



642-883^{Q&As}

Deploying Cisco Service Provider Network Routing

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QUESTION 1

What is function of the RP/0/RSP0/CPU0:PE1(config-ospf)#distance Cisco IOS-XR command?

- A. To modify the administrative distance of the OSPF routes
- B. To modify the default seed metric of the OSPF external routes
- C. To modify the OSPF default reference bandwidth
- D. To modify the OSPF cost

Correct Answer: A

http://www.cisco.com/en/US/docs/ios_xr_sw/iosxr_r3.8/routing/command/reference/rr38ospf.pdf

distance (OSPF)

To define an administrative distance, use the **distance** command in the appropriate mode. To remove the **distance** command from the configuration file and restore the system to its default condition in which the software removes a distance definition, use the **no** form of this command.

```
distance weight [ip-address wildcard-mask [access-list-name]]
```

```
no distance weight ip-address wildcard-mask [access-list-name]
```

Syntax	Description
<i>weight</i>	Administrative distance. Range is 10 to 255. Used alone, the <i>weight</i> argument specifies a default administrative distance that the software uses when no other specification exists for a routing information source. Routes with a distance of 255 are not installed in the routing table. Table 1 lists the default administrative distances.
<i>ip-address</i>	(Optional) IP address in four-part, dotted-decimal notation.
<i>wildcard-mask</i>	(Optional) Wildcard mask in four-part, dotted decimal format. A bit set to 1 in the <i>mask</i> argument instructs the software to ignore the corresponding bit in the address value.
<i>access-list-name</i>	(Optional) Name of an IP access list to be applied to incoming routing updates.



C:\Documents and Settings\user-nwz\Desktop\1.JPG

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

Which of the following is used by an IS-IS router to detect other IS-IS neighbor routers and to form adjacencies?

- A. ESH



- B. ISH
- C. IIH
- D. PSNP
- E. CSNP

Correct Answer: C

ISIS actually features three different hello types An ES Hello (ESH) is send by all End Systems, and all IS devices listen for this Hello An IS Hello (ISH) announces the presence of an IS - An IS Hello is sent by all IS devices, and End Systems listen for these hellos Finally, an IS-to-IS Hello (IIH) is used by an IS to discover other ISes and to form adjacencies with them A router will send an IIH to another router on the link to form or maintain an adjacency, but it will still send an ISH as well in case there are end systems located on that segment

QUESTION 4

Which value must be configured when redistributing OSPFv2 into RIP?

- A. metric
- B. bandwidth
- C. delay
- D. MTU
- E. reliability

Correct Answer: A

QUESTION 5

Which of the following is a characteristic of dual-multihomed connectivity between an enterprise network and the service provider network or networks?

- A. An enterprise network that is connected to two or more different service providers with two or more links per service provider and using BGP to exchange routing updates with the service providers.
- B. Each service provider announces a default route on each of the links that connect to the customer with a different metric.
- C. An enterprise network announces a default route to each service provider.
- D. Load balancing can be achieved using the maximum-paths command.

Correct Answer: A



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