ALM

to study basic network command and Network configuration

- a. ling
- b. reace with
- c. aup
- d. soule
- e utilat
- f. About lete folder
- g. Setting up host name! setting local name usolution

THEORETICAL BACKGROUND

Network configuration commands drives into essential commands for network troubleshooting configuration, and management, covering fundamental tooks and configuration files.

Plug

ling is a utility that sends internal control menage motocol (ICMP) Request Echo Request Host minages to a destination to cheek network connectivity

Example command

ping ¿ nostman or if addiess?

Trace voute

traverbute is used to trace the voute that packets take to mach a destination, displaying the IP address of souters in the path.

thample command

trace evite & nostname of IP addies >

ARP (Addiess Resolution hotocol):

'ARP' is used to display and manipulate the ARP cache, which translates IP addresses to MAE address.

trample command:

alp-a

Route:

'eoute' is a command that shows and manipulates the IP writing table, allowing the configuration of static counts

Enample command

e-Metstat:

"Netstat" displays network - ellated information such as active connections, souting tables and interface statistics

enample command

Alcout let foldu:

unifiguration file for various applications and services, providing a contrain to system

uide voujiquations.

trample command

cuostname etl' is used to set the system northanne and mortifying the 'lote/hoste' file allows local name excelution

Enample command

westname et set set - westname & new - westname >

sudo nano/etc/wste

(Add a line like 167.0.0.1' woodhost Lyour-nostname)

CONCLUSION

familiarised with basic network and network configuration commands and applied them. Output uceived succentury.