

Homework 4

CMP 405: Introduction To Networks

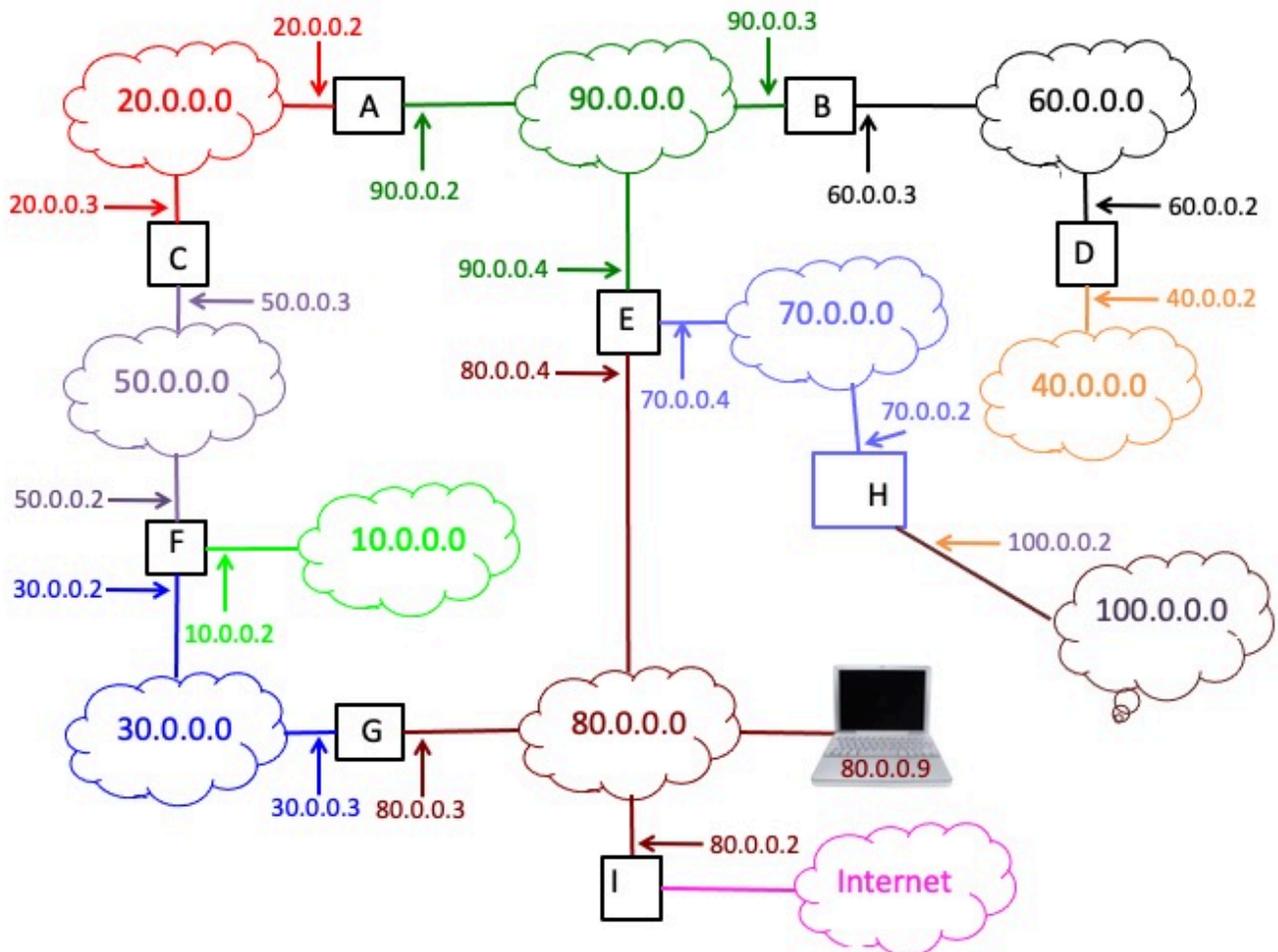
Fall 2021

This assignment is due by 11:59 PM on Friday October 08, 2021

**The answer to these questions must be entered on Blackboard in:
Homework 4 (Numerical Questions)**

- Come up with the routing tables for all the routers: A, B, C, D, E, F, G and H. Host 80.0.0.9 must receive his packets only from router E. All other traffic to network 80.0.0.0 may arrive from other routers. Router I is the router used to access the Internet.

Your routing tables must use the shortest possible route.



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The answer to these questions must be entered on Blackboard in:

Homework 4 (Essay Questions)

Please submit this portion of the homework assignment as a single typed Microsoft Word file. No other forms of submission will be accepted.

1. Explain fragmentation as it relates to IP datagrams. Why is it necessary? Where does it occur? When and where are the fragments reassembled? Give examples and be as specific as possible.