List Of Topics : Unix & Shell Scripting - 2 Days

◆**Unix & Bourne Shell :**

1.Why and What : Unix ?

2.Basic architecture explained with an example.

3.Round Robin, Time Sharing / Slicing explained.

4.Importance of Login Id and password

5.Directories : creation, navigation and removal.

6.File Systems : explained in detail.

7.Significance of **.profile**

8.Inode and significance explained with copy(cp) and move (mv) examples.

9.PATH : what and role in access permissions.

10.HOME directory : purpose and importance.

11.Basic commands ; variance with exmaples : ls, ps, pwd, who, wc, tee, cat (variations), mkdir, cd etc.

12.Read, write and execute : (user, group and others) explained wiht chmod command methods (R, W, X and 4, 2 & 1) modes.

13.How to create and drop variables (global and local) in Shell ?

14.Output : echo command

15.File descriptors

16.Variable interpolation.

17.Importance of Escape sequence .

18.Command substitution.

19.Pipes and re-direction.

20.Export variabel across shell.

21.String interpolation with quotation issue variations

22.sort and pipe :

23.grep command and extensions (&& and ||).

24.Positional parameters : explained with example.

25.Shell Scripting : for loop, case, while, if and until (exhaustive coverrage with script examples).

26.Tracing execution path of a script.

27.Test : options wih script examples.

28.touch, link and stat commands : usages.

◆Korn Shell

1.Enhancements in Kron Shell.

2.Ed (options).

3.Regular Expressions

4.tr (options).

5.cut, paste, union, tr, sed, sort, unique.

6.grep(enhancements).

7.Miscellaneous commands : find, locate, which, kill (options), pg, more, head, tail, exit, cmp, diff, comm.

8.Maths in shell scripting.

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