

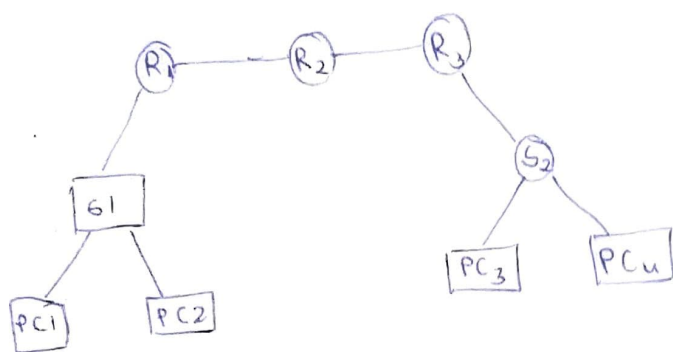
12/10/2020

CN-1064

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How to configure default router to the routers

The topology consists of 4 end devices, 2 switches and 3 routers



PC<sub>1</sub> & PC<sub>2</sub> are having gateway as 10.0.0.1 & IP addresses 10.0.0.10 & 10.0.0.11 respectively.

Similarly PC<sub>3</sub> & PC<sub>4</sub> are having default gateway address as 40.0.0.1 and IP address 40.0.0.10 and 40.0.0.11 respectively.

Router R2 is configured with static IP routers

Routers R1 & R2 are configured with default route.

Using the command

```
# ip route 0.0.0.0 0.0.0.0 <next-hop-address>
```

Outcome:-

→ This reduces the overhead of specifying routing address for each network when 3 or more networks are connected in series [through router to router]

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