

CCIP Certification Interview Questions And Answers Guide.



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CCIP Certification Job Interview Preparation Guide.

Question # 1

Explain What condition must be met for the receiving PE router to install VPNv4 routes into a VRF?

- A. If at least one RD attached to the VPNv4 route matches at least one import RD configured in the VRF
- B. If at least one RT attached to the VPNv4 route matches at least one import RT configured in the VRF
- C. If at least one RD attached to the VPNv4 route matches at least one export RD configured in the VRF
- D. If at least one RT attached to the VPNv4 route matches at least one export RT configured in the VRF

Answer:-

B.If at least one RT attached to the VPNv4 route matches at least one import RT configured in the VRF

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Question # 2

Suppose A client has a network with wireless and wired users. The wired users run mission-critical bandwidth-sensitive applications. The wireless users access web-based support portals within the central office.

Given only this information, which Cisco NAC Appliance solution would provide the most fault-tolerant option for this client?

- A. one Cisco NAM and one in-band highly available Cisco NAS cluster
- B. one load-balanced highly available Cisco NAM cluster and one out-of-band highly available Cisco NAS cluster
- C. one highly available Cisco NAM cluster, one out-of-band highly available Cisco NAS cluster, and one in-band Cisco NAS
- D. one highly available Cisco NAM cluster and one in-band highly available Cisco NAS cluster

Answer:-

C.one highly available Cisco NAM cluster, one out-of-band highly available Cisco NAS cluster, and one in-band Cisco NAS

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Question # 3

When configuring the Cisco NAM to implement Cisco NAA requirement checking on client machines, what is the next step after configuring checks and rules?

- A. retrieve updates
- B. require the use of the Cisco NAA
- C. configure session timeout and traffic policies
- D. map rules to requirement
- E. configure requirements

Answer:-

E. configure requirements

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Question # 4

Explain Which default administrator group has delete permissions?

- A. admin
- B. help-desk
- C. add-edit
- D. full-control

Answer:-

D. full-control



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Question # 5

Suppose Based on the Boolean order of precedence, how would Cisco NAC Appliance evaluate the following rule?

AdAwareLogRecent&(NorAVProcessIsActive&AVProcessIsActive)

- A. (The Norton Antivirus is active and there is a recent Ad Aware log entry) or (the Symantec antivirus process is active).
- B. There is a recent Ad Aware log entry, the Norton Antivirus is active, and the Symantec antivirus process is active.
- C. (Either the Norton Antivirus or the Symantec antivirus process is active) and (there is a recent Ad Aware log entry).
- D. There is a recent Ad Aware log entry or the Norton Antivirus is active, or the Symantec antivirus process is active.

Answer:-

C.(Either the Norton Antivirus or the Symantec antivirus process is active) and (there is a recent Ad Aware log entry).

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Question # 6

Explain What is the result when the condition statement in a Cisco NAA check for required software evaluates to false on a client machine?

- A. The required software is automatically downloaded to the user device.
- B. The required software is made available after the user is quarantined.
- C. The user is put in the unauthenticated role and the software is considered missing.
- D. The user is placed in the temporary role and the software is made available.

Answer:-

B.The required software is made available after the user is quarantined.

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Question # 7

Suppose The NAS is configured to autogenerate an IP address pool of 30 subnets with a netmask of /30, beginning at address 192.168.10.0. Which IP address is leased to the end-user host on the second subnet?

- A. 192.168.10.4
- B. 192.168.10.5
- C. 192.168.10.6
- D. 192.168.10.7

Answer:-

C. 192.168.10.6

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Question # 8

Explain Which three statements about MPLS VPNs are true? (Choose three.)

- A. PE routers do not participate in customer routing.
- B. MPLS VPN is similar to using the peer-to-peer dedicated PE router approach.
- C. Customer can use overlapping addresses.
- D. Each customer is assigned an independent routing table (virtual routing and forwarding table VRF).
- E. The P Routers routing table contains both the global IP routes and the customer routes.
- F. CE routers connect directly to the service providers P routers.

Answer:-

B&C&D:MPLS VPN is similar to using the peer-to-peer dedicated PE router approach./Customer can use overlapping addresses./Each customer is assigned an independent routing table (virtual routing and forwarding table VRF).

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Question # 9

Suppose After you implement a network scan and view the report, you notice that a plug-in did not access any of its dependent plug-ins. What did you forget to do?

- A. enable the Dependent Plug-in check box on the General Tab form
- B. configure dependent plug-in support when you mapped the Nessus scan check to the Nessus plug-in rule
- C. install dependent plug-ins when you updated the Cisco NAC Appliance plug-in library
- D. load the dependent plug-ins for that plug-in in the Plug-in Updates form

Answer:-

C:In the SMS Administrator console, start Remote Assistance.

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Question # 10

Explain Which description is NOT a topology where a central services VPN would be used?

- A. A service provider offers services to all customers by allowing them access to a common VPN.
- B. Two or more companies want to exchange information by sharing a common set of servers.
- C. A security-conscious company separates its departments and allows them to access



only to common servers.

D. Several interconnected subsidiaries of a company require optimal communication between many sites.

Answer:-

D. Several interconnected subsidiaries of a company require optimal communication between many sites.

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Question # 11

Explain What is a benefit of CEF switching?

- A. CEF supports IP source prefix-based switching using the FIB.
- B. CEF uses less memory than fast switching uses.
- C. CEF is less CPU intensive than fast switching is.
- D. CEF provides Netflow statistics with minimum CPU overhead.
- E. CEF allows multiple data planes to share a common control plane.

Answer:-

C. CEF is less CPU intensive than fast switching is.

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Question # 12

Which three components comprise a Cisco NAC Appliance solution? (Choose three.)

- A. a NAC-enabled Cisco router
- B. a Linux server for in-band or out-of-band network admission control
- C. a Linux server for centralized management of network admission servers
- D. a Cisco router to provide VPN services
- E. a read-only client operating on an endpoint device
- F. a NAC-enabled Cisco switch

Answer:-

- B. a Linux server for in-band or out-of-band network admission control
- C. a Linux server for centralized management of network admission servers
- E. a read-only client operating on an endpoint device

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Question # 13

Explain What are the two types of traffic policies that apply to user roles? (Choose two.)

- A. IP-based
- B. peer-based
- C. host-based
- D. manager-based
- E. server-based
- F. VLAN-based

Answer:-

- A. IP-based
- C. host-based

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Question # 14

How to ensure that the Cisco NAS has the most recent version of the Cisco NAA to install on user devices?

- A. NAA to all Cisco Each time the Cisco NAA is upgraded, the Cisco NAM automatically downloads the new version of Cisco NAS servers.
- B. From the Cisco NAS Web Admin Console, enable Cisco NAA autoupdate on the Administration > Software Update form.
- C. The Cisco NAA is upgraded directly to each Cisco NAS using the Upgrade Server form available on the Cisco NAM web console GUI.
- D. Configure the Cisco NAS by selecting which Cisco NAA to upgrade in the Cisco NAA Upgrade form.

Answer:-

A. NAA to all Cisco Each time the Cisco NAA is upgraded, the Cisco NAM automatically downloads the new version of Cisco NAS servers.

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Question # 15

Explain Which three statements are correct regarding Layer 2 overlay VPNs and peer-to-peer VPNs?

- A. Peer-to-peer VPNs require the establishment of virtual circuits to connect the different customer sites together.
- B. Peer-to-peer VPNs require the service provider to participate in the customer routing, accepting customer routes, transporting them across the service provider backbone, and finally propagating them to other customer sites.
- C. With peer-to-peer VPNs, the service provider is responsible for transport of Layer 2 frames between customer sites, and the customer takes responsibility for all higher layers.
- D. The implementation of Layer 2 overlay VPNs is the traditional switched-WAN model, implemented with technologies like X.25, Frame Relay or ATM.
- E. With Layer 2 overlay VPNs, the service provider is not aware of customer routing and has no



information about customer routes.

F. It is simple to implement Layer 2 overlay VPNs because the Customer Edge (CE) router just needs a connection to the Service Providers Provider Edge (PE) router.

Answer:-

B: Peer-to-peer VPNs require the service provider to participate in the customer routing, accepting customer routes, transporting them across the service provider backbone, and finally propagating them to other customer sites.

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Question # 16

Explain What is a major drawback of using traditional IP routing over an ATM network when connecting multiple sites?

- A. Each ATM switch in the path has to perform Layer 3 routing lookup.
- B. ATM virtual circuits have to be established between the different sites.
- C. There is high ATM management overhead between the ATM switch and the router at each site.
- D. Each ATM switch has to be manually configured to participate in Layer 3 routing.
- E. There is high PNNI overhead.

Answer:-

B. ATM virtual circuits have to be established between the different sites.

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Question # 17

Explain What best describes the following configuration example of allowas-in? router bgp 100
address-family ipv4 vrf CustomerA neighbor 195.12.4.5 remote-as 123 neighbor 195.12.4.5
activate neighbor 195.12.4.5 allowas-in 2

- A. permits incoming BGP updates defined by access-list 2
- B. permits incoming BGP updates defined by class-map 2
- C. permit incoming BGP updates defined by route-map 2
- D. permits incoming BGP updates with no more than two occurrences of AS 100 in the AS path
- E. permits incoming BGP updates with no more than two occurrences of AS 123 in the AS path

Answer:-

D. permits incoming BGP updates with no more than two occurrences of AS 100 in the AS path

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