200-105^{Q&As}

Interconnecting Cisco Networking Devices Part 2 (ICND2)

Pass Cisco 200-105 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.passapply.com/200-105.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco
Official Exam Center

⚙ **Instant Download** After Purchase

⚙ **100% Money Back** Guarantee

⚙ **365 Days** Free Update

⚙ **800,000+** Satisfied Customers

QUESTION 1

Which three statements about HSRP operation are true? (Choose three.)

A. HSRP supports only clear-text authentication.

B. The HSRP virtual IP address must be on a different subnet than the routers\' interfaces on the same LAN.

C. The HSRP default timers are 3 second hello interval and a 10 second dead interval.

D. The HSRP virtual IP address must be the same as one of the router\\'s interface addresses on the LAN.

E. The virtual IP address and virtual MAC address are active on the HSRP Master router.

F. HSRP supports up to 255 groups per interface, enabling an administrative form of load balancing.

Correct Answer: CEF

The virtual MAC address of HSRP version 1 is 0000.0C07.ACxx, where xx is the HSRP group number in hexadecimal based on the respective interface. For example, HSRP group 10 uses the HSRP virtual MAC address of 0000.0C07.AC0A.

HSRP version 2 uses a virtual MAC address of 0000.0C9F.FXXX (XXX:HSRP group in hexadecimal)

All routers in a HSRP group send hello packets. By default, the hello timer is set to 3 seconds and the dead interval is 10 seconds. The range for HSRP version 1 is from 0 to 255. The range is for HSRP version 2 is from 0 to 4095. The default

value is 0. For this question, it is assumed that Cisco is referring to HSRP version 1 as the other options are not correct.

QUESTION 2

Scenario

Refer to the topology. Your company has connected the routers R1, R2, and R3 with serial links. R2 and R3 are connected to the switches SW1 and SW2, respectively. SW1 and SW2 are also connected to the routers R4 and R5.

The EIGRP routing protocol is configured.

You are required to troubleshoot and resolve the EIGRP issues between the various routers. Use the appropriate show commands to troubleshoot the issues.

Instructions

Enter the IOS commands on the device to verify the network operations and to find the answers for the multiple-choice questions.

THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.

Click the device to gain access to the console of the device. No console or enable passwords are required.

To access the multiple-choice questions, click the numbered boxes on the left of the top panel.

There are four multiple-choice questions with this task. Be sure to answer all four questions before clicking the Next button.
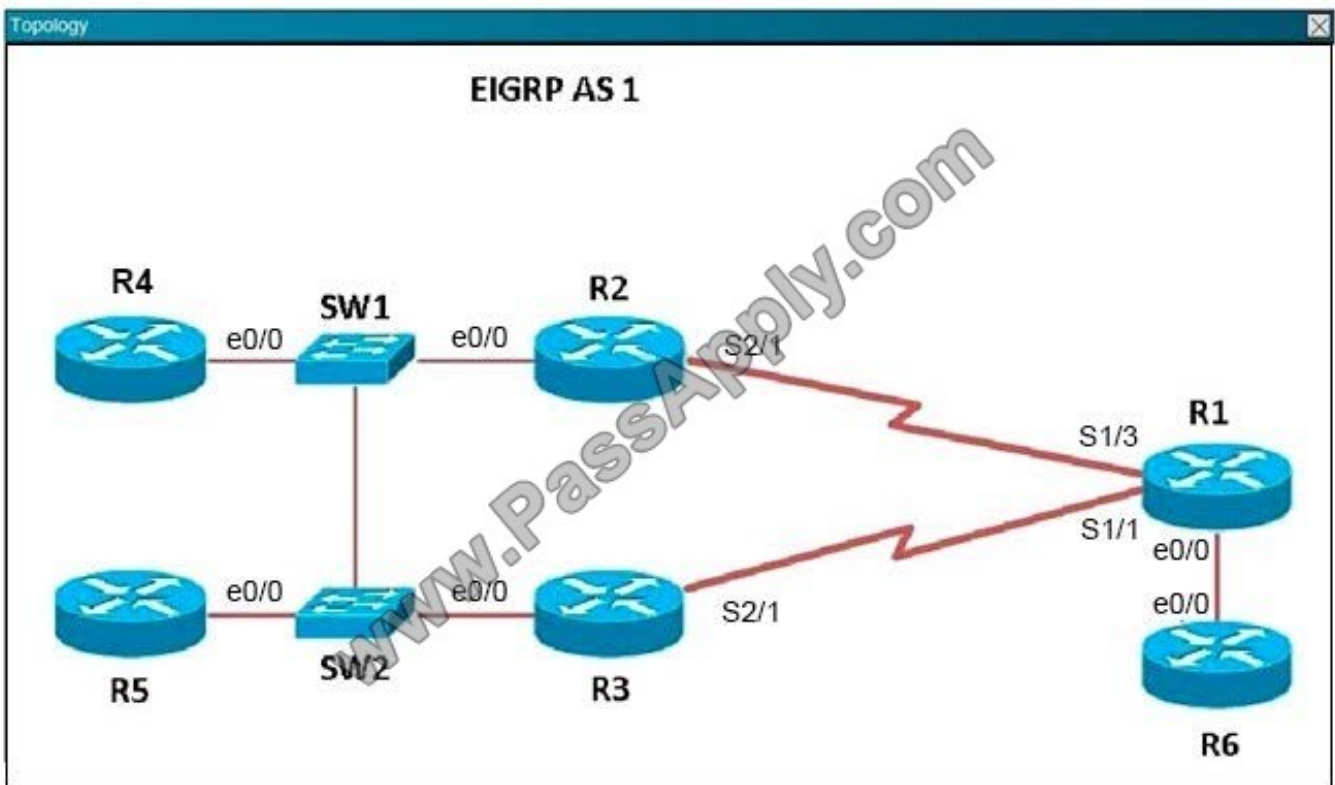
Which path does traffic take from R1 to R5?

A. The traffic goes through R2.

B. The traffic goes through R3.

C. The traffic is equally load-balanced over R2 and R3

D. The traffic is unequally load-balanced over R2 and R3.

Correct Answer: A

Using the "show ip int brief command" on R5 we can see the IP addresses assigned to this router. Then, using the "show ip route" command on R1 we can see that to reach 10.5.5.5 and 10.5.5.55 the preferred path is via Serial 1/3, which we see from the diagram is the link to R2.

```
R1
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B -
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS ]
       ia - IS-IS inter area, * - candidate default, U - per-user stat
       o - ODR, P - periodic downloaded static route, H - NHRP, l - LI
       + - replicated route, % - next hop override

Gateway of last resort is not set

      10.0.0.0/32 is subnetted, 5 subnets
C        10.1.1.1 is directly connected, Loopback0
D        10.2.2.2 [90/2297856] via 192.168.12.2, 00:37:12, Serial1/3
D        10.3.3.3 [90/2297856] via 192.168.13.3, 00:37:12, Serial1/1
D        10.5.5.5 [90/2323456] via 192.168.12.2, 00:37:12, Serial1/3
D        10.5.5.55 [90/2323456] via 192.168.12.2, 00:37:12, Serial1/3
      192.168.12.0/24 is variably subnetted, 2 subnets, 2 masks
C        192.168.12.0/24 is directly connected, Serial1/3
L        192.168.12.1/32 is directly connected, Serial1/3
      192.168.13.0/24 is variably subnetted, 2 subnets, 2 masks
C        192.168.13.0/24 is directly connected, Serial1/1
L        192.168.13.1/32 is directly connected, Serial1/1
      192.168.16.0/24 is variably subnetted, 2 subnets, 2 masks

R1#
```

```
R5
!
!
no ip http server
no ip http secure-server
!
!
!
!
control-plane
!
R5#show ip int brief
Interface              IP-Address      OK? Method Status                 Prot
ocol
Ethernet0/0            192.168.123.5   YES NVRAM  up                     up

Ethernet0/1            unassigned      YES NVRAM  administratively down  down

Ethernet0/2            unassigned      YES NVRAM  administratively down  down

Ethernet0/3            unassigned      YES NVRAM  administratively down  down

Loopback0             10.5.5.5         YES NVRAM  up                     up

Loopback1             10.5.5.55        YES NVRAM  up                     up

R5#
```

QUESTION 3

Refer to the exhibit.

```
R1# show access-lists
Extended IP access list 175
10 deny tcp any any time-range nonworkhours (active)
20 permit tcp any any time-range workhours (inactive)
```

While you troubleshoot a connectivity issue to a PC behind R1, you enter the show access-lists command to generate this output. Which reason for the problem is most likely true?

A. The permit all ACL entry on R1 is inactive.

B. The ACL of R1 is misconfigured.

C. A deny all ACL entry is currently active on R1.

D. An implicit deny is causing R1 to block network traffic.

Correct Answer: D

QUESTION 4

Which two tasks use OSPFv3 hello packets? (Choose two.)

A. Beginning neighbor discovery

B. Requesting topology changes

C. Sharing link-state databases

D. Acknowledging message receipt

E. Performing DR election

Correct Answer: AE

QUESTION 5

In GLBP, which router will respond to client ARP requests?

A. The active virtual gateway will reply with one of four possible virtual MAC addresses.

B. All GLBP member routers will reply in round-robin fashion.

C. The active virtual gateway will reply with its own hardware MAC address.

D. The GLBP member routers will reply with one of four possible burned in hardware addresses.

Correct Answer: A

QUESTION 6

Which two characteristics of a distance-vector routing protocol are true? (Choose two)

A. It may use the Dijkstra algorithm.

B. It has a complete picture of the network.

C. It has a higher CPU requirement than link-state protocols.

D. It sends periodic updates.

E. It may use the Bellman-Ford algorithm.

Correct Answer: DE

Reference: https://techdifferences.com/difference-between-distance-vector-routing-and-link-state-routing.html

QUESTION 7

Which programming language do you use to script interactions between Cisco devices and network controllers such as APIC-EM?

A. POSIX

B. Python

C. Java

D. C++

Correct Answer: B

QUESTION 8

How does using the service password-encryption command on a router provide additional security?

A. by encrypting all passwords passing through the router

B. by encrypting passwords in the plain text configuration file

C. by requiring entry of encrypted passwords for access to the device

D. by configuring an MD5 encrypted key to be used by routing protocols to validate routing exchanges

E. by automatically suggesting encrypted passwords for use in configuring the router

Correct Answer: B

QUESTION 9

What is the correct DSCP value used for voice traffic?

A. Expedited Forwarding (EF), 46, 101110

B. Assured Forwarding (AF) 31 011010

C. Assured Forwarding (AF) 36 100110

D. Expedited Forwarding (EF), 36, 101110

Correct Answer: A

QUESTION 10

In order to comply with new auditing standards, a security administrator must be able to correlate system security alert logs directly with the employee who triggers the alert.

Which of the following should the security administrator implement in order to meet this requirement?

A. Access control lists on file servers

B. Elimination of shared accounts

C. Group-based privileges for accounts

D. Periodic user account access reviews

Correct Answer: D

QUESTION 11

In a GLBP network, who is responsible for the arp request?

A. AVF

B. AVG

C. Active Router

D. Standby Router

Correct Answer: B

QUESTION 12

What is the advantage of using a multipoint interface instead of point-to-point subinterfaces when configuring a Frame Relay hub in a hub-and-spoke topology?

A. It avoids split-horizon issues with distance vector routing protocols.

B. IP addresses can be conserved if VLSM is not being used for subnetting.

C. A multipoint interface offers greater security compared to point-to-point subinterface configurations.

D. The multiple IP network addresses required for a multipoint interface provide greater addressing flexibility over point-to-point configurations.

Correct Answer: B

You do not have to assign a separate subnet per sub-interface. If you\\'re using a Class A network (10.x.x.x/8), you blow the whole network on a few connections (if you used VLSM, you could use a better mask, limit the addresses used). if you used 10.0.0.0/8, you would not be assigning the entire /8 to a single network. You would select a subnet mask for the network and then, you would have to use that mask with all subnets of the network. So if you chose a /24 mask, that would mean that you would have to use a /24 mask for even point-to-point links.

200-105 Practice Test   200-105 Study Guide   200-105 Exam Questions

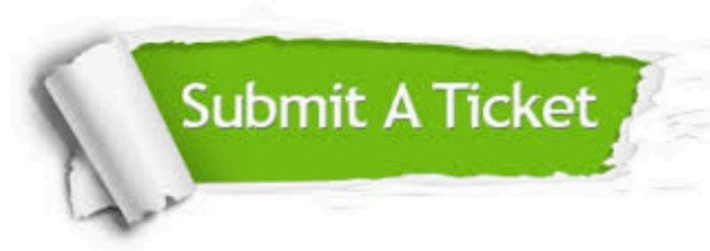To Read the Whole Q&As, please purchase the Complete Version from Our website.

Try our product !

100% Guaranteed Success
100% Money Back Guarantee
365 Days Free Update
Instant Download After Purchase
24x7 Customer Support
Average 99.9% Success Rate
More than 800,000 Satisfied Customers Worldwide
Multi-Platform capabilities - Windows, Mac, Android, iPhone, iPod, iPad, Kindle

We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:

https://www.passapply.com/allproducts

Need Help

Please provide as much detail as possible so we can best assist you.
To update a previously submitted ticket: