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Course : MCA - 2A

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Subject Name : Computer Network

Subject code : TMC 203

Solution 1

Problem statement: There is an organization A with multiple departments. Design a network for the HR department and the size of department is 10 users. Also show the communication between user number 1 and user number 5 of the network.

Objective : To Design a network for the HR department using packet tracer

Description: Steps for practical and snapshot of output.

Step 1 : select 1 Lan

Step 2 : select 10 Pc's

Step 3 : Create connection

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical

Physical

x 582, y 509

Realtime

Simulation

```
graph TD; Switch0((Switch0)) --- PC0[PC-PT PC0]; Switch0 --- PC1[PC-PT PC1]; Switch0 --- PC2[PC-PT PC2]; Switch0 --- PC3[PC-PT PC3]; Switch0 --- PC4[PC-PT PC4]; Switch0 --- PC5[PC-PT PC5]; Switch0 --- PC6[PC-PT PC6]; Switch0 --- PC7[PC-PT PC7]; Switch0 --- PC8[PC-PT PC8]; Switch0 --- PC9[PC-PT PC9];
```

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC1	PC9	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC0	PC8	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC1	PC5	ICMP		0.000	N	2	(edit)	(delete)