

IPV4 Subnetting

Choose the Class in which the Ip addressing is to be done B Class Submit

Give IP Addresses for the following Computers with a Network id 138.4.0.0 in Class B



PC 1:

IPv4 Address:	138	4	18	234
Subnet Mask :	255	255	0	0



PC 2:

IPv4 Address:	138	4	178	1
Subnet Mask :	255	255	0	0



PC 3:

IPv4 Address:	138	4	189	12
Subnet Mask :	255	255	0	0

EVALUATE

PC 1 in Network

PC 2 in Network

PC 3 in Network

Cisco Packet Tracer

FileEditOptionsViewToolsExtensionsWindowHelp

LogicalPhysicalx: 970, y: 89

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.000	--
	0.001	PC4
Visible	0.002	Switch1

Reset Simulation

☒ Constant Delay

Captured to: 0.002 s

Play Controls

Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H, 323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters

Show All/None

Time: 00:22:51.531PLAY CONTROLS

Scenario 0

NewDelete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit
	In Progress	PC4	PC1	ICMP		0.000	N	0	(edit)

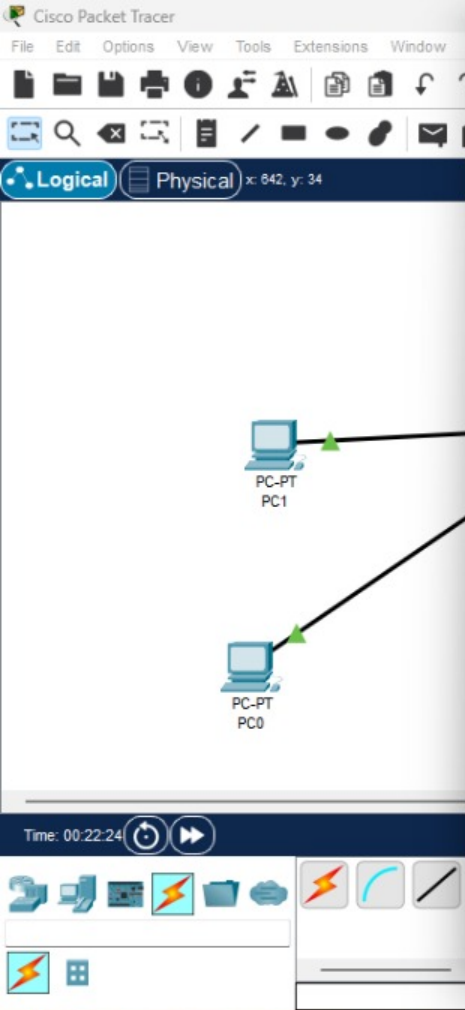
Automatically Choose Connection Type

57°FHaze

Search

ENG IN

8:21 PM12/7/2022



Router0

Physical Config CLI Attributes

GLOBAL

- Settings
- Algorithm Settings
- ROUTING**
- Static
- RIP
- INTERFACE**
- FastEthernet0/0
- FastEthernet1/0**
- Serial2/0
- Serial3/0
- FastEthernet4/0
- FastEthernet5/0

FastEthernet1/0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0006.2A29.8A73

IP Configuration

IPv4 Address 192.168.10.132

Subnet Mask 255.255.255.128

Tx Ring Limit 10

Equivalent IOS Commands

```
Router(config)#  
Router(config-if)#exit  
Router(config)#interface FastEthernet0/0  
Router(config-if)#  
Router(config-if)#  
Router(config-if)#end  
Router#configure terminal  
Enter configuration commands, one per line. End with CNTL/Z.  
Router(config)#  
*SYS-5-CONFIG_I: Configured from console by console  
  
Router(config)#interface FastEthernet1/0  
Router(config-if)#
```

☐ Top

Toggle PDU List Window

Root

11:16:00

Realtime Simulation

Destination	Type	Color	Time(sec)	Periodic	Num	Edit
PC1	ICMP	■	0.000	N	0	(edit)

