

Router Basic Configuration

Set system's network name

Router(config)# hostname <new_hostname>

Define a login banner

Router(config)# banner motd

Establish User Name Authentication

Router(config)# username <username>

Establish User Name Authentication

Router(config)# username <username> password <password>

Deleting User

Router(config)# no <username>

Encrypting plain text passwords

Router(config)# service password-encryption

Define the configuration register

Router(config)# config-register <value>

Interface Configuration

Select an interface to configure

Router(config)# interface <interface_name_number>

Assigning IP Address & Subnet_Mask

Router(config-if)# ip address <ip_address> <subnet_mask>

Removing IP Address

Router(config-if)# no ip address

Enabling Interface

Router(config-if)# no shutdown

Disabling Interface

Router(config-if)# shutdown

Setting Clock Rate

Router(config-if)# clock rate <clock_rate>

Removing Clock Rate

Router(config-if)# no clock rate

Setting Bandwidth

Router(config-if)# bandwidth <bandwidth>

Removing Bandwidth

Router(config-if)# no bandwidth

Note: Before configuring any interface, you have to select specific interface.