Ahmed Nazmy - ccna and encor

CLI introduction and basic commands

Hostname

> User mode (limited)

# Privilege mode (admin)

(conf)# Global configuration model

> en = enble to start config

# sh run = show run view all info confing in router

#conf t = to start with configuration model

(config)# hostname xxx = change name router = change name router

(config)# do show ip interface brief or do sh ip int br = view table for port

(config)# int g0/0 or f0/0 = work with port

(config)# ip address 100.100.96.20 255.255.224.0 = give ip for port

(config)# no shut = port up to work

(config)# do wr or copy run start = save config

(config)# do reload = reload last save

(config)# enable password xxxx = password

(config)# no enable password = no password

(config)# enable secret xxxx = password md5

(config)# line aux 0 or con or vty = port fiscale

(config)# password 1234 = password for port Aux

(config)# enable password xxxx = password

(config)# service password—encryption = enable password 7

**telnet 23 use virtual terminal 0-4 this old way**

(config)# line vty 0 4 = work remotle in rotuer

(config-line)# password 1234 = password

(config)# login local = must write login to access this port

**SSH active**

(config)# ip domain-name omar =name to domain

(config)# crypto key genrate rsa =create ssh key in router

HOW man bits in the modulus [512] : 1000 = level for key crypto

(config)# username omar secret 1234 = create user to access and pass

(config)# line vty 0 4

(config)# transport input ssh

(config)# login local

(11)