

Name Hilal Ahmad
Id 14728
Class bs(se) 4th semester
Section B
Course computer communication and networks
Lab Final term computer communication and networks
Date 6/29/2020
Submitted To mansoor Qadir

LAB EXAM

1. Construct a network topology which have one router. 2.
2. Give hostname to the router with your name like "Muhammad ALI" 3
3. . Apply login password as your roll number e.g. "12345" on the router 4.
4. Enable secret password to it 5.
5. Show banner of "NO ACCESS" before login on the router and show the results.
6. Router is connected with 5 computers
7. 7. Also connect two switches with router which is connected with 2 of the

computers from one side and 3 computers with other side

8. Assign the computers, switches and routers proper IP addresses, subnet mask and default gateways

9 .Configure router using command line interface and ping one PC to other and

show the results 10. In the end use "save your configurations" command and show the result.

Solution :

The screenshot displays the Cisco Packet Tracer interface. The main workspace shows a network topology with a central router named 'HilalAhmad' (model 1841) connected to two switches (model 2960-24TT) and several PCs. The router is configured with the hostname 'HilalAhmad' and IP address 1121.212.12121. The switches are connected to the router and have their own IP addresses. The PCs are connected to the switches and have various IP addresses. The simulation panel on the right shows an event list with the following data:

Vis.	Time(sec)	Last Device	At Device	Type
	50.077	--	122.121.121...	DHCP
	50.088	--	12.1243.212	DHCP
	110.079	--	122.121.121...	DHCP
	110.091	--	12.1243.212	DHCP

The bottom status bar shows the time as 01:25:24.694 and the simulation is running in Realtime mode. The system tray at the bottom of the screen shows the date and time as 10:12 AM 6/29/2020.

