



642-874^{Q&As}

Designing Cisco Network Service Architectures

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QUESTION 1

DRAG DROP

Select and Place:

Drag the characteristic on the left to the corresponding RP model on the right.

Dynamic, utilizing link-local multicast messages which are flooded hop by hop	Static RP
Static, with fault tolerance utilizing with the Multicast Source Discovery Protocol	Auto-RP
Static, with no inherent failover or load balancing mechanism	Anycast RP
Dynamic, utilizing RP mapping agents with dense mode flooding	BSR

Correct Answer:

Drag the characteristic on the left to the corresponding RP model on the right.

	Static, with no inherent failover or load balancing mechanism
	Dynamic, utilizing RP mapping agents with dense mode flooding
	Static, with fault tolerance utilizing with the Multicast Source Discovery Protocol
	Dynamic, utilizing link-local multicast messages which are flooded hop by hop

QUESTION 2

Which of the following two statements about Cisco NSF and SSO are the most relevant to the network designer? (Choose two.)

- A. You can reduce outages to 1 to 3 seconds by using SSO in a Layer 2 environment or Cisco NSF with SSO in a Layer 3 environment.
- B. SSO and NSF each require the devices to either be graceful restart-capable or graceful restart- aware.
- C. In a fully redundant topology adding redundant supervisors with NSF and SSO may cause longer convergence times than single supervisors with tuned IGP timers
- D. The primary deployment scenario for Cisco NSF with SSO is in the Distribution and Core layers.
- E. Cisco NSF-aware neighbor relationships are independent of any tuned IGP timers



Correct Answer: AC

QUESTION 3

When considering the design of the E-Commerce topology which of the following are true?

- A. One-armed SLB design with multiple security contexts removes the need for a separate firewall in the core layer
- B. Two-firewall-layer SLB design considers the aggregation and access layers to be trusted zones, requiring no security between the web, application, and database zones
- C. One-armed SLB design with two firewall layers ensures that non load-balanced traffic still traverses the ACE so that the health and performance of the servers is still being monitored
- D. In all cases there will be configuration requirements for direct access to any servers or for nonload- balanced sessions initiated by the servers

Correct Answer: A

QUESTION 4

A network engineer is implementing virtualization into the enterprise network. Which system should be used to address policy enforcement at the distribution layer?

- A. Cisco IOS based firewall
- B. multilayer switches
- C. integrated firewall services
- D. identity services engine
- E. intrusion protection systems

Correct Answer: C

QUESTION 5

With respect to address summarization, which of the following statements concerning IPv4 and IPv6 is true?

- A. The potential size of the IPv6 address blocks suggests that address summarization favors IPv6 over IPv4.
- B. Role based addressing using wildcard masks to match multiple subnets is suitable for IPv4, but unsuitable for IPv6.
- C. In order to summarize, the number of subnets in the IPv4 address block should be a power of 2 while the number of subnets in the IPv6 address block should be a power of 64.
- D. WAN link addressing best supports summarization with a /126 subnet for IPv4 and a /31 for IPv6.

Correct Answer: B



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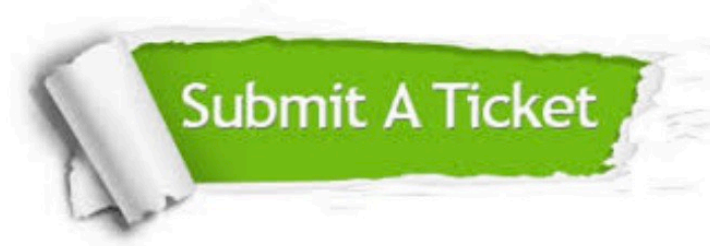
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