Vendor: Cisco

Exam Code: 300-320

Exam Name: CCDP - Designing Cisco Network Service Architectures

Version: DEMO

QUESTION 1
Which security feature can help prevent spoofed packets on the network?

A. uRPF
B. ACLs
C. DAI
D. DHCP spoofing

Answer: A

QUESTION 2
Drag and Drop Question
Drag the rule on the left to match the appropriate activity on the right.

Overlapping	Maps a private IP address to a public IP address on a one-to-one basis.
Overloading	Maps a private IP address to a public IP address from a pool or group of public IP addresses.
Static NAT	A form of dynamic translation that maps multiple private IP addresses to a single public IP address by utilizing different ports.
Dynamic NAT	The IP address is already in use on another network. The router maintains a lookup table and intercepts and replaces the public IP addresses with unique IP addresses.

Answer:

Overlapping	Static NAT
Overloading	Dynamic NAT
Static NAT	Overloading
Dynamic NAT	Overlapping

QUESTION 3
A company requires redundancy for its multihomed BGP external connections. What two features can be configured on the WAN routers to automate failover for both outbound and inbound

traffic? (Choose two.)

A. AS path prepending
B. local preference
C. floating static route
D. HSRP
E. MED
F. weight

Answer: AD

QUESTION 4
A network design engineer has been asked to reduce the size of the SPT on an IS-IS broadcast network. Which option should the engineer recommend to accomplish this task?

A. Configure the links as point-to-multipoint.
B. Configure QoS in all links.
C. Configure a new NET address.
D. Configure the links as point-to-point.

Answer: D

QUESTION 5
An organization is designing the IP allocation of a new site. It currently has 12 separate IP segments. Each segment must be /24, accommodate 25% of growth, and be easily summarized. Which summarized IP block can be subnetted to meet these requirements?

A. /18
B. /19
C. /20
D. /21

Answer: C

QUESTION 6
What are the two methods of ensuring that the RPF check passes? (Choose two.)

A. implementing static mroutes
B. implementing OSPF routing protocol
C. implementing MBGP
D. disabling the interface of the router back to the multicast source
E. disabling BGP routing protocol

Answer: AC

QUESTION 7
A BGP network is having difficulty scaling with the full mesh peer requirement. What two iBGP alternates can scale BGP appropriately? (Choose two.)

A. communities
B. route reflectors
C. confederations
D. peer groups
E. peer templates

Answer: BC

QUESTION 8
A designer should have which three technologies in the network before configuring MPLS Layer 3 VPNs? (Choose three.)

A. MPLS
B. LDP
C. Cisco Express Forwarding
D. VSS
E. vPC
F. VRRP

Answer: ABC

QUESTION 9
When a Cisco ASA adaptive security appliance is configured for active/standby failover, which MAC address is used for the active unit?

A. the MAC address of the primary unit
B. the MAC address of the secondary unit
C. the virtual MAC address
D. the standby MAC address

Answer: A

QUESTION 10
Which statement about the ToR design model is true?

A. It can shorten cable runs and simplify rack connectivity.
B. Each ToR switch must be individually managed.
C. Multiple ToR switches can be interconnected to provide a loop-free spanning-tree infrastructure.
D. It can connect servers that are located in separate racks.

Answer: A

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