DI Land and of it but Try - Terminal type. Consumed time of course [ps-et] > This command used to view process of foreground and Background. pricess. " (0 1) 2000 18 4570 [ip and shall well to check it. [systemath restart WetworkManager]. IL) It used to restant the Network Manager service of like 575 tem vie [mtui] => It used to enable (or) disable stop 1: press John button: 90, to autivate a connection, give exter

stop 2: press right button go to speaktive give

anter again enter.

CMD

step 3: Go to Back give (pertent and go to Quil- give Loutors click right button go to ole (RATE)

records I warren of

## Putty " Lunney a

Putty allows users to remotely access and manage computers over a heterork using various protocds.

Step 1: To Lounload and install putty step 2: Go to VM -> click selting go to network -> Go to Alapter 1 -> click Attached to > To change ressert siv bridged adapter. -> click ok

122-123000 1,10 1,40 1, 400 M. Step 3: Give [ip a] in terminal to get Pp allress.

stop 4: open putty give Dp address get i Asomitarhing I put aper.

Stapher Giver [trook] in login as. give soit password and gire (cd) Moore Charles Stop Lacu di de l'interna

[top] =) To list All outhing forocess and chack 1. cobb

the anyard of a skul their sery is a to t

or flow duple rother

stay 6: Gro to VM tarminal give PS. - ef) Step 7. Give [Kill PIB] for [Kill 3718] SIE kill the top Kill - It- lites to kill precession 1 10% objet at lieu This weamonal years ! a fight [kill ppD] -> for kill process [ Kill -9 process ) -> For force Kill so tod PD NO 1 10 128 MM M- 28 M5] : 1 50 12 [ctrl+c] For east processor (Low priority) L +20 (High 11). Is a person region of short son short son ( 101 po wgana M- 16042); 1 dojs [ -12 8 WL 88AB - 63 3 to 1 3 . 1 cheso -1 mason I so lots

the chage of my - 1 and a get a

The chago in lines, used to makage user password aging and account expiration policies.

step 1: create use; [usergal] userhame]
step 2: [chage - l. username] usel to display
perment aging and account eapiration!

stop 1: [chage -M humber of username]

Fo: [chage -M 30 Sabari]

step 2: [chage - L username] to view.

To change days of worning before password approx

stap 1: [chage -W number of user harne]

Eg: [chago -W 2 Sabori]

step 2: [chage - L ussomme] for check.

## [vi leta/togin. dets]

Ly This command used to set the password aging and account easiration count.

Ohce set the humber of days by using this command after creating any user have some days.

[chage -W humber of username]

[chage -W humber of username]

[chage -W humber of username]