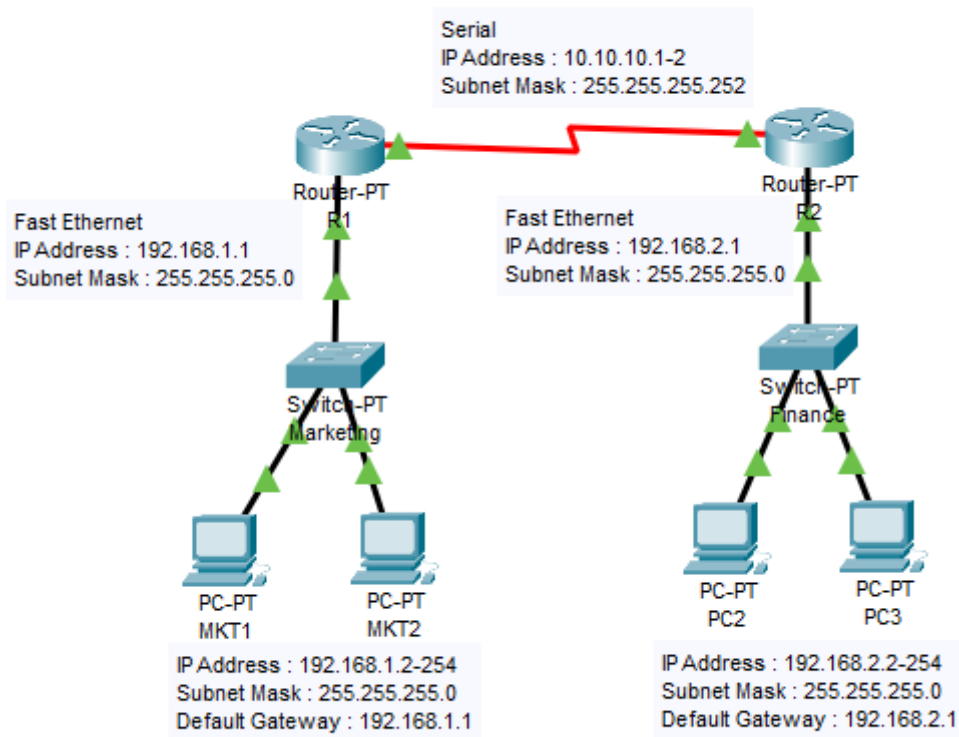


Lab 4: Packet Tracer : Introduction to Configuration

Configure the Routers, Switches and PC using Packet Tracer.



Instructions:

1. Click Options>Preferences> Tick at Always Show Port Labels
2. Turn ON all the interface used - make sure all "dots" are green
3. Start with configuration:

a) Change Host Name : Config Tab > Hostname & Display Name

Router 0 – R1

Router 1 – R2

Switch 0 - Marketing

Switch 1 - Finance

PC0 - MKT1

PC1 - MKT2

PC2 - FIN1

PC3 - FIN2

b) Configure IP Address and Subnet Mask for each Interface : Config Tab> Interface

R1 Router

Interface FastEthernet0/0

IP Address: 192.168.1.1

Subnet Mask: 255.255.255.0

Interface Serial0/0/0

IP Address: 10.10.10.1

Subnet Mask: 255.255.255.252

clock rate 2000000

R2 Router

Interface FastEthernet0/0

IP Address 192.168.2.1

Subnet Mask: 255.255.255.0

Interface Serial0/0/0

ip address 10.10.10.2

Subnet Mask: 255.255.255.252

PC0 - MKT1

IP Address : 192.168.1.2

Subnet Mask : 255.255.255.0

Default Gateway : 192.168.1.1

PC1 - MKT2

IP Address : 192.168.1.3

Subnet Mask : 255.255.255.0

Default Gateway : 192.168.1.1

PC2 - FIN1

IP Address : 192.168.2.2

Subnet Mask : 255.255.255.0

Default Gateway : 192.168.2.1

PC3 - FIN2

IP Address : 192.168.2.3

Subnet Mask : 255.255.255.0

Default Gateway : 192.168.2.1

c) Configure Routing (at Router ONLY) : Config Tab> Routing > RIP

R1 Router

** Network : 192.168.1.0

** Network : 10.0.0.0

R2 Router

** Network : 192.168.2.0

** Network : 10.0.0.0

4. Test the configuration. How??

a) Use Add Simple PDU icon on your RIGHT, click at source and destination

b) Open PC > Desktop Tab> Command Prompt > ping destination IP Address