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**Vendor:**Cisco

**Exam Code:**644-068

**Exam Name:**Cisco Advanced Routing and Switching  
Field Specialist

**Version:**Demo

### QUESTION 1

Which three of the following statements correctly describe Cisco Nexus 7000 switch family? (Choose three.)

- A. The Cisco Nexus 7000 series integrates data center Fibre Channel features and Ethernet switching features into a single operating system.
- B. NX-OS is a modular operating system based on FreeBSD.
- C. The Cisco Nexus 7000 series offers virtualization by Virtual Device Contexts.
- D. The Cisco Nexus 7000 series provides high availability using hitless forwarding, ISSU, and stateful process restart.
- E. The Cisco Nexus 7000 series offers support for Cisco IOS and NX-OS.?

Correct Answer: ACD

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### QUESTION 2

Which three of the following statements correctly describe Cisco Prime NAM? (Choose three.)

- A. Cisco Prime NAM platforms include WAAS virtual blade, Cisco NAM 2200 Series appliances, Cisco 6500 Series NAM blades, Cisco ISR G2 blades, and Cisco ISR G2 SRE.?
- B. Cisco Prime NAM includes application performance analytics and provides application-specific information like round-trip time, client response time, and server response time.
- C. The next-generation integrated service module for the Cisco Catalyst 6500 is Cisco Prime NAM-3. It supports up to 30 Gb/s traffic monitoring throughput.?
- D. Data sources to Cisco Prime NAM include SPAN, ERSPAN, RSPAN, and Cisco WAAS.?
- E. Cisco Prime NAM cannot collect data from Netflow and CEF

Correct Answer: ABD

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### QUESTION 3

Which two of the following need to be considered when designing QoS in a Cisco Borderless Network? (Choose two.)?

- A. In order to receive priority treatment for mission-critical traffic across the SP cloud, the higher number of locally used classes of service have to be mapped to the fewer number service classes that are usually offered by service providers.
- B. In order to maintain DSCP values end-to-end, inbound traffic from the SP cloud needs to be reclassified if it was sent through a tunnel.
- C. RFC 4594 describes how to classify and mark traffic at the campus and branch LAN using 12 different classifications.
- D. According to RFC 4594, voice and video traffic should be sent through two separate priority queues.

Correct Answer: AC

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#### QUESTION 4

Which three of the following statements correctly describe the Cisco router portfolio? (Choose three.)

- A. All Cisco ISR G2 routers provide network automation, consolidated VPN, and security features.
- B. The Cisco 800 and 1900 router series both offer entry-level application optimization features.
- C. The Cisco 1900, 2900, and 3900 router series provide video and collaboration features.
- D. The Cisco 2900 and 3900 router series support Cisco UCS Express.?
- E. The Cisco 1900 router series supports Cisco Unified Communications Manager Business Edition 6000.

Correct Answer: ABD

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#### QUESTION 5

Cisco MediaNet provides multimedia optimization services in a Cisco Borderless Network. Which two of the following statements correctly describe Cisco MediaNet? (Choose two.)?

- A. Cisco MediaNet Performance Monitor collects performance metrics of video traffic as flexible netflow records which can be processed by any netflow collector, such as Cisco Prime Assurance Manager.
- B. Cisco MediaNet supports only SNMP traps but not syslog messages.
- C. When using PVIDM3 on Cisco ISR G2, video streams of the same type can be locally mixed within the router. Video transcoding services require a dedicated video MCU.
- D. Cisco MediaNet Mediatrace allows real-time troubleshooting by providing details about every hop of the end-to-end path of your mediastream.

Correct Answer: AD

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#### QUESTION 6

Which two of the following statements correctly describe regional WAN branch profiles? (Choose two.)

- A. 3G, 4G, and satellite connections are commonly used as backup links in high-end branches.
- B. The standard branch typically uses MPLS as a primary link and any kind of Internet link (DSL, cable, etc.) for backup.
- C. HD video traffic is found in high-end and ultra high-end branches.
- D. WAAS Express is the preferred WAN optimization implementation in mobile and standard branches.

Correct Answer: BC

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### QUESTION 7

Which three of the following statements are correct regarding security features available on Cisco Catalyst switches? (Choose three.)

- A. Port security prevents MAC address flooding.
- B. DHCP snooping prevents rogue DHCP servers from being placed on the network.
- C. IP Source Guard prevents ARP spoofing attacks.
- D. Private VLAN prevents client to client communication.
- E. MACsec provides end-to-end encryption.

Correct Answer: ABD

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### QUESTION 8

Which of the following statements best describes the routing vendor landscape?

- A. Juniper Networks is the strongest competitor in the high-end and SOHO markets.
- B. AVM is one of the largest Cisco competitors in Germany.
- C. Most competitors have a similar architectural approach to Cisco.
- D. Larger competitors to Cisco include Juniper Networks, Riverbed, and Huawei.

Correct Answer: D

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### QUESTION 9

Which three of the following statements correctly describe the benefits of Cisco routers as an important part of the Cisco Borderless Network? (Choose three.)

- A. Cisco offers a number of scalable and easy-to-maintain VPN solutions, including GET VPN and DMVPN.
- B. Cisco router security features include MACsec, BPDU Guard, and host IPS functionality.
- C. Cisco offers performance-based routing, which adapts routing decisions based on the requirements of certain traffic flows.
- D. Cisco routers support zero-touch deployment for simple and fast deployment of new remote locations.
- E. MACsec is supported only on high-end routers.

Correct Answer: ACD

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### QUESTION 10

Which two of the following statements correctly describe service modules available for the 3560-X and 3750-X switches? (Choose two.)

- A. The C3KX-NM-10GT service module offers two 10 Gigabit Ethernet SFTP+ ports.
- B. The C3KX-NM-10G and the C3KX-NM-10GT service modules provide flexible netflow.
- C. The C3KX-SM-10G service module provides flexible netflow.
- D. The C3KX-SM-10G service module offers MACsec encryption at line rate.

Correct Answer: CD

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#### QUESTION 11

Which two of the following are correct descriptions of Next-Generation Enterprise WAN modules? (Choose two.)

- A. Regional WAN: This used to be called Internet Edge and provides distributed Internet access.
- B. Global CorE. This module interconnects multiple theater cores.
- C. Enterprise CorE. This module interconnects all other modules.
- D. In-Theater CorE. This module aggregates regional WANs.

Correct Answer: BD

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#### QUESTION 12

Which two of the following examples best describe the challenges that customers face in today's networks? (Choose two.)

- A. How do we control energy consumption of devices owned by employees?
- B. How can we support telepresence?
- C. How can we consolidate different datacenters?
- D. Which type of firewall should we deploy?

Correct Answer: BC

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