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Assignment 5

Due Nov 30 at 10:59am Points 15 Questions 15 Time Limit None

Instructions

While working on this assignment, you certify that you have neither given help to nor received help from any other person.

Attempt History

	Attempt	Time	Score
LATEST		10,541 minutes	11.96 out of 15

Score for this quiz: **11.96** out of 15 Submitted Dec 14 at 6:59pm This attempt took 10,541 minutes.

Question 1 1 / 1 pts Consider a router that interconnects three subnets: Subnet 1, Subnet 2, and Subnet 3. Suppose all of the interfaces in each of these three subnets are required to have the prefix 223.1.17/24. The network address (of the form a.b.c.d/x) of Subnet 3 that supports at least 12 interfaces is given by: 223.1.17.0/26 223.1.17.0/24 223.1.17.192/28 223.1.17.128/25

What is the dotted decimal address equivalent of the 32-bit binary IP address:
11011111 00000001 00000011 00011100

Write the address in the form a.b.c.d

223.1.3.28

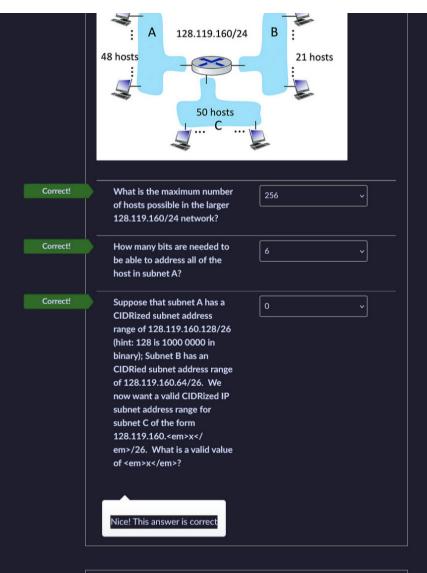
Answer 1:
223.1.3.28

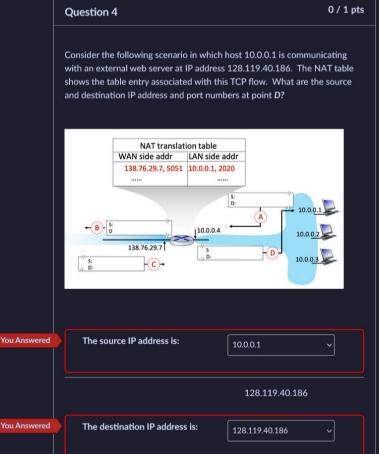
Question 3 1 / 1 pts Consider the three subnets below, each in the larger 128.119.160/24 network. The following questions are concerned with subnet addressing. Answer each question by selecting a matching answer. Each answer can be used to answer only one question.

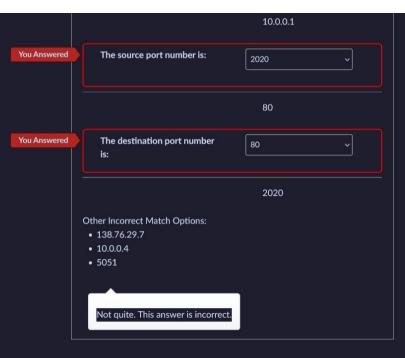
Submission Details:

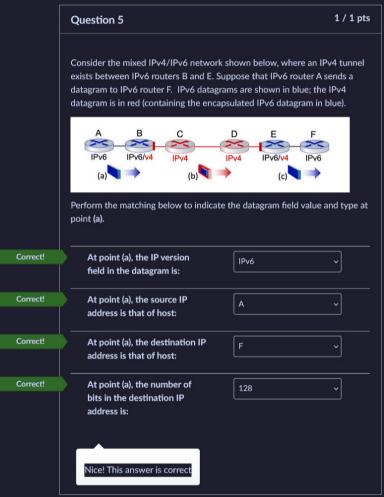
Time:	10,541 minutes	
Current Score:	11.96 out of 15	
Kept Score:	11.96 out of 15	

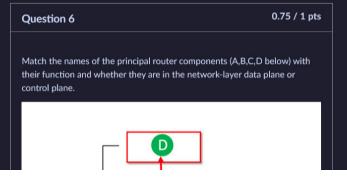


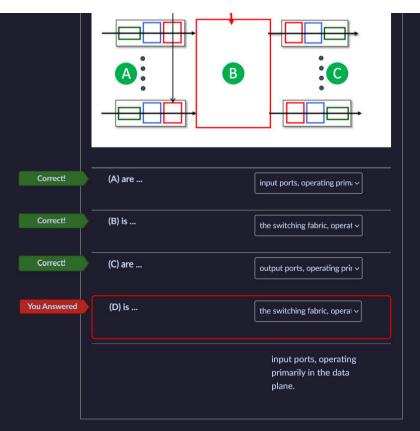


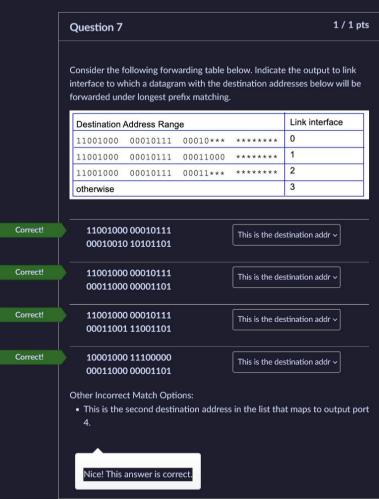




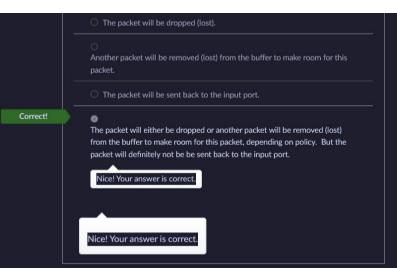


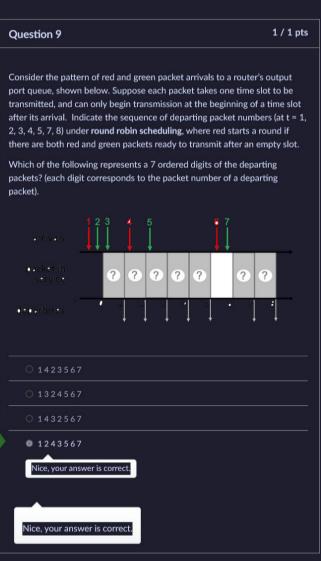


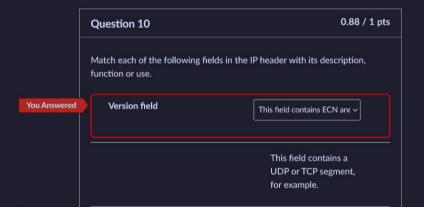


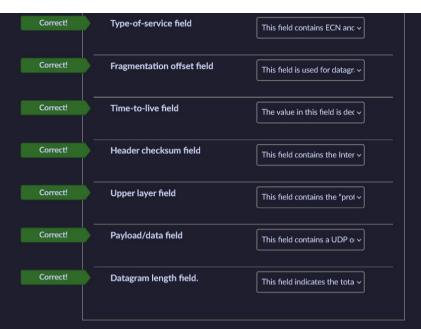


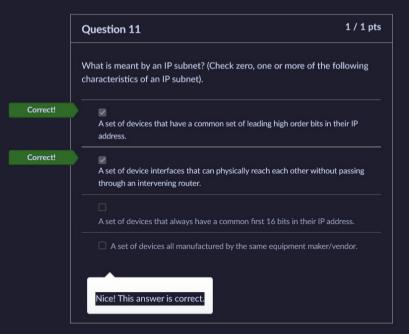
Question 8 1 / 1 pts Suppose a datagram is switched through the switching fabric and arrives to its appropriate output to find that there are no free buffers. In this case:

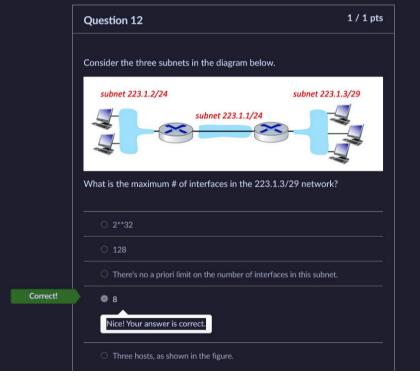




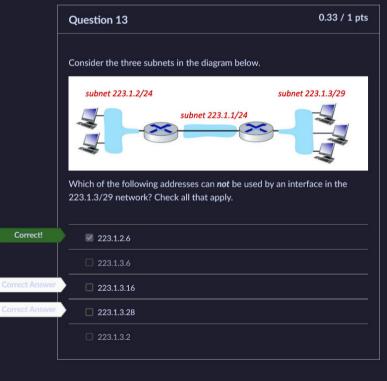


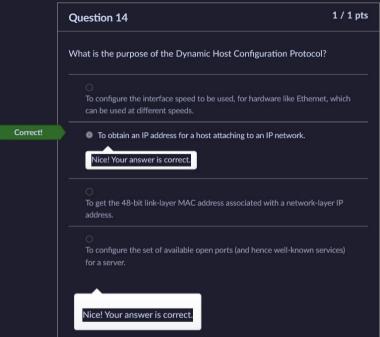


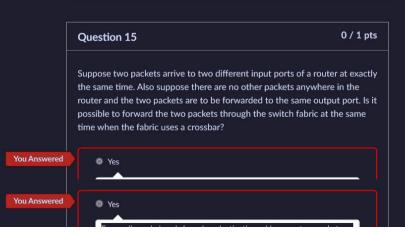




Nice! Your answer is correct.







Correct Answer	Forwarding rule is only based on destination address, so two packets going to the same destination cannot be forwarded at the same time.	
	Quiz Score: 11.96	out of 15
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