Vendor: CISCO

Exam Code: 640-864

Exam Name: Designing for Cisco Internetwork Solutions Exam
QUESTION 1
Which one of these statements is true concerning the enterprise data center?

A. It can be located either at the enterprise campus or at a remote branch.
B. Remote data center connectivity requirements align with the small office design.
C. The data center designs will differ substantially depending on whether the location is on campus or remote.
D. A remote branch with a data center becomes the enterprise campus.

Answer: C

QUESTION 2
A global corporation has an internal network with the following characteristics:

- 2,000,000+ hosts
- 10,000 + routers
- Internal connectivity
- high traffic volumes with business partners and customers

Which statement best describes what a flexible IPv6 strategy would look like for this corporation?

A. Both hosts and routers would run dual stack
B. Hosts would run IPv4 and routers would run native IPv6
C. Hosts would run dual stack and routers would run IPv4 only
D. Hosts would run IPv6 and routers would run native IPv6

Answer: A

QUESTION 3
When designing the infrastructure protection portion for the enterprise edge, which of these solutions would be the most appropriate solution to consider?

A. 802. IX
B. ACLs in the core layer
C. Cisco Security MARS
D. AAA

Answer: D

QUESTION 4
A large enterprise requires sensitive information be transmitted over a public infrastructure. It requires confidentiality, integrity, and authenticity. Which security solution best meets these requirements?

A. Cisco IOS Firewall
B. Intrusion Prevention
C. IPSEC
D. AAA
E. Traffic Guard Protector
F. SECURE CONECTIVITY

Answer: C

QUESTION 5
For which network scenario is static routing most appropriate?

A. parallel WAN links
B. IPSec VPN
C. expanding networks
D. hierarchical routing

Answer: B

QUESTION 6
When designing the wireless portion of an enterprise campus network, which one of these statements should serve as a strict guideline?
A. Wireless controllers should be distributed throughout the building distribution layers
B. Dynamic controller redundancy, where the access points attempt to join the least loaded controller, is a best-practice approach.
C. Wireless controllers should be centralized in the core layer
D. To improve the RF coverage, the controllers of any building should be put in the same mobility group.

Answer: C

QUESTION 7
Which codec does Cisco recommend for WAN links?

A. G.711  
B. G.723  
C. G.728  
D. G.729

Answer: D

QUESTION 8
A Cisco Self-Defending Network has been installed, but DoS attacks are still being directed at e-commerce hosts. The connection rate at the Internet firewall was limited, but the problem persists. What more can be done?

A. Move the servers to the DMZ.  
B. Install all relevant operating system patches.  
C. Block the servers' TCP traffic at the Internet firewall.  
D. Block the servers' UDP traffic at the Internet firewall.

Answer: B

QUESTION 9
In a Cisco CatOS switch, what is the recommended practice when configuring switch-to-switch intercommunications to carry multiple VLANs for Dynamic Trunk Protocol?

A. auto to auto_negotiate
B. disable Dynamic Trunk Protocol when operating in the distribution layer
C. auto to auto_no_negotiate
D. desirable to desirable_no_negotiate
E. on to on_negotiate
F. desirable to desirable_negotiate

Answer: E

QUESTION 10
Which two statements best describe the implementation of Overlay VPN connectivity for remote access in the Enterprise Edge WAN module? (Choose two.)

A. Bandwidth is provisioned on a site-to-site basis.
B. It uses dedicated point-to-point links.
C. Optimum routing between customer sites requires a full mesh of virtual circuits.
D. It must use Layer 2 labels to forward packets
E. The ISP actively participates in customer routing.

Answer: AC

QUESTION 11
A very large organization has received its IPv6 address range from its Internet Service Provider and intends to use only IPv6 addresses internally. Employees will access the Internet using port address translation. What is a requirement for their DNS servers?

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

Answer: F

QUESTION 12
Lightweight access points are being deployed in remote locations where others are already operational. The new access points are in a separate IP subnet from the wireless controller. OTAP has not been enabled at any locations. Which two methods can the AP use to locate a wireless controller? (Choose two.)

A. NV-RAM IP address
B. master
C. primary, secondary, tertiary
D. DHCP
E. local subnet broadcast
F. DNS

Answer: DF

QUESTION 13
Which statement accurately describes one difference between a small office and medium office topology?

A. Medium offices commonly use integrated route and switching platforms.
B. Medium offices use integrated 10/100/1000 interfaces as Layer 2 trunks.
C. Medium offices use external access switches to support LAN connectivity.
D. Small offices commonly use Rapid PVST+ for Layer 3 deployments.

Answer: C

QUESTION 14
Which type of trunk is required in order to connect a fax machine to a PBX?
A. intra-office  
B. Foreign Exchange Office  
C. central office  
D. Foreign Exchange Station  
E. inter-office

**Answer:** D

**QUESTION 15**
A Cisco SONA architecture layer is described as follows:

The layer’s IT resources are interconnected across a converged network foundation.

The layer’s IT resources include servers, storage, and clients.

The layer represents how resources exist across the network.

The customer objective for the layer is to have anywhere/anytime connectivity.

Which Cisco SONA architecture layer is being described?

A. Application  
B. Integrated Transport  
C. Physical  
D. Networked Infrastructure  
E. Interactive Services

**Answer:** D

**QUESTION 16**
The Cisco Data Center Network Architecture comprises which two Cisco SONA layers? (Choose two.)
A. Collaboration Applications
B. WAN/Internet
C. Interactive Services
D. Network Infrastructure
E. Business Applications

**Answer:** CD

**QUESTION 17**
Which two statements best describe Cisco Wireless LAN Guest Access in a Cisco Unified Wireless Network? (Choose two.)

A. Dedicated guest VLANs are only extended to the wireless controllers in the network to ensure path isolation.
B. Guest tunnels have limitations on which wireless controllers can originate the tunnel.
C. Dedicated guest VLANs are extended throughout the network to the access points for path isolation.
D. Guest tunnels can originate and terminate on any wireless controller platform.
E. Guest tunnels have limitations on which wireless controllers can terminate the tunnel.
F. Dedicated guest access in the DMZ extends from the origination to the termination controllers without dedicated guest VLANs.

**Answer:** EF

**QUESTION 18**
Which statement represents a likely starting point for planning network changes?

A. Protocol assessment
B. Determining the design requirements
C. Determining the business needs
D. Determining the application requirements

**Answer:** D
QUESTION 19
Which IGP protocol is a common choice to EIGRP and OSPF as a routing protocol for large networks?

A. RIPv2  
B. IS-IS  
C. IGRP  
D. OSPFv2

Answer: B

QUESTION 20
What is the name of the organization that is in charge of creating the FCAPS architecture?

A. ISP  
B. IOS  
C. ITU-T  
D. IEEE

Answer: C