

Exam Code: 646-057

Exam Name: Access Routing and LAN Switching Routing
and Switching AM Exam

Vendor: CISCO

Version: DEMO

Part: A

1: What does the Catalyst 6500 Network Analysis Module (NAM) do? (Choose two.)

- A.gives real-time traffic analysis
- B.relays network host performance metrics
- C.provides full WAN performance monitoring
- D.provides application performance monitoring
- E.runs outside the switch on Cisco's nGenius Real Time Monitor Server

Correct Answers: A D

2: Why is IEEE 802.1q important to Cisco?

- A.It is the industry standard for end-to-end QoS.
- B.It allows Cisco IOS software to run on non-Cisco equipment.
- C.It extends Cisco QoS to non-Cisco equipment on a session basis.
- D.It allows Cisco QoS to interact seamlessly on non-Cisco equipment.

Correct Answers: D

3: VLANs are characterized by _____. (Choose two.)

- A.a Layer 2 foundation
- B.a Layer 3 foundation
- C.logical subsets of devices within a MAC-bridged LAN
- D.physical subsets of devices within a MAC-bridged LAN

Correct Answers: A D

4: Which Cisco product is the highest performance 1 RU router on the market?

- A.Cisco 7140
- B.Cisco 7202VXR
- C.Cisco 7304
- D.Cisco 7401

Correct Answers: D

5: Which campus network component can dynamically decide whether to route or switch incoming traffic based on data link and network addresses?

- A.router
- B.Layer 2 switch
- C.Layer 3 switch
- D.PXF processor

Correct Answers: C

6: What must a Catalyst 4006 have to support inline power required for IP telephones and wireless access points? (Choose three.)

- A.an RPS 300
- B.a commercial uninterruptible power supply (UPS)
- C.an external power shelf with at least two power supplies

- D.a Power Entry Module (PEM) in the existing power bay of the 4006
- E.the switching line card that supplies power to the phone or access points over category 5 cabling

Correct Answers: C D E

7: The Gigastack GBIC may be used to cascade up to _____ Catalyst 2950 and/or 3550 switches.

- A.6
- B.7
- C.8
- D.9

Correct Answers: D

8: Which statement about TACACS is true?

- A.TACACS is designed to prevent unauthorized switch throughput activity.
- B.TACACS is a security protocol that monitors network access to the Internet.
- C.TACACS is a VPN access protocol that secures a specific campus LAN segment.
- D.TACACS controls who can access a router in a privileged or non-privileged mode.

Correct Answers: D

9: In a large campus network, which are the most appropriate product choices for the distribution and the core?

- A.Catalyst 6500 for distribution; Catalyst 6500 or 8500 for the core
- B.Catalyst 3550 for distribution; Catalyst 6500 or 8500 for the core
- C.Catalyst 4000 for distribution; Catalyst 4000 or 6500 for the core
- D.Catalyst 2950 for distribution; Catalyst 3550 or 6500 for the core

Correct Answers: A

10: Which two are characteristics of Cisco switches with routing capabilities? (Choose two.)

- A.high WAN port density
- B.Layers 2 and 4-7 switching
- C.normally used at the network core
- D.high level of performance per port

Correct Answers: C D

11: In the Catalyst 6500, what provides support for analog voice devices and fax machines?

- A.FlexWAN Module
- B.24-port FXS Module
- C.VG200 Gateway Card
- D.Access Gateway Module

Correct Answers: B

12: Why are advanced QoS features often implemented on multiservice WAN links?

- A.to minimize delay and reduce jitter for voice traffic
- B.to eliminate jitter for high priority data applications
- C.to avoid packet fragmentation and prioritize large packet flows

D.to complement advanced security features implemented on the LAN

Correct Answers: A

13: What are two characteristics of Layer 3 switches not usually found in traditional routers?
(Choose two.)

- A.Packet forwarding function is done in hardware (ASICs).
- B.They provide high-speed switching and high interface density.
- C.They support a broad range of protocols for WAN aggregation.
- D.A variety of metrics stored in ASICs is used for path determination.

Correct Answers: A B

14: What is employed in stack configuration connections to insure against a single point of failure?

- A.GBIC spanners
- B.redundant GBICs
- C.a star configuration
- D.loopback connections

Correct Answers: D

15: Which Catalyst 6500 architecture is most appropriate for enterprise customers that require a lot of bandwidth?

- A.cache-based switching
- B.distributed cache-based switching
- C.distributed Cisco Express Forwarding-based switching
- D.centralized Cisco Express Forwarding-based switching

Correct Answers: D