AIM:

Packet Tracer.

(b) Simulate RIP wing CISCO packet tracer

(a) 1. Adding Static Poules: each souter knows only the network directly connected to it. add Static Source to reach or network not directly connected.

Eg: Router 0, networks 10.0.0.0/8, 20.0.0.0/8, 2
40.0.0.0/8. are directly connected but 30.0.0.0/8,
50.0.0.0/8

2. Creating marn, Bockup Routes Administrative distance decides perference of souter: the lower the AP, the higher the Preference

3. Pouter configurations:

Configure static souler on each souler for
network not directly connected.

4. yearfying Router;

verify soutes by using Commands show ip

5. Testing Pouts Fail over. Ly Fest connectivity using ping from adevice on a connected network Ly disconnect or "break" the link on the main sout 6. deleting a state Poute Show ip soute Static

1. Initial IP Configuration for devices
2. Assign IP addresses to device for pcs 2 soulers
3. enable, configure, interface on souter
4. configure RIP on souter
5 verify and test realindary
-use ping command on PCI
- use traces to RIP redirecting
traffic through an alternate soute
% Pouter &
olo oli oli Poutera
Pouter 2 Sant desuper 1 days
PCI PC2
Result: Thus RIP is Simulated using Cisco Packet
Tester Successfully.

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