

INTERNET PROTOCOL LAB ASSIGNMENT -9

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AIM: -

To Simulate College Network connections using Packet Tracer

Tool Used:

Cisco Packet Tracer.

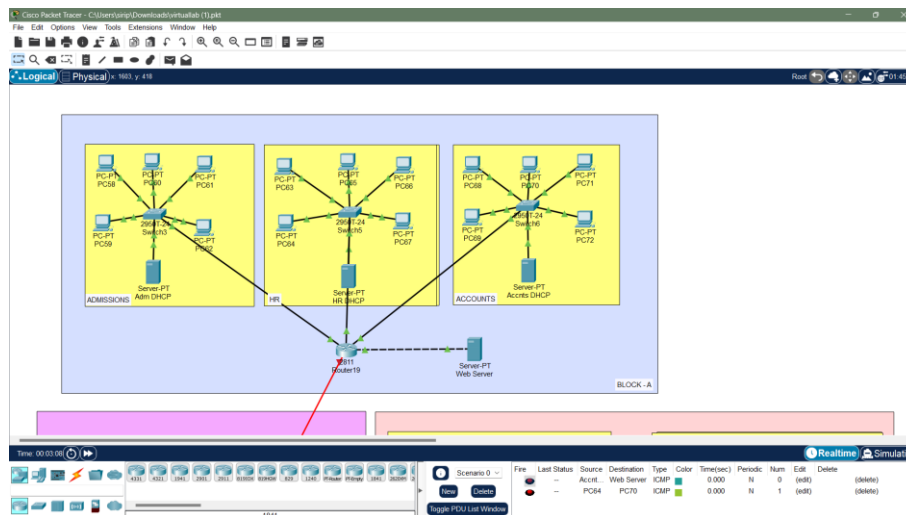
Tasks:

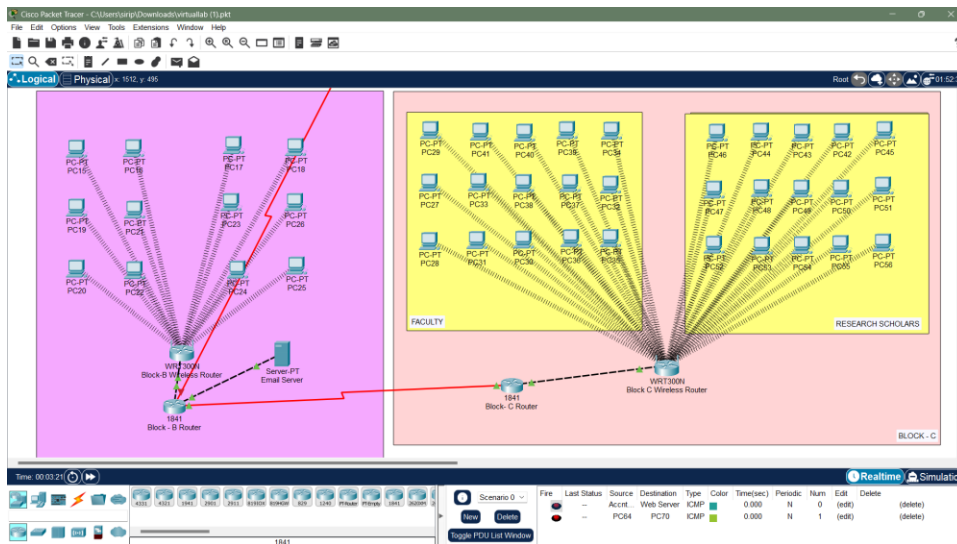
1. Set up 3 blocks i.e. Block A, Block B, Block C with each having sub-blocks that contains the following:

Block A: Admissions , HR, Accounts

Block B: Ab3 block contains 12 sys{with Wi-Fi} + email server

Block C: Ab2 block contains 2 departments : Faculty, Research scholars both 15 sys with Wi-Fi.





2. After setting up the different blocks , now we will connect the systems with the wireless routers. From Block A we connected the every system to a switch in each block I.e subnet , connected through a DHCP server , and have webserver, its connected to a common router which is again connected to block B.
3. Here in block B every system is connected to the wireless router with password secured, again the wireless router is connected to other the router-B to have external routing, this router-B is again connected with Server i.e Email server .
4. Now in the block C we have 2 sub departments I.e faculty and research scholars these both are connected to a common wireless router.
5. And again the router B which is in the block b is connected to the block c router , because the systems to communicate and also the email server should be accessed by all departments.
6. Now coming to the functioning here any or all systems can communicate with each other and any system can access email and web server.+