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## Practical -11(a)

AIM:

simulate static Routing Configuration  
using CISCO packet Tracer.

static routers are the router that you manually add to the other's routing table the process of adding a static routing to the routing table is known as static routing.

If we specify the routes for the same destination the router automatically selects the best route for the destination and adds the route to the routing table.

Creating, adding, verifying static routes.

Routers automatically learn their connected networks that are not available on the routers interface

three routers are chosen to perform this activity with each router having its own local network interface separated by IP address.



Router 0 - 10, 20, 40 (0.0.0/8)

Router 1 - 20, 30, 50 (0.0.0/8)

Router 2 - 40, 50 (0.0.0/8)

## Verifying static Routing

By listening the routing table entries on router 0. since a router has the routing table to forward data packets.

## Deleting a static route

→ Use the 'show ip route static' Command.

→ Note down the route to delete

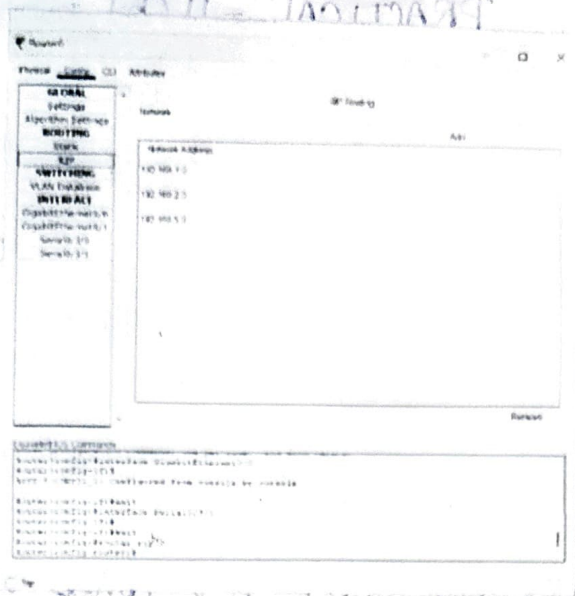
→ Use 'no ip route' Command to

delete



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# Static Routing

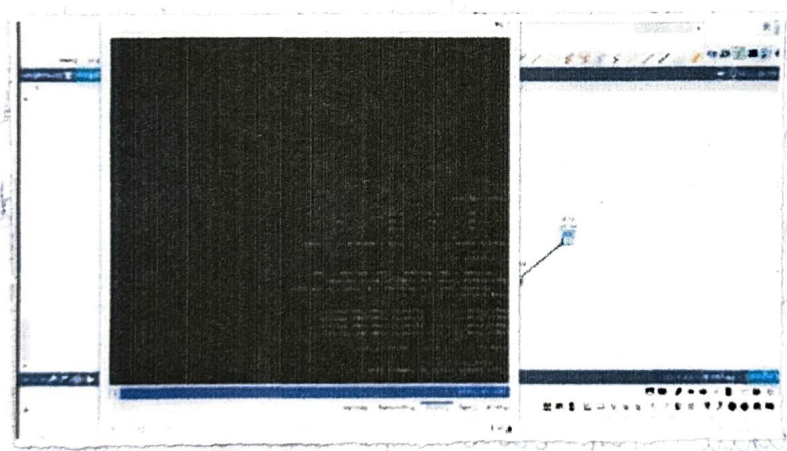


Static

10.0.0.0/24

10.0.0.1

When we configure static routing, we need to specify the destination network, the next hop IP address, and the administrative distance. In this case, we are configuring a static route for the 10.0.0.0/24 network, with the next hop IP address of 10.0.0.1 and an administrative distance of 1.



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## Result:

Hence static Routing was simulated successfully.