

1. Routing Paths and Subnets

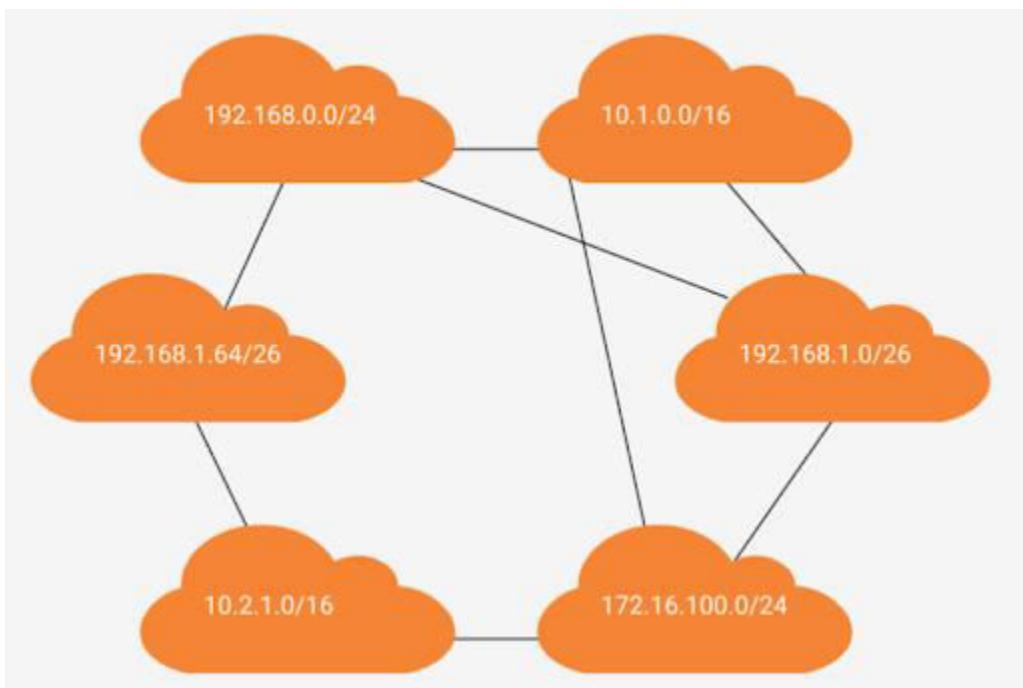
In this activity, for each pair of source and destination IP addresses, determine the correct source and destination networks and the shortest route between them.

Click each network in the right order. If the addresses are not represented by the networks available, click the “Source or Destination Not Present” button instead.

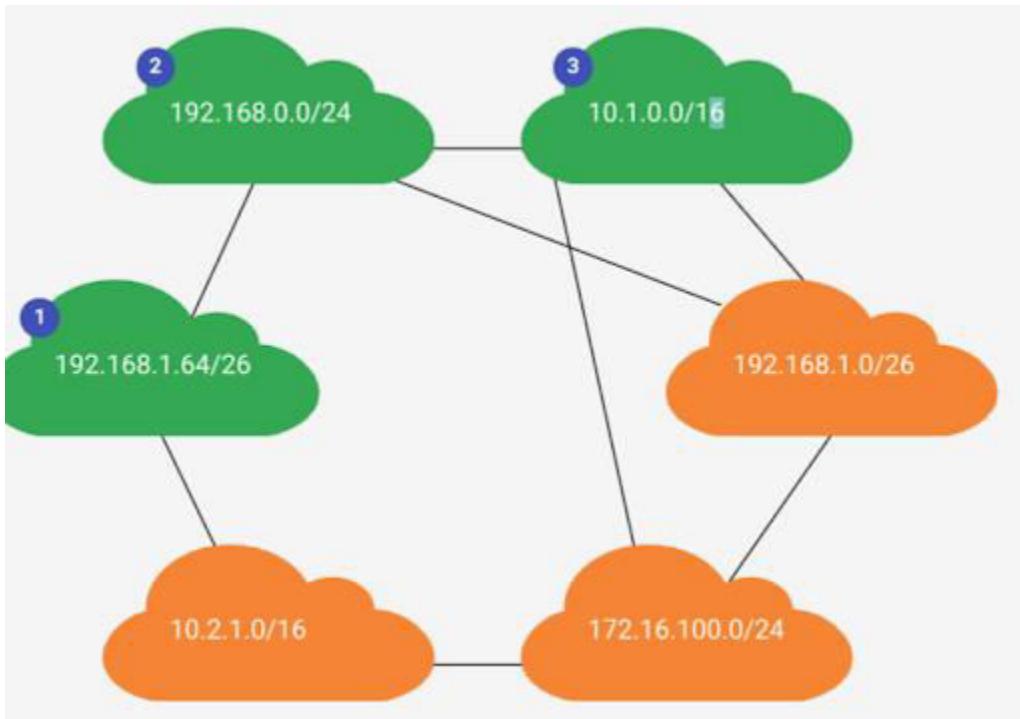
1. You will be presented with a pair of source and destination IP addresses, as shown in the table below.

Source	Destination
192.168.1.81	10.1.254.254

2. In this example, our source IP is: 192.168.1.81. Using our knowledge of Subnetting, we know that it is in the subnet 192.168.1.64/26. Our destination IP is 10.1.0.0/16. Using the same principals as with the source IP, we know that it is in subnet 10.1.0.0/16.



Click the clouds in the correct order from the network source to the destination network, following the flow diagram.



3. After you've selected the source and destination networks, click the "Check" button. Some of these address pairs may not be represented by the networks available. If that's the case, click the "Source or destination not present" button.

Source or Destination Not Present

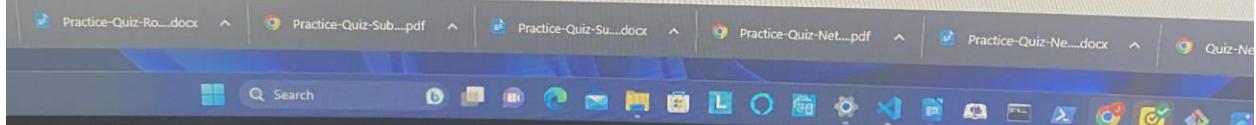
se to try the quiz again, make sure to click the “**Try Again**” button before continuing. If not, the plugin will allow you to submit your grade.

re done, make sure you have closed the fullscreen quiz and click the “**Submit Quiz**” button to earn a grade.

In this activity, for each pair of source and destination IP addresses, determine the correct source and destination networks and the shortest route between them.

Click each network in the right order. If the addresses are not represented by the networks available, click the “Source or Destination Not Present” button instead.

Source	Destination
172.16.100.1	10.2.1.1
Source or Destination Not Present	



ck Routing Paths and Subnets
Graded Quiz • 30 min

Question 1 of 8

Check < > C

Routing Paths and Subnets

Ungraded Quiz • 30 min

Correct source and destination networks and the shortest total path length

Click each network in the right order. If the addresses are not represented by the networks available, click the "Source or Destination Not Present" button instead.

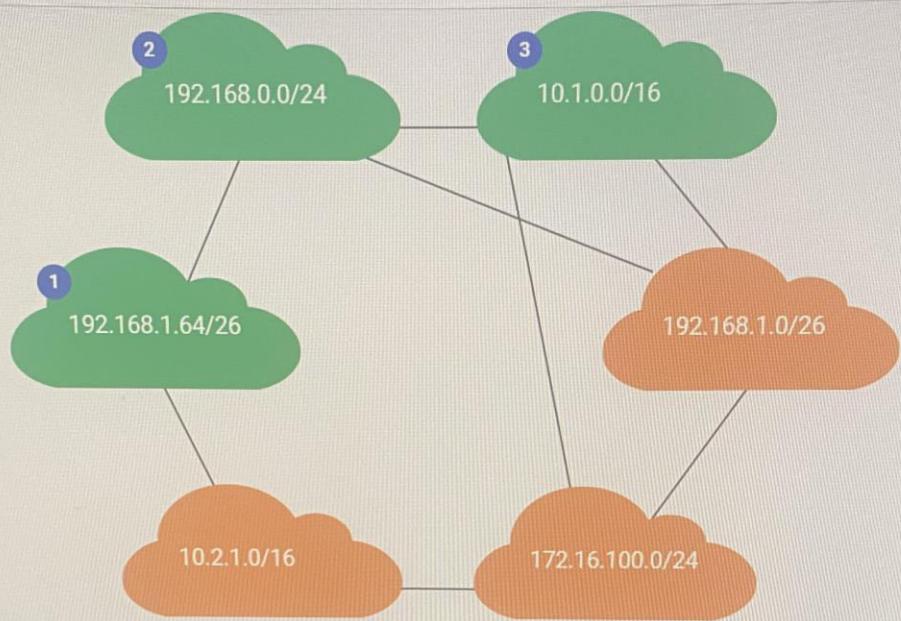
Source	Destination
192.168.1.81	10.1.254.254

Source or Destination Not Present



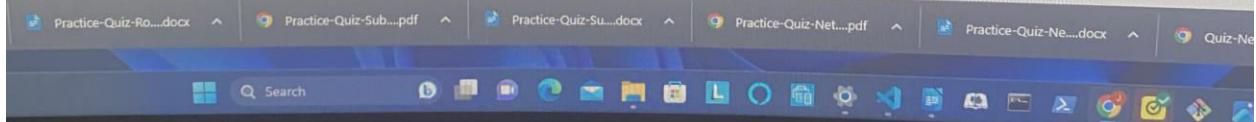
Paths and Subnets

Quiz • 30 min



Question 2 of 8

Check



iproute-networking/exam/7.vx10/routing-paths-and-subnets/view-all.html

Paths and Subnets

• 30 min

Source	Destination
192.168.1.254	10.1.1.254

Source or Destination Not Present

```
graph TD; C1[192.168.0.0/24] --- C3[192.168.1.64/26]; C1 --- C4[192.168.1.0/26]; C2[10.1.0.0/16] --- C4
```

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Practice-Quiz-Ne....docx

Search

File Explorer

Task View

File

PowerShell

Visual Studio

OneDrive

File History

Windows Update

System

Control Panel

File Explorer

File History

Windows Update

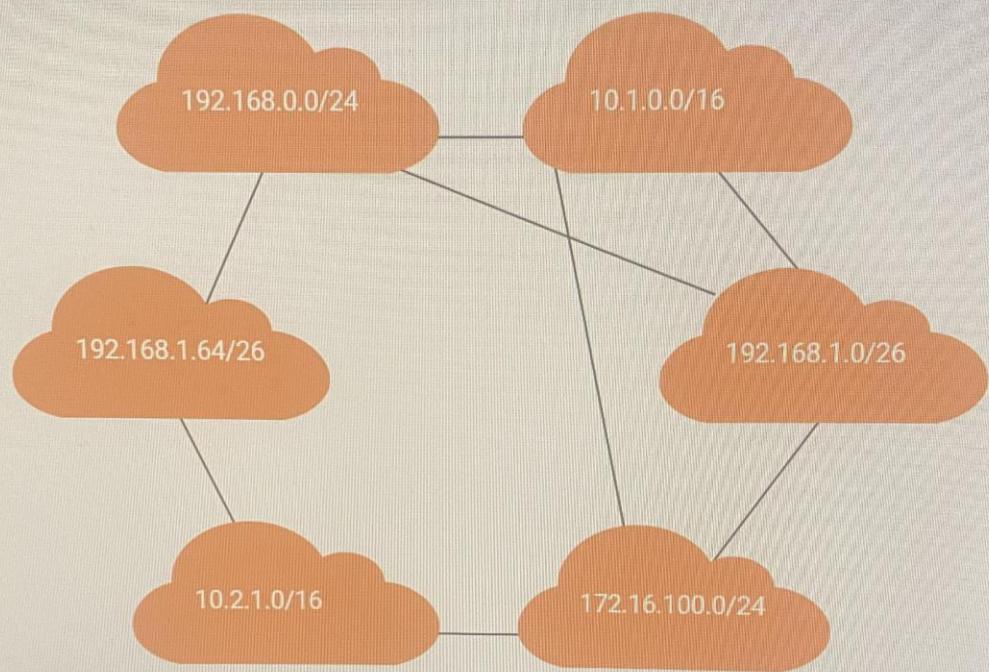
System

Control Panel

Subnets and Subnets

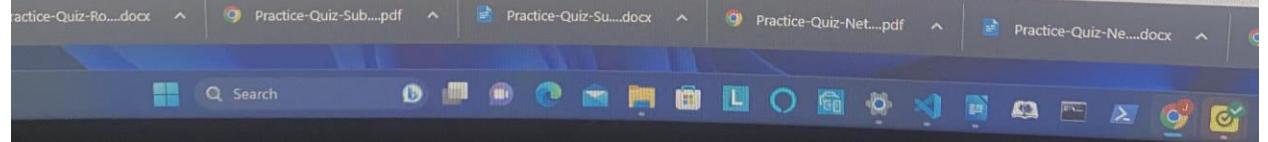
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Source or Destination Not Present



Question 3 of 8

Check



Subnets and Subnets

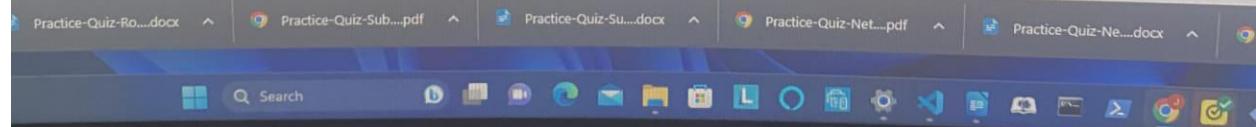
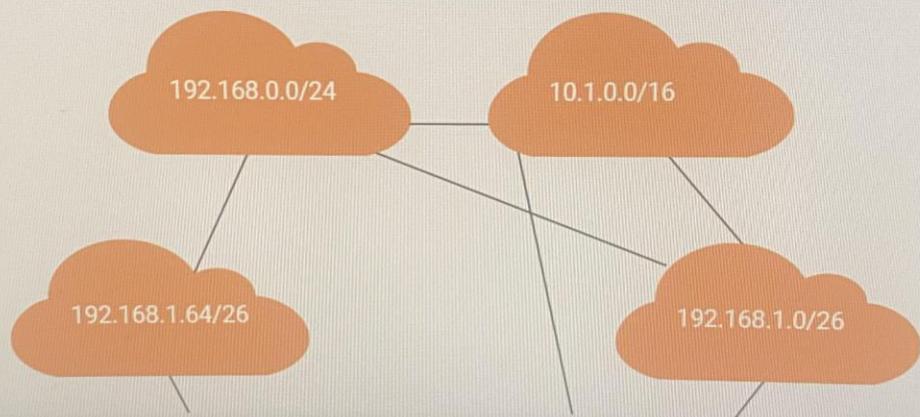
• 30 min

connect source and destination networks and the shortest route between them.

Click each network in the right order. If the addresses are not represented by the networks available, click the "Source or Destination Not Present" button instead.

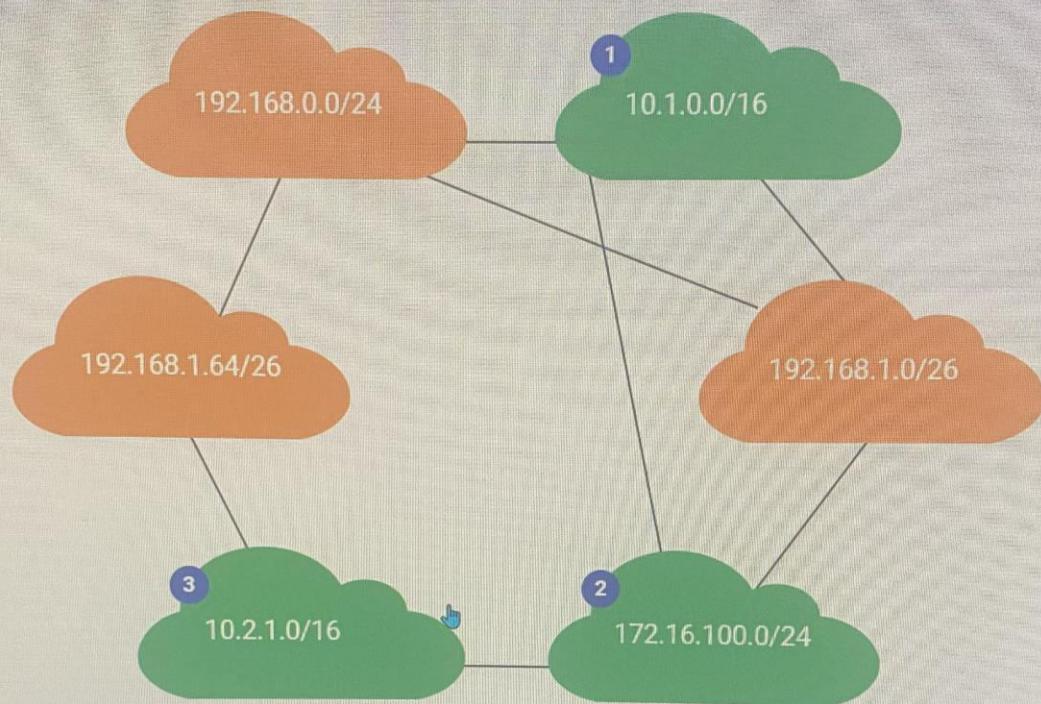
Source	Destination
10.1.240.240	10.2.240.240

Source or Destination Not Present



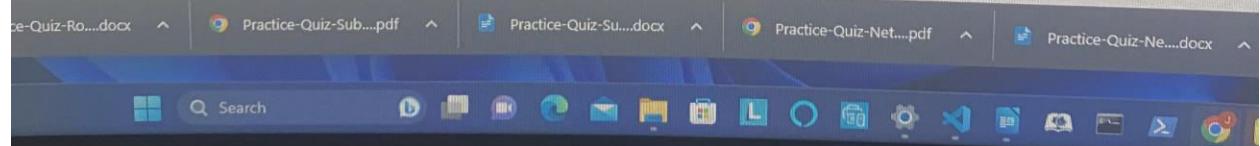
and Subnets

min



Question 4 of 8

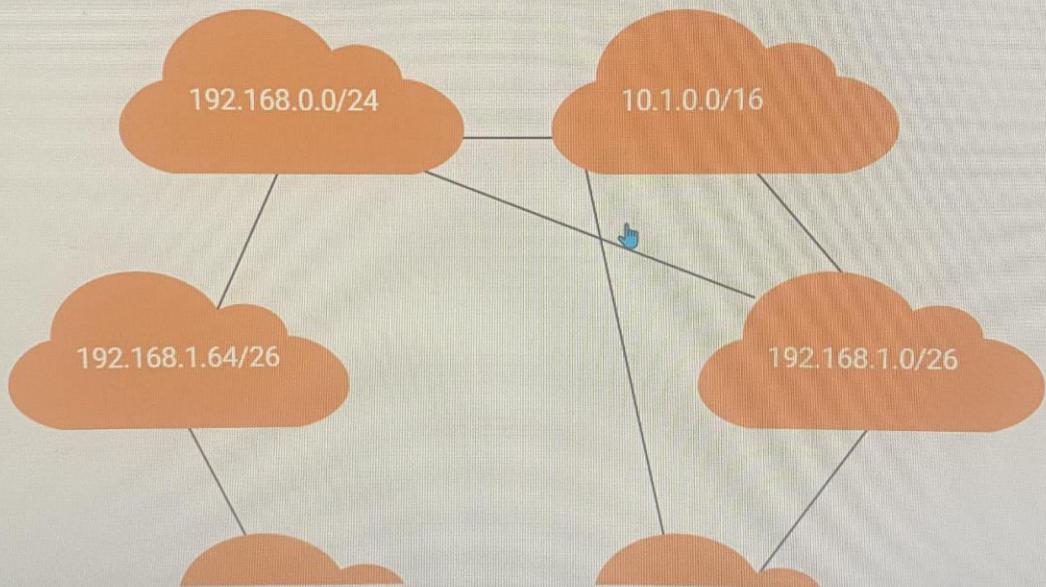
Check



Subnets

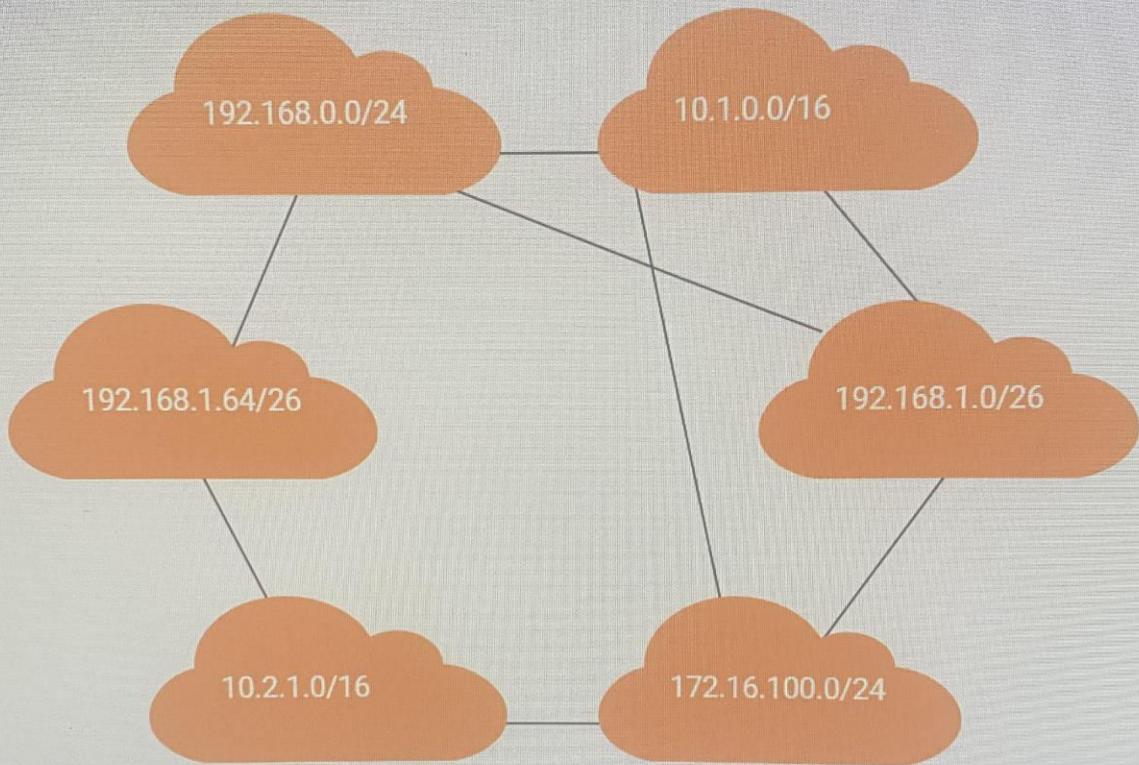
Source	Destination
10.3.1.32	10.1.32.1

Source or Destination Not Present



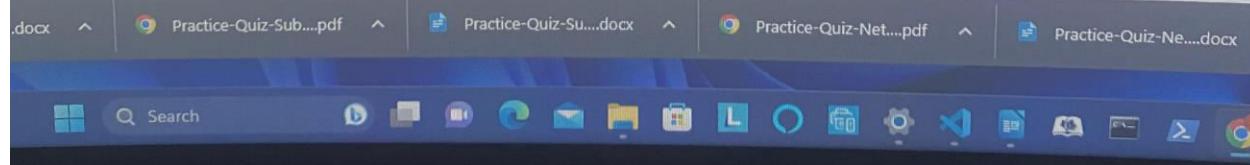
nets

Source or Destination Not Present



Question 5 of 8

Check



In this activity, for each pair of source and destination IP addresses, determine the correct source and destination networks and the shortest route between them. Click each network in the right order. If the addresses are not represented by the networks available, click the "Source or Destination Not Present" button instead.

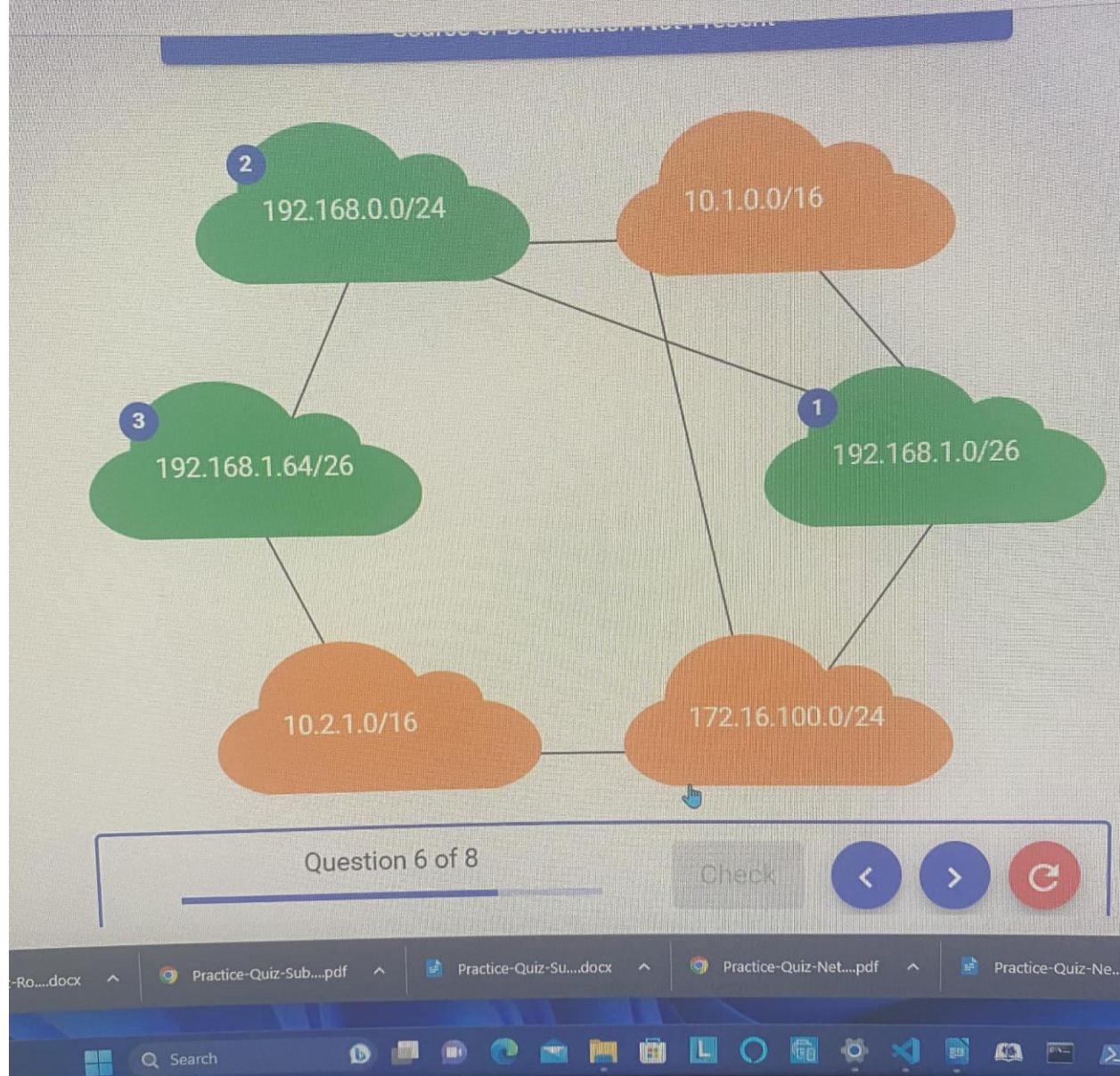
Source	Destination
192.168.1.1	192.168.1.65

Source or Destination Not Present

```
graph LR; A[192.168.0.0/24] --- B[10.1.0.0/16]; A --- C[192.168.1.64/26]; A --- D[192.168.1.0/26]; B --- C; B --- D;
```

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Subnets



lets

Source	Destination
192.168.0.73	10.2.100.1

Source or Destination Not Present

```
graph TD; A[192.168.0.0/24] --- B[192.168.1.64/26]; A --- C[10.1.0.0/16]; B --- D[192.168.1.0/26]; C --- D;
```

192.168.0.0/24

10.1.0.0/16

192.168.1.64/26

192.168.1.0/26

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Practice-Quiz-Net....pdf

Practice-Quiz-Ne....doc

Working/exam/7VxT8/routing-paths-and-subnets/view-attempt

Subnets

1 192.168.0.0/24

2 192.168.1.64/26

3 10.2.1.0/16

10.1.0.0/16

192.168.1.0/26

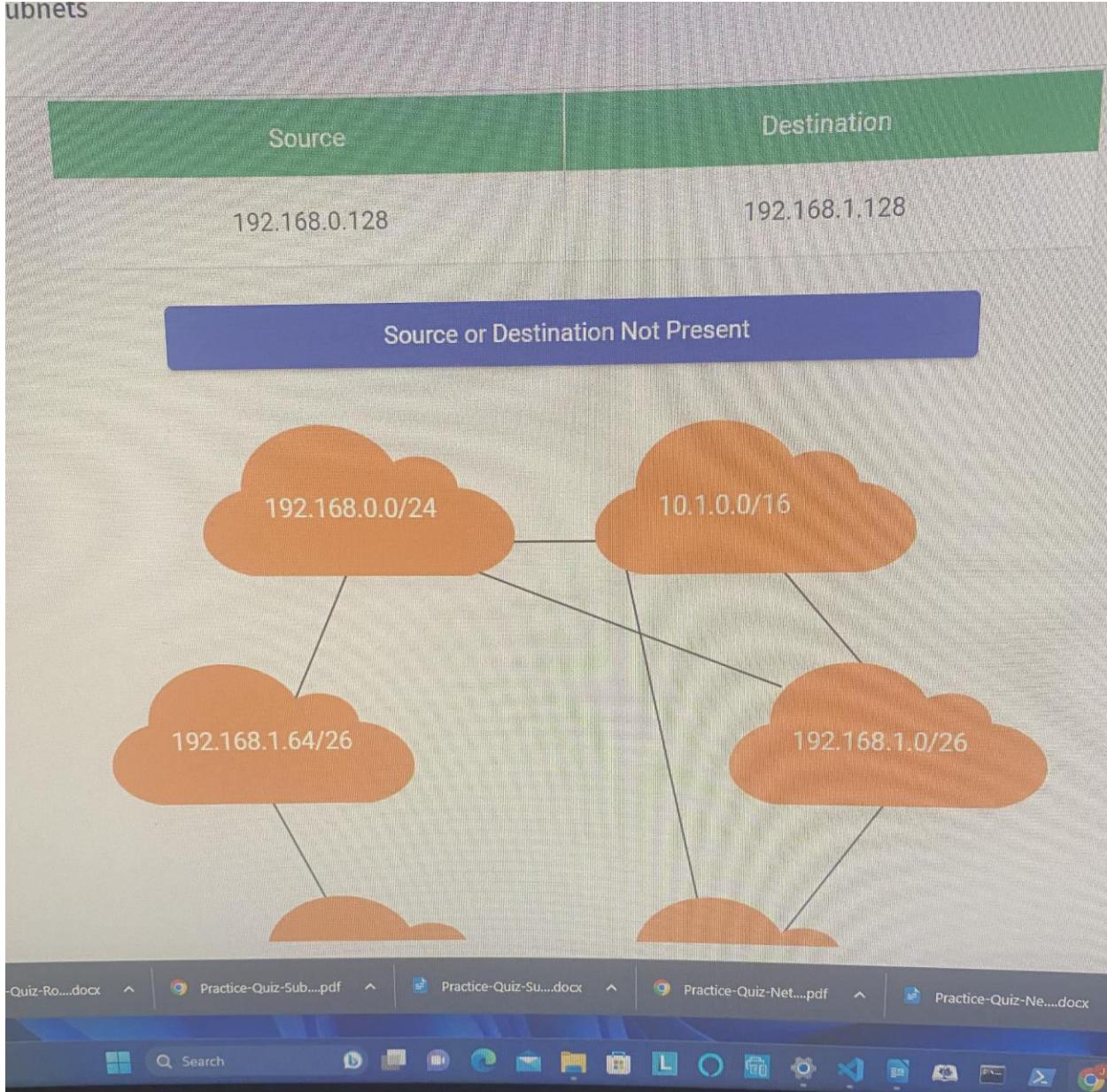
172.16.100.0/24

Question 7 of 8

Check < > C

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ubnets

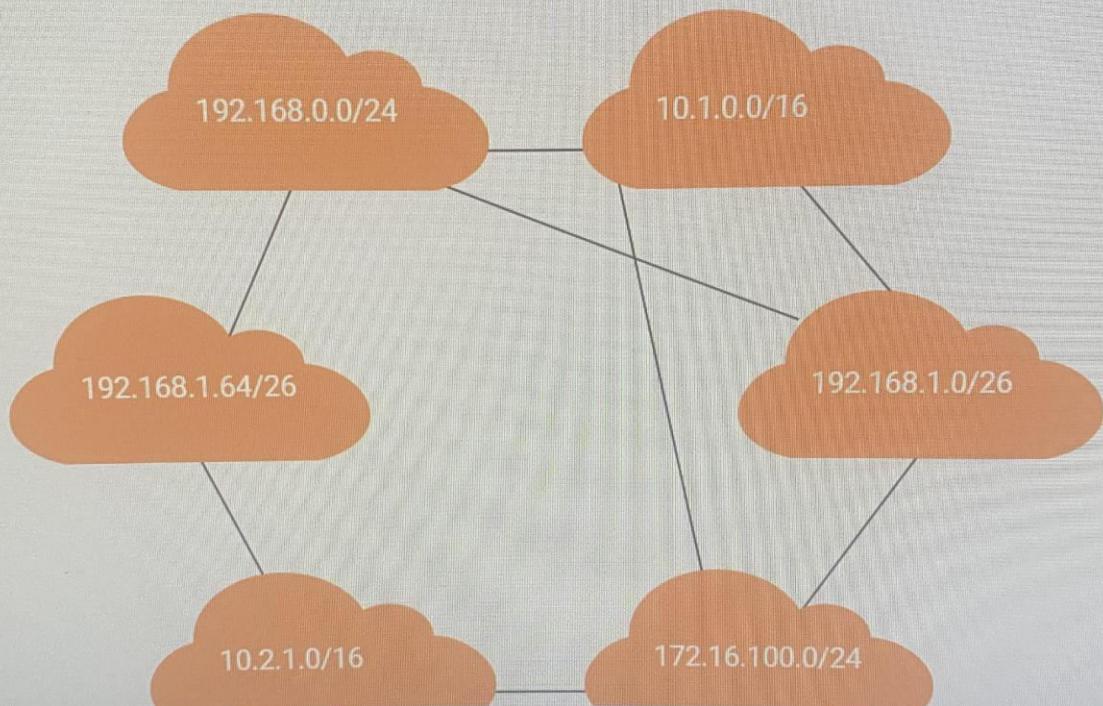


ibnets

Source or Destination Not Present

Congratulations, you have completed the activity!

Please submit the quiz.



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