Lenux and Data Shection

Booteng procen

1.13IOS (Bance Enpur-output system)

- Lohen compute à lurned on, Blos front Perform some system entegreby chack

Then the BIOS search, location & execute the Boot boader. program.

- Once the bood loader program a delected and loaded into the memory and Bios give the Control to 9t

In semple time the Bion Loads & execute the MBR Boot Loader.

2 MBR (Moult Foot Loader)

- It contain enformation about GRUB
- MBR wads & execut the 4/2013 boo) wader.

3. GRUB

- The GRUB diplay Splanh Serien worth for few seconds eg you don't ent a anythen g of loads the difaut ternel amages as therefred in the grup config tile

- GRUB boads & execute bund & mitted images

Kemel

- Hounh the mool fele rythem as specified in the "root = ' en grub. ? No

- Kernel excente the /oben /eret program Prihad -> Insteal RAMalisie

- enetred & the temproof soot fele Eyetim until Bunel & booted & the real scot file & manted. It contain drivers, & helpe en accernage the hard dire parton etc.

5 Just

looks at the lete/Enittab fells to decide the Lenux sun letel

-0-hald

1-sengle mermode

2 - Mulimer, wethout NOFS

3- Full multeuer.

4 - unused

5-X11

6- reboot

Inst adentifier the defaut enatelled from /de/queltos and wer that to load all appropriate program 6. Runlevel program

At this élage une useu be able to nee défault seusen geering slouted

Egstern næll erær the program from one

Run level 0 - letel sed (swo.d/ Dun buel 1 - letel sed (sced)

Run level 6 - lete brid brotod

runchion of 05

- Securety

->protect was dates

-> It prevents unauthorized acum to program & au dalia

- Job accounting

-> 05 Keeps hair of teme & resources me d lay various tous

- Euron deteting auch

- Constantly morelon the System to detect enough and avoid malfuturing of syven

-Co-ordinator 6/4 spor & wen

05-coordinate & augn to Lupulus, comph, aunder.

Glevery warragement

- The OS manager du primay memos

- It keeps breed of mewory, which byls a und by which press

Processor Managent

- 03 decids the order on which the procent have accom to the procent

- Keepl toole of the states of process

> Commands on windows to cheen die palum
->open power stell temed
-> type duepart
-) [Disupent > lint dur
-> duepat > lil volues
-> Diskpat > list pation
-> Commands to Check Sever 900 Loindows
-> len all sever
> Se quyextype = Senice state= all
-> Sunch for Spaific Souries
> se gunger yre = Scince shore = all 1 find
Seure name ": my seure
=> Slept to slow er) sop Sever in windows
blop Source
->01212 Sled
-> Scorch Senics
-> click on the services you want to stappet
-) click Start to short button
-> Apply

Stop Somes

- -, open Shat
- -> Scoth Suis
- -) Char on the genres you want to son
 - -> Clica 51017
 - -> clickapply.

blonolithic & allerolethic Koul

Alecro terrel

-> mu senses & ternel are Kept an Seperate addu Space

sos is complex to duign

-) Aliero Kend is Small In Size

> Earney to add new furlundby

-> Excellon speed is low

-> failure of one component does not effect by hoorly of Hick Kend

Monorthe Kenn

of Tooth wer Server of tent server are by in same address space

-> OS vi com to dugn & implent

-> geonolithe buil are longer in sije

-> Difficiall to add new functionallis

-> Excelor Speed is ligh

or statue of one componer heads to Jalu of outer sytem.

