Feasibility report for

IAS Lab 1 Assignment

Submitted by

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VI SEM B.Tech (IT)

Under the guidance of

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in partial fulfillment for the award of the degree of

Bachelor of Technology in Information Technology at

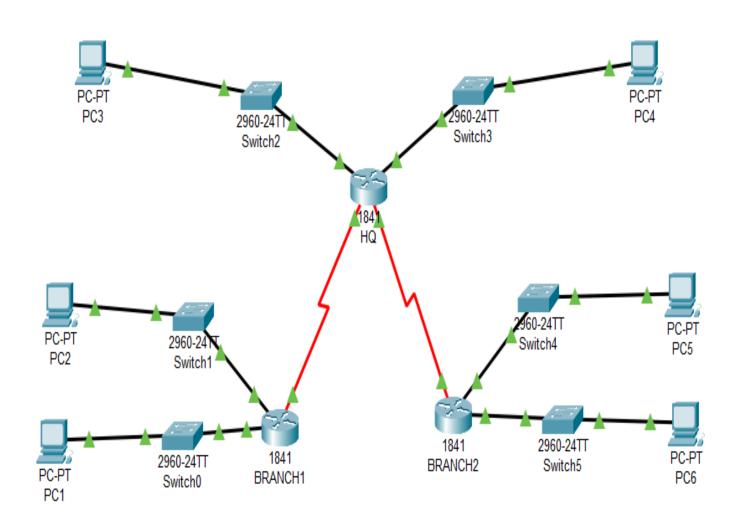


Department of Information Technology

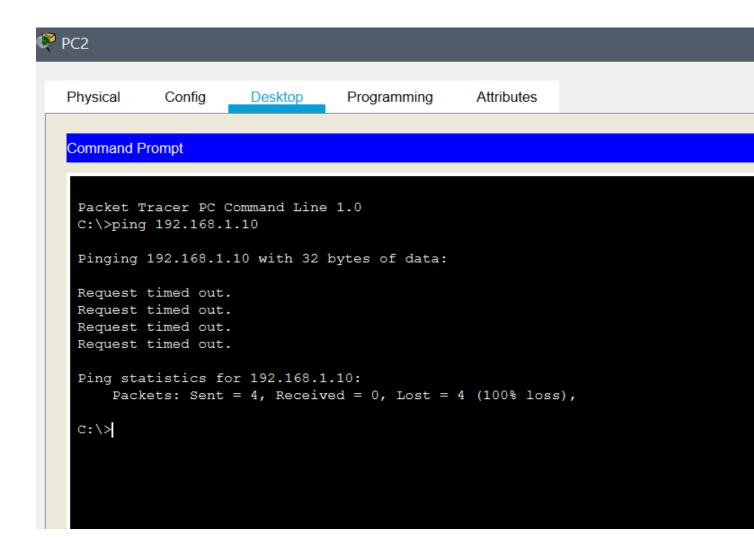
National Institute of Technology Karnataka, Surathkal

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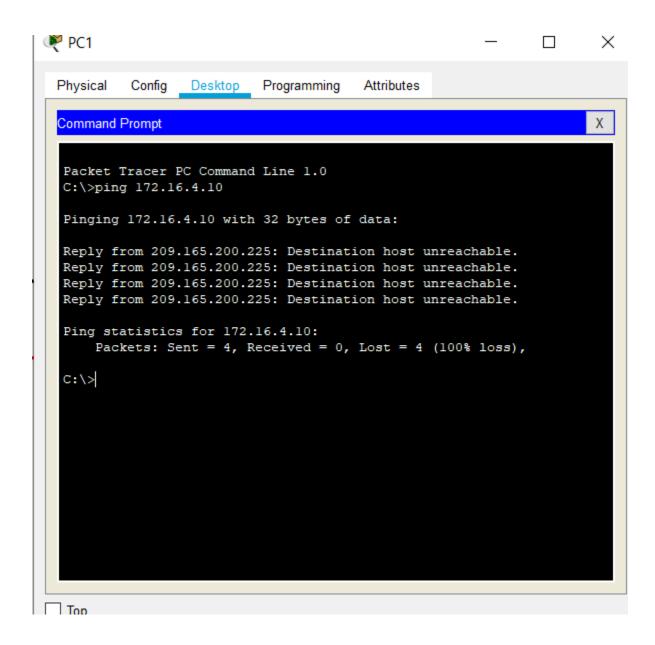
NETWORK TOPOLOGY:



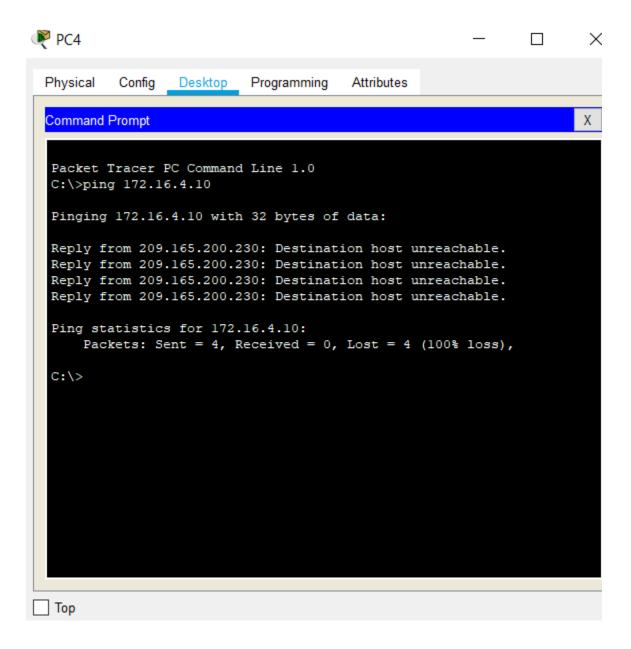
1. Write a firewall policy at interface S0/0/0 of HQ Router in the given topology that should block all incoming ICMP Echo requests. Demonstrate the operation by sending a message from PC2.



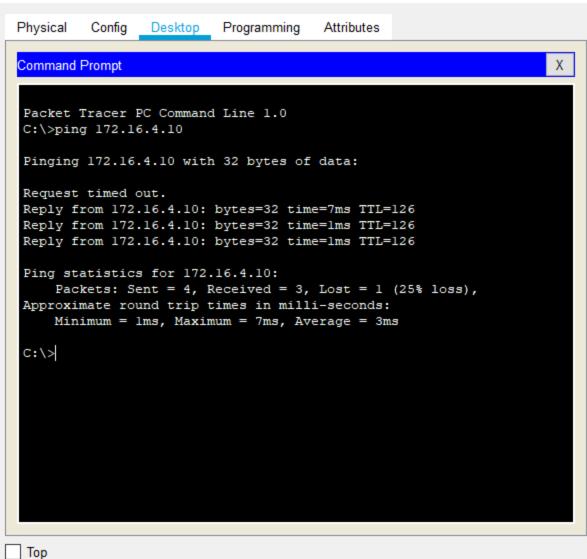
2. Write a firewall policy at interface S0/0/0 of HQ Router in the given topology that should block any traffic incoming coming from 172.16.0.0/23 network. Demonstrate the blocking operation by sending a message from any system from the network 172.16.0.0/23.



3. Write a firewall policy at interface S0/0/1BRANCH2 Router in the given topology that should allow any traffic incoming coming from PC3 and rest of the traffic should be blocked. Demonstrate the operation by sending messages from any system from any network and PC3.

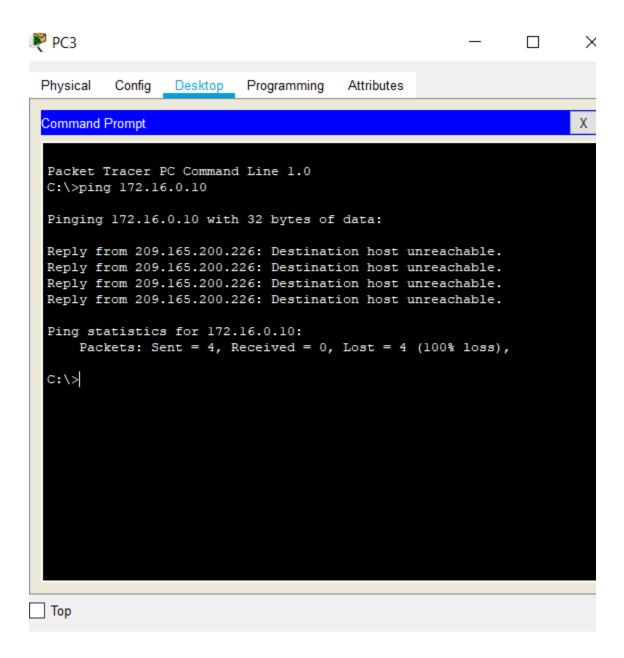






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4. Write a firewall policy at interface S0/0/0 of BRANCH1 Router in the given topology that should block any traffic incoming coming from any system belonging to 192.168.1.0/25 network. Demonstrate the operation by sending a message from any system of the network 192.16.0.0.



5. Write a firewall policy at interface S0/0/0 of BRANCH1 Router in the given topology that should block any traffic incoming coming from any network. Demonstrate the operation by sending a message from any system of the network 192.16.0.0.

