

LINUX - Debian

Linux Server

Services

- ☐ Telnet
- ☐ SSH
- ☐ Web Server
 - ☐ apache2
 - ☐ Virtual Hosting
- ☐ File Servers [Linux -> Linux & Windows]
 - ☐ FTP
 - ☐ SFTP
 - ☐ NFS
 - ☐ SAMBA
- ☐ DHCP
- ☐ DNS
- ☐ Proxy Server
 - ☐ Forward Proxy
 - ☐ squid proxy
 - ☐ Reverse Proxy
 - ☐ haproxy (load Balancer)
 - ☐ apache clustering
- ☐ X Server
- ☐ VNC Server
- ☐ CUPS
- ☐ NIS, LDAP
- ☐ Mail Service

Miscellaneous

- ☐ Installation of Linux
- ☐ Installation of Packages

☐ tree, sudo , man, file

☐ Network Configuration

☐ /etc/network/interfaces

☐ Static

☐ Dynamic

User & Group Management

☐ User & Group Management

☐ adduser

☐ addgroup

☐ useradd

☐ usermod

☐ members

☐ id

☐ getent

☐ groups

☐ deluser

☐ userdel

☐ delgroup

☐ groupdel

☐ whoami

☐ who am i

☐ who

☐ w

☐ passwd

☐ finger

☐ Files

☐ /etc/passwd

☐ /etc/group

Disk Management

☐ Disk Management

☐ lsblk

☐ df

☐ du

☐ fdisk

- ☐ mkfs
- ☐ gdisk
- ☐ cfdisk
- ☐ lvm
- ☐ mount
- ☐ umount

File & Directory Management

☐ File Management

- ☐ ls
- ☐ cd
- ☐ tree
- ☐ pwd
- ☐ touch
- ☐ mkdir
- ☐ chmod
- ☐ chown
- ☐ chgrp
- ☐ umask
- ☐ ACL
 - ☐ getfacl
 - ☐ setfacl
- ☐ cat
- ☐ cp
- ☐ scp
- ☐ mv
- ☐ rm
- ☐ rmdir
- ☐ less
- ☐ more
- ☐ head
- ☐ tail
- ☐ nano
- ☐ vi/vim
- ☐ gzip , gunzip

- ☐ zip, unzip
- ☐ zcat
- ☐ tar
- ☐ find
- ☐ locate, updatedb
- ☐ pushd
- ☐ popd
- ☐ dirs
- ☐ ln [hard link - soft link]

Process Management

☐ Process Management

- ☐ ps
- ☐ top
- ☐ htop
- ☐ atop
- ☐ kill
- ☐ killall
- ☐ pkill
- ☐ jobs
- ☐ fg
- ☐ bg
- ☐ sleep
- ☐ crontab
- ☐ systemctl
- ☐ uptime
- ☐ &
- ☐ ()

Filter Commands

☐ Filter Commands

- ☐ cat
- ☐ tac
- ☐ head
- ☐ tail
- ☐ cut

- ☐ sort
- ☐ uniq
- ☐ grep, egrep, fgrep
- ☐ awk
- ☐ sed
- ☐ wc
- ☐ diff

Network Management

- ☐ Network Management
 - ☐ ip
 - ☐ ping
 - ☐ tracer
 - ☐ netstat [deprecated]
 - ☐ ss
 - ☐ dig
 - ☐ nslookup

Other Linux commands

- ☐ echo
- ☐ printf
- ☐ read
- ☐ sudo
- ☐ su
- ☐ history
- ☐ alias
- ☐ unalias
- ☐ passwd
- ☐ date
- ☐ time
- ☐ banner
- ☐ sl
- ☐ xeyes
- ☐ xterm
- ☐ whatis
- ☐ man

- ☐ whereis
- ☐ which
- ☐ dhclient, dhclient -r
- ☐ wget
- ☐ curl
- ☐ links
- ☐ ssh
- ☐ scp
- ☐ apt
- ☐ dpkg
- ☐ systemctl

Input & Output Redirection

- ☐ >
- ☐ >>
- ☐ 2>
- ☐ &>
- ☐ <
- ☐ { } [Multiple Commands]
- ☐ exec
- ☐ |
- ☐ &&
- ☐ ||
- ☐ ;
- ☐ &

BASH Scripting

Brackets

- ☐ ()
- ☐ (())
- ☐ []
- ☐ [[]]
- ☐ { }

Comments

- ☐ Single Line
- ☐ Multi Line

Others

- ☐ echo
- ☐ read
- ☐ if
- ☐ case
- ☐ for
- ☐ while
- ☐ until
- ☐ data types
- ☐ string manipulation