

```
Rz configuration: -
config 1
 int goro
 10000 30.80.30.1 255.0.0.0
 no shut
 in-1 for
  1P ADD 50.20.20.5 2550.0.0
  no shut
  WY
   tirs
   exit
 Now the IP configurations for the PCs:
 PCO configuration! -
 IP add 10:10:10.2, subnet mask 255:0:0.0, Default gateway 10:10:10.1
 IP a 22 10:10:10:3, subnet mask 255:0:0:0, Default gateway 10:10:10:1
 PC2 configuration: -
 IP a 20 10:10:10:4, subnet mask 255:0:0:0 Default galeway
 PC3 configuration: -
 IP add 20:20:20:2, subnet mask 255:0:000, De fault gateway 20:20:20:1
 PC4 configuration: -
 IP and 20.20.20.3, subject mask 255.0.00, Default gateway 20.20.20.
 PC 5 configuration:
 IP and 20:20:20:4, subnet mask 255.0.0.0, Default gateway
 PCG configuration: -
 IP a 22 30:30:30.2, sub net mask 255:0:0:0, Default gateway 30:30:30:1
 PC7 configuration: -
IP 022 30:30:30:3, subnet mask 255:0:0:0, Default gateway 30:30:30:1
PC8 configuration: -
 IP add 30:30:30:4, subnet mask 255:0:0:0, Default gateway 30:30:30.1
iv) Configure BCAP on the station, station 2, station 3
     station 1:
     router bgp1
      network 10.0.0.0
      network 400000
      neighbor 40.40.40.2 remote. asz
      exit
      exit
     Station 2:
       router bgp2
       network 20.0.0.0
       network 40.0.0.0
       network 5000.00
       neighbor 40.40.40.1 remote-asi
       heighbor 50.50.50.2 remote-as3
       exit
```

elation 3: nouter bgp3 network 50.000 Network 30.0.0.0 neighbor 50.50.50.1 remote - as2 exil exil To check the connectivity, a packet is sent through the network To verify BUP, the following command is used: show ip route togp: Displays the Bap routing table of the router. show in the Bap Routing Photocol is configured. A packet is successfully sent from source PCB to Destination Pco The BOIP routing table is displayed: 8 10'0'0'0/8 [20/0] via 50'50'50'1 01:11:59 B 20.0.0.0/8 [20/0] via 50.50.50.1 01:11:59 B 40.0.0.0/8 [20/0] via 50.50.50.1 01:11:59 Remarks: The network topology is oneated and configurations are made on the routers and the pcs. Bap routing protocol is configured and the routing table is shown.