

Date / /

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1. Problem Statement:- There is an organization A with multiple departments. Design a network for HR department and the size of department is 10 users. Also, show the connection b/w user number 1 and user number 5 of the network.

Objective: To understand connection of PCs using switch.

Description:

Step 1: Take 10 PC's.

Step 2:- Take a switch.

Step 3:- Connect each PC with a switch using wire.

Step 3.1: Click on PC, select ethernet, drag wire to switch, left click on the switch, select ethernet.

Step 4:- Repeat Step 3 for other PC's.



Step 5: ~~Open~~ Provide IP configuration to PC's

- (a) Right click
- (b) Select Desktop
- (c) Select IP configuration
- (d) Provide IP ~~to~~

Step 6: Repeat Step 5 for other PC's

Step 7: Open PC 1 &

• Select desktop

• Select Command Prompt

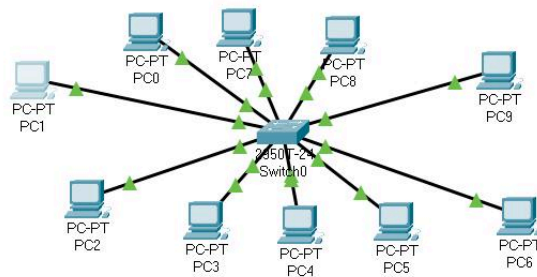
• Give • ping command.





Logical Physical x: 569, y: 95

[Root] 01:11:00



PC1

Physical Config Desktop Programming Attributes

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Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ping 10.1.1.5

Pinging 10.1.1.5 with 32 bytes of data:

Reply from 10.1.1.5: bytes=32 time<1ms TTL=128
Reply from 10.1.1.5: bytes=32 time<1ms TTL=128
Reply from 10.1.1.5: bytes=32 time=1ms TTL=128
Reply from 10.1.1.5: bytes=32 time=1ms TTL=128

Ping statistics for 10.1.1.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

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Time: 00:02:16

Realtime Simulation



Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful		PC1	PC5	ICMP		0.000	N	0	(edit)	(delete)

