

Dt: 03/06/2021

Commands for configuring router: -

- **enable** : to get/or go into root access of router console.
- **show running-config** : to check the default configuration file.
- **configure terminal** : to come in configure mode.
- **enable password PASSWORD** : to add password.
- **hostname NAME** : to change name of router.
- **enable secret PASSWORD**: do this in configure terminal to give more protection.
- **line console 0** : to go in line configuration mode.
 - **password PASS** : to add password to line.
 - **login** : to activate password.
- **banner motd \$message you want to print on console\$**
- **no enable password** : to disable password.
- **service password-encryption** – to enable password encryption.
- **no service password-encryption** – to disable password encryption.
- **no enable secret** : to disable secret password.
- **line vty 0 4** : to create 5 simultaneous virtual connections (perform inside config terminal)

TO ADD IP TO PORT

1. configure terminal
2. interface gigabitEthernet 0/0/0
3. no shutdown (to enable/ON the port)
4. ip address 192.168.0.1 255.255.255.0
5. description add_any_description_u_want_to_add
6. exit

IP ROUTE (static)

1. configure terminal
2. ip route 60.0.0.0 255.0.0.0 50.0.0.1

IP ROUTE (rip)

1. configure terminal
2. router rip
3. network 70.0.0.0