642-883Q&As

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Deploying Cisco Service Provider Network Routing

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QUESTION 1

A network engineer implements IS-IS authentication in a router. When the engineer implements the same password on the router\\'s peer, the output below is displayed with the debug IS-IS authentication information:

* Nov 6 13:23:46:967: ISIS-Authinfo: No auth TLV found in received packet

Which option is one reason for this output?

A. Authentication was not configured on the router that sent the update.

B. The length of the password is not the same.

C. There is an error with the NET address in one of the routers.

D. The authentication is set the same way, but the password does not match.

Correct Answer: A

QUESTION 2

Refer to the route policies exhibit.


```
route-policy one
end-policy
!
route-policy two
pass
end-policy
!
route-policy three
drop
end-policy
!
route-policy four
set weight 100
end-policy
!
route-policy five
pass
drop
pass
end-policy
!
```

Which five route policies will cause the routes to be dropped or passed? (Choose five)

A. route-policy one will cause the routes to be dropped.

B. route-policy two will cause the routes to be dropped.

C. route-policy three will cause the routes to be dropped.

D. route-policy four will cause the routes to be dropped.

E. route-policy five will cause the routes to be dropped.

F. route-policy one will cause the routes to be passed.

G. route-policy two will cause the routes to be passed.

H. route-policy three will cause the routes to be passed.

I. route-policy four will cause the routes to be passed.

J. route-policy five will cause the routes to be passed.

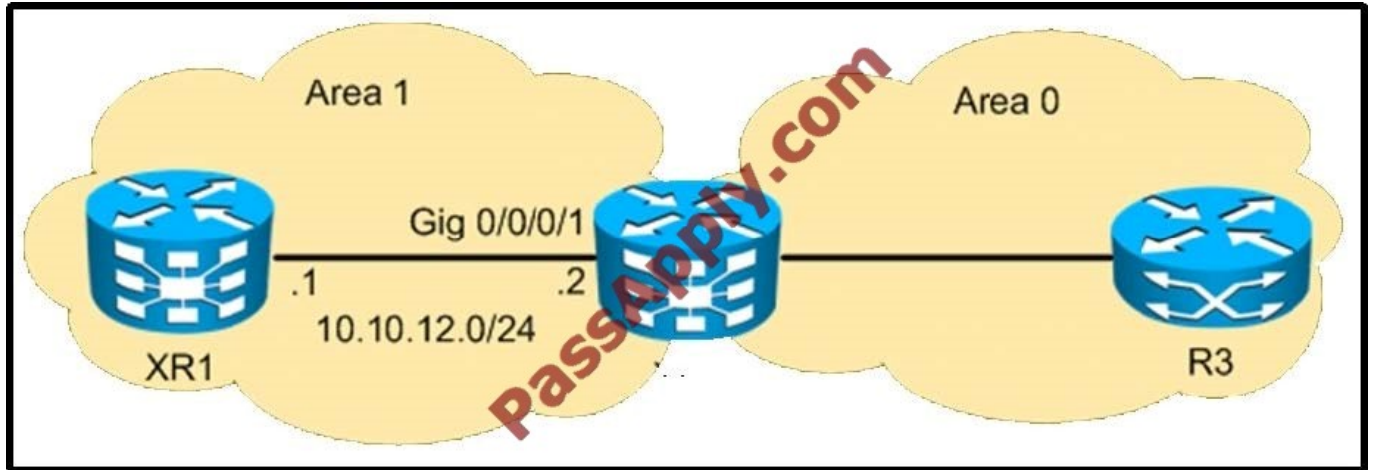Correct Answer: ACEGI

QUESTION 3

A network engineer wants to test a path between any two points in the network for multicast traffic to identify congestion points in the network. Which command in a Cisco IOS XE router shows multicast traffic drops?

A. mstat

B. mtrace

C. mrinfo

D. ping

Correct Answer: A

QUESTION 4

Refer to the exhibit.

Assume that XR2 and R3 have been configured correctly for OSPF area 0. Which command is needed to configure XR2 as an ABR between area 0 and area 1?

A. router ospf 1address-family ipv4interface GigabitEthernet0/0/0/1area 1

B. router ospf 1area 1interface GigabitEthernet0/0/0/1

C. router ospf 1area 1network 10.10.12.0 0.0.0.255

D. router ospf 1interface GigabitEthernet0/0/0/1area 1
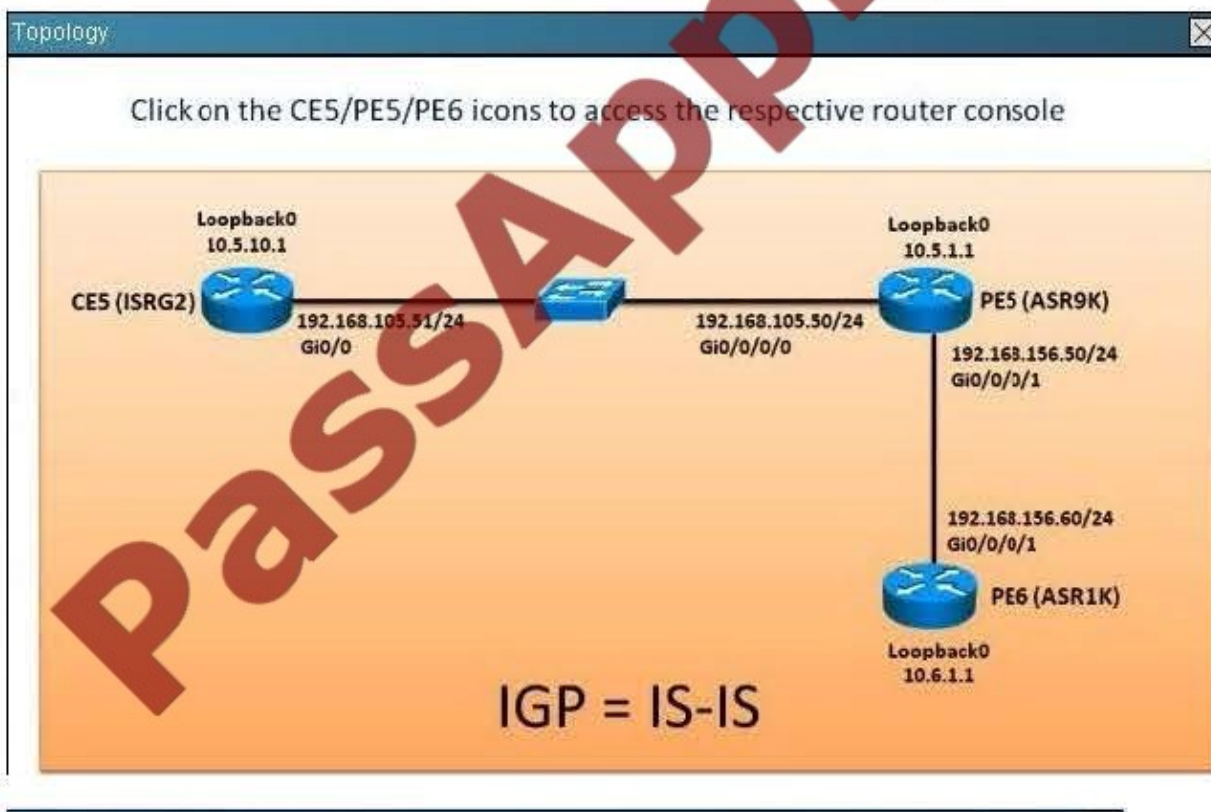
Correct Answer: B

QUESTION 5

Instructions

- Enter the proper CLI commands and analysis the outputs on the Cisco routers to answer the multiple-choice questions.
- From the network topology diagram, click on each of the router icon to gain access to the console of each router.
- No console or enable passwords are required.
- There are four multiple-choice questions with this task. Be sure to answer all four questions before selecting the Next button.
- Not all the CLI commands or commands options are supported or required for this simulation.
- For example, the show running-config and the ping commands are NOT supported in this simulation.
- All the devices in this simulation have been pre-configured and you are not required to enter in any configurations.

Scenario

Referring to the network topology diagram shown in the exhibit, use the proper CLI commands on the CE5, PE5 and PE6 routers
and interpret the supported CLI commands outputs to answer the four multiple choice questions.

Note: The CE5 router is an IOS router, the PE5 router is an IOS-XR router, and the PE6 router is an IOS-XE router.

Topology

Click on the CE5/PE5/PE6 icons to access the respective router console

What is the configured IS-IS circuit-type between the CE5 and PE5 routers and between the PE5 and PE6 routers? (Choose two.)

A. Circuittype L1 between CE5 and PE5 4

B. Circuittype L1/L2 between CE5 and PE5

C. Circuittype L2 between CE5 and PE5

D. Circuittype L1 between PE5 and PE6

E. Circuittype L1/L2 between PE5 and PE6

F. Circuittype L2 between PE5 and PE6

Correct Answer: AF

#show clns neighbor

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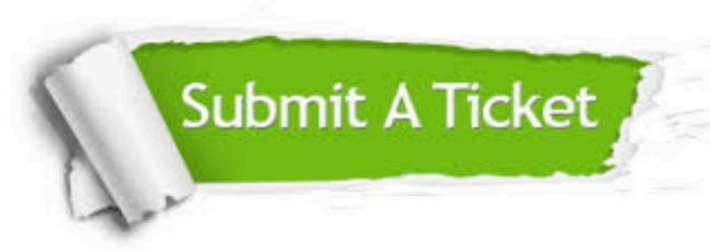
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