



# 644-068<sup>Q&As</sup>

Cisco Advanced Routing and Switching Field Specialist

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**QUESTION 1**

Which three of the following statements correctly describe switching? (Choose three.)

- A. A Layer 2 switch operates up to the data linklayer of the OSI network model.
- B. A Layer 3 switch operates up to the transportlayer of the OSI network model.
- C. A dual-layer switch operates at the transport and data link layers of the OSI network model.
- D. A dual-layer switch operates at the data link and network layers of the OSI network model.
- E. A multilayer switch operates up to Layer 4 of the OSI network model.

Correct Answer: ABE

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**QUESTION 2**

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 3**

Which two of the following features are not supported by Cisco WAAS Express? (Choose two.)?

- A. TFO
- B. DRE with persistent cache?
- C. Application optimizers?
- D. Auto-discovery of end nodes?

Correct Answer: BC

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**QUESTION 4**



Which two of the following are unique advantages of the PD/PSE Cisco Catalyst Compact Switches? (Choose two.)

- A. Due to the fanless design, they can be placed in the workplace and drastically reduce in-house cabling needs.
- B. They support 16 PoE output ports.
- C. They support PoE+ output.
- D. They diminish the power infrastructure by supporting PoE+ input and PoE output at the same time.

Correct Answer: AD

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#### QUESTION 5

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 6

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 7

Which two of the following statements are true regarding placement of WAAS? (Choose two.)?

- A. All WAE appliance models support inline deployment. Fail-to-wire capabilities ensure that traffic continues to flow through the system in case of a hardware or software failure.
- B. Off-path interception of traffic can be achieved by policy-based routing or WCCP v2 interception.



C. Cisco WAAS Express supports off-path interception only via WCCP v2 interception.

D. WAE appliances do not support 802.1Q.

Correct Answer: AB

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#### QUESTION 8

Which three of the following protocols are first-hop redundancy protocols? (Choose three.)

A. GLBP

B. GSRP

C. HSRP

D. VRRP

Correct Answer: ACD

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#### QUESTION 9

Which four of the following are included in the SBA toolset? (Choose four.)?

A. Partner enablement assets

B. Software release notes

C. Design guides

D. Foundation deployment guides

E. Command reference guides

F. Unified Communications Acceleration Guide

Correct Answer: ACDF

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#### QUESTION 10

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 11

Which three of the following are valid steps when building an architectural roadmap for a customer? (Choose three.)

- A. Understand the business objectives, current environment, and pain points of the customer.
- B. Assess the current infrastructure, financial data, and operational management capabilities.
- C. Identify configuration flaws on individual devices.
- D. Analyze collected data, identify potential savings, and develop TCO and ROI.
- E. Deliver business case documentation, detailed technical solution scenarios, and TCO report.

Correct Answer: ABD

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#### QUESTION 12

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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