

```
configuration:
config t
ip and 3030:30.2 255.0.0.0
no shul
int at to/1
 ip 200 40.40.40.1 255.0.0.0
 no shut
 int fro
 1 p a 2 3 60 60 60 1 25% 0.0.0
 ho shut
 WY
 exit
  exit
 Ry configuration: -
 config i int ofo/o
  ip 000 40.40.40.7 255.0.0.0
 no shut
 int fo/1
  ip 000 50.50.50.1 255.0.0.0
  no shut
  WY
  exit
  exit
  now the IP configurations for the PCS.
      configurations:
      020 10.10.10.5 Enput mask 255.0.0.0 Default gateway 10.10
  PCI configurations:-
   IP 000 60:60:60:2 subnet mosk 255.0:0:0 Refault gateway 60:60
  47 configure OSPF on the Routers:
   i) Enable OSPF as on a rouder using router OSPF PROCESS ID.
   ii) Define on which interfaces OSPF will run and what network
        will be advertising using network IPADDRESS WILCARD_MASK
        AREA command in the OSPE Configuration mode
      Commands:
  routed ospf 1
   ne-twork 10.0.0.0.0 255.255.255 area 0
  network 20'0'0'0 0'2558.255.255 Varea o
   metwork 30.0.0.00.255.255.255 areao
   retwork 40.0.0.0.255, 255, 255 area 0
   network 50.0.0.0 0.265.255.255 aread
```

network 60:0:0:00:255:255.255 area0

To check the connectivity a packet is send through the network. To rently OSPF the following commands once used:

show IP route: Displays the routing table of the router.

show IP OSPF neighbour: Display the OSPF routing table of the role.

Show IP OSPF neighbour: Displays the OSPF neighbours such on router ID, state of the route.

Show IP OSPF Ratabase: Displays the OSPF link. State Ratabase on the router.

Show IP OSPF Routing Protocol is configured. A packet is sent routing table is Risplayed.

Remarks: The network to pology is created and the configuration one made on the routers and the PCS. DSPF Routing Protocol is configured and the routing table is shown.