

b) Simulate RIP using CISCO Packet Tracer.

Assign IP address to PCs.

Double click PCs & click desktop menu itself & click IP configuration. Assign IP address referring the above table.

Assign IP address to interface of routers Router & enable.

Router # configure terminal

Enter configuration commands, one at a time

Router (config)#

Do the same for Router 1 & Router 2.

Use same commands to assign IP address on interface for router 2.

Configure RIP routing protocol.

Router 0.

Router 0 (config) # router rip

Router 0 (config-router) # network 10.0.0.0

Router 1.

Router 1 (config) # router rip

Router 1 (config-router) # network 192.168.1.244

Router 2.

Router 2 (config) # router rip

Router 2 (config-router) # network 20.0.0

Router 1

DCEP [S1/0 10.0.0.2] (=) Router [Fast Ethernet 0/1]

(T4/T1/25) -> 10.0.0.0.1

Result:

Hence the simulation of RIP using Cisco packet tracer done successfully.

shorten primary before router many of
two bypassing show router signage tech
router shorten

clustering stub domains short transit & point

Device	Interface	IP configuration	Connect width
PC0 or Router 0	Fast Ethernet	10.0.0.2/8	Router 0 50/0/1
Router 0	Fa 0/1	10.0.0.1/8	PC0's Fast Ethernet
R1	So 1/0/0	192.168.1.254/30	Router 1 50/0/1
R1	So 1/0/1	192.168.1.246/30	Router 1 50/0/0
Router 2	So 1/0/0	192.168.1.245	Router 1 80/0/1
R2	Fa 1/0/2	20.0.0.1/30	RC 15 Fast Ethernet
Pc.	Fast Ethernet	20.0.0.2/30	R2's fast

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primary bypassing show router side 2
bypassing router advertising protocol & item
for advertising router more now after that
between