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Exam Code: 642-351
Storage Networking Design Specialist
(CSNDS)

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QUESTION 1

Which two design criteria require VLANs in a proposed solution? (Choose two)

- A. security between departments
- B. segmenting collision domains
- C. segmenting broadcast domains
- D. video steaming on the LAN
- E. limited budget of the corporation
- F. use of multivendor equipment

Answer: A, C

QUESTION 2

Which statement describes IPv6 address route summarization?

- A. IPv6 address have to converted to IPv4 address to be summarized
- B. Classless Inter Domain Routing (CIDR) for IPv6 automatically performs route summarization
- C. IPv6 addresses cannot use route summarization
- D. IPv6 address have built in route summarization based on Top Level Aggregators, Next Level Aggregators and Site Level Aggregators.
- E. The routers in the IPv6 network use proprietary protocols to optimize summarization based on the size of their routing tables.

Answer: D

QUESTION 3

A converged voice and data network is designed to carry voice calls on-net as close a possible to the destination to reduce long distance charges. What are two reasons that a VoIP call could go off earlier than designed? (Choose two)

- A. The local voice gateway detects lack of bandwidth.
- B. The destination routing is not configured on both local and remote gateways.
- C. The local call manager server is too busy to process the call.
- D. The telephone user dials access code.

Answer: A, D

QUESTION 4

A manufacturing company has decided to add a website to enhance sales. The web servers in the E-Commerce module must be accessible without compromising network security. Which two design recommendations can be made to meet their requirements? (Choose two)

- A. Use intrusion detection on the E-Commerce server farm
- B. Limit the number of incoming connections to the module
- C. Place E-Commerce servers and application servers on isolated LANs (DMZs)
- D. Move the E-Commerce servers to the WAN module to provide tight security.
- E. Use private and public key encryption

Answer: A, C

QUESTION 5

A global corporation has 2,000,000+ host and 10,000+ routers in their internal network. They also have connectivity to the Internet and do high volumes of traffic with their business partners and the public at large. They have decided to start using IPv6. Which statement best describes a flexible IPv6 strategy for this corporation?

- A. IPv6 hosts and IPv6 routers
- B. dual stack hosts and dual stack routers
- C. dual stack hosts and IPv4 routers
- D. IPv4 hosts and IPv6 routers

Answer: B

QUESTION 6

A network that is running Voice over Frame Relay (VoFR) is experiencing delay and delay variation due to serialization of packets of varying size. This condition is causing voice quality problems. Which solution can be added to the network at the sending end to reduce these problems?

- A. deinterleave buffers
- B. hardware digital signal processors
- C. link fragmentation and interleaving
- D. coding algorithm

Answer: C

QUESTION 7

An established network is experiencing DoS attacks against a specific server in E-Commerce module. The operating system on the server has been upgraded and patched and all unnecessary services have been tuned off, but the attacks are continuing. What action should be recommended to reduce these attacks?

- A. Block all UDP traffic to the affected server by using ACLs at the firewall.
- B. Add more servers running the same application as the affected server.
- C. Block all TCP traffic to the affected server by using ACLs at the firewall.
- D. Limit the connection rate to the affected server at the firewall.

Answer: D

QUESTION 8

Very large organizations have received their IPv6 address range from their Internet Service Provider and intend to only use IPv6 address internally. They will access the Internet through port address translation (PAT). What is required for their Domain Name Servers, DNS?

- A. They no longer need DNS servers
- B. Their DNS servers need to support both IPv4 and IPv6 addresses
- C. Their DNS servers need to support only IPv6 addresses
- D. Their DNS servers need to support only IPv4 addresses
- E. They need additional DNS servers in their network just for IPv6 addresses
- F. There are no changes required to their DNS servers

Answer: B

QUESTION 9

RST Corporation is planning to upgrade its current network. The chief technology officer (CTO) has supplied a topology diagram and an IP addressing scheme of the current network during an interview. The company has been growing at about twenty percent per year and it has been difficult to maintain customer support at a satisfactory level. The RST board has met and directed the CTO to look into network improvements.

Which two items are most relevant in documenting RST's business requirements?

- A. improved customer support
- B. existing network topologies
- C. IP addresses assigned by the ISP
- D. projected growth
- E. frequency of board meetings

Answer: A, D

QUESTION 10

In Cisco VoIP implementation what is used on a router to associate physical voice ports with phone numbers?

- A. automatically route selections
- B. translation patterns
- C. IP telephony
- D. dial peers

Answer: D

QUESTION 11

What is the default encapsulation for synchronous serial interfaces on Cisco routers?

- A. ATM
- B. HDLC
- C. PPTP
- D. Frame Relay
- E. GRE

Answer: B

QUESTION 12

How does Roles Based Access Control (RBAC) enhance manageability in an environment with VSANs?

- A. limit operator errors by isolating user management domains within a large physical infrastructure
- B. specifies port membership to a specific VSAN
- C. configures security options for host ports that are assigned to a VSAN
- D. configures VSAN membership for specific trunk ports

Answer: C

QUESTION 13

What is the impact of IPv6 on the BGP protocol?

- A. There is a new version of BGP for IPv6
- B. Host converts BGP to IS-IS for IPv6
- C. Host converts BGP to IS-IS for IPv6
- D. There is no change for BGP between Ipv4 and IPv6
- E. BGP cannot be used with IPv6

Answer: A

QUESTION 14

An enterprise needs to connect networks at high data rates. The networks are located in different buildings with a clear line-of-sight.

Which technology is a solution for this need?

- A. broadband fixed wireless
- B. cellular wireless
- C. wireless LAN
- D. Mobile IP
- E. ISDN

Answer: A

QUESTION 15

What is the benefit of using FCoE in a Cisco storage network?

- A. allows interoperability with other vendor features in a SAN fabric
- B. provides congestion control in a storage array efficiently managing buffers
- C. allows traffic to be switched between VSANs at a higher rate of speed
- D. can be used to manage congestion in a multi-hop environment

Answer: B

QUESTION 16

What is the impact of IPv6 on the OSPF protocol?

- A. Host converts OSPF to IS-IS for IPv6
- B. Host converts OSPF to IS-IS for IPv6
- C. There is no change for OSPF between Ipv4 and IPv6
- D. OSPF can not be used with IPv6
- E. There is a new version of OSPF for IPv6

Answer: E

QUESTION 17

Which two statements are characteristics of data link layer broadcasts? (Choose two)

- A. Broadcasts are not forwarded by routers.
- B. Broadcasts do not occur at Layer 3.

C.Broadcasts are restricted to port with active, end-user devices. D.Broadcasts can be controlled with the use of VLANs.

Answer: A, D

QUESTION 18

A government agency data center that is used for tax processing is located in an earthquake fault zone. A backup data center, located 300 km away, is linked to the main center over an OC-3 connection. Which of the following provides the best solution to extend the SAN for business continuance and for support of their IP applications?

- A.synchronous replication using FCIP
- B.iSCSI
- C.FCIP and asynchronous replication
- D.Dark fiber connectivity and use of synchronous replication over FC

Answer: A

QUESTION 19

What three subsystem characteristics should be considered when designing a storage backup solution? (Choose three)

- A.sustained tape write speed
- B.robotics-equipped tape array
- C.tape connectivity (i.e. SCSI bridge)
- D.tape library capacity
- E.tape subsystem mirrored cache size

Answer: A, B, E

QUESTION 20

Which command assigns an IP address to the management interface on a Catalyst 5000 switch?

- A.interfacetty
- B.ip address sc0
- C.set interface sc0
- D.set ip manage address

Answer: C
