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Question 1

Question Type: MultipleChoice

A confidentiality and integrity and it must be open standard. The solution must encrypt Ethernet frames regardless of the upper layer protocol used. Which technology must be used to support these requirements?

Options:

- A) GRE
- B) MACsec
- C) IPsec
- D) OTV

The key to solution is "Ethernet frames". Frames are layer 2. IPsec encrypts at layer 3.

Answer:

B

Question 2

Question Type: MultipleChoice

A confidentiality and integrity and it must be open standard. The solution must encrypt Ethernet frames regardless of the upper layer protocol used. Which technology must be used to support these requirements?

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- A) GRE
- B) MACsec
- C) IPsec
- D) OTV

The key to solution is "Ethernet frames". Frames are layer 2. IPsec encrypts at layer 3.

Answer:

B

Question 3

Question Type: MultipleChoice

An engineer finishes the initial set up of a VXLAN EVPN network. The engineer is asked to plan for external connectivity that supports redundancy and extends multiple virtual routing and forwarding domains. The requirement is to use the same default gateway addressing across all leaf switches that belong to the VXLAN network.

Which two solutions must be used to meet these requirements? (Choose two.)

Options:

- A) Distributed Anycast Gateway
- B) VRF-Lite
- C) Inter-Site Network
- D) DC Interconnect
- E) Spanning Tree Protocol

Answer:

A, D

Question 4

Question Type: MultipleChoice

Refer to the exhibit.

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A high-availability setup for iSCSI is designed with the host running iSCSI multipath software. Each IP storage port on the MDS switch exports the same two Fibre Channel target ports with different iSCSI target names.

In this design, how many iSCSI sessions are created from the host so that recovery occurs if any component fails?

Options:

A) 2

B) 3

C) 4

D) 5

Answer:

C

Question 5

Question Type: MultipleChoice

A company runs mission-critical infrastructure in a single data center. Due to business growth, it plans to open more data centers in the coming years. A network engineer is asked to recommend a network technology for data center interconnection that allows scalability and seamless VM mobility while providing maximum security and fault isolation between data centers.

Which technology must be used to meet these requirements?

Options:

- A) TrustSec
- B) OTV
- C) CloudSec
- D) UDLD

Answer:

B

Question 6

Question Type: MultipleChoice

A network engineer designs a Cisco Nexus data center network for a client-server farm using a pair of Nexus 9000 Series Switches in a vPC setup. Each server connects with two interfaces to both Nexus switches. The Nexus switches must always initiate the negotiation with the server.

Which feature should be used in this design to ensure traffic is forwarded from the server to the data center network?

Options:

- A) PAgP mode desirable
- B) LACP mode auto
- C) LACP mode active
- D) PAgP mode auto

Answer:

C

Question 7

Question Type: MultipleChoice

An engineer is implementing management access to a Cisco Nexus platform. The customer requires a solution that provides isolation between the data and control planes, in addition to management that uses encryption and authentication. The customer will manage the device using both IPv4 and IPv6.

Which two components should be used to meet these requirements? (Choose two.)

Options:

- A) mgmt0 interface
- B) SSH protocol
- C) SNMP
- D) SVI interface
- E) Telnet protocol

Answer:

B, C

Question 8

Question Type: MultipleChoice

After experiencing traffic disruptions from the failure of a single router, a customer asks an engineer to design a solution that will prevent this from occurring in the future. While examining the customer's environment, the engineer discovers that the routers are manufactured by a variety of different vendors, and they have varying amounts of CPU and memory resources. Additionally, several of the customer's applications require the ability

to fine-tune the load-balancing parameters between multiple gateway routers.

Which solution should be used to meet these requirements?

Options:

- A) VRRP
- B) FHRP
- C) HSRP
- D) GLBP

Answer:

A

Question 9

Question Type: MultipleChoice

An engineer must connect an existing Cisco UCS Fabric Interconnect to an IP-based storage array. The connection must be a port channel made directly between the fabric interconnect expansion module and the storage array. The engineer must also consider that the environment is running FCoE for storage and uses QoS to prioritize traffic.

Which port type should be used to meet these requirements?

Options:

- A) network
- B) uplink
- C) server
- D) appliance

Answer:

B

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