

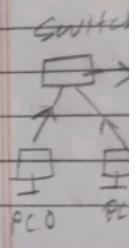
Ex: 11a) Simulate static
date: 9/10/24 Routing Configuration
using CISCO Packet
Tracer

Aim:
To simulate static routing
configuration using CISCO Packet
Tracer.

Procedure:

- 1) Adding static routes:
 - Each router knows only the networks directly connected to it.
- 2) Creating main and Backup route:
 - decides the preference of routes the lower the AD.
- 3) Router configuration:
 - Configure static routes on each router for networks not directly connected.
- 4) Verifying routes:
 - show ip route static
 - this command shows the static routes currently in use by the router

5) Tracer
a. con
link
output



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simulate static
routing configuration
using cisco packet
tracer

static routing
cisco packet

test:
knows only
connected to it.

Backup route:
preference
the AD.

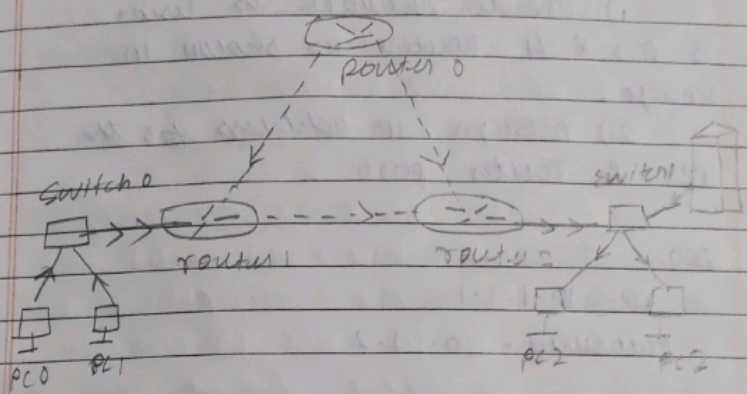
static routes
works not

static
the
in used

5) Testing Routing Failures:

1. Test connectivity using
tracert or ping from a device on
a connected network.
2. Disconnect or "break" the
link on the network.

output:



Result:

Simulation for static routing
configuration using cisco packet tracer
is done successfully.

[Handwritten signature]