

LAB INSTRUCTIONS:

Create the network diagram in which you have to connect two different LANs 3 nodes connecting with two different switches and then connect these switches to router assign subnet mask, IP addresses and Default Gateway to all the devices and ping the IP address from both sides whether the respond to each other or not.

Use the following devices:	
S No	Devices Name
1	PCs (x6)
2	Switch 2960 (x2)
3	Router 2911(x1)
3	Use by default Subnet mask for both the LANs
4	<p>Assign IPv4 address the devices present in LAN1 and LAN 2 respectively.</p> <p><u>LAN 1:</u> PC1 IP4 address = 10.0.0.1 PC2 IP4 address = 10.0.0.2 PC3 IP4 address = 10.0.0.3 IP for Router = 10.0.0.4</p> <p>Default Gateway = 10.0.0.4</p> <p><u>LAN 2:</u> PC4 IP4 address = 192.168.1.1 PC5 IP4 address = 192.168.1.2 PC6 IP4 address = 192.168.1.3 IP for Router = 192.168.1.4 Default Gateway = 192.168.1.4</p>

**Connect the devices together using Packet Tracer's

'Select a Connection Type' function

X represents number of devices **