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Exam : **644-068**

Title : Advanced Routing and Switching for Field Engineers – ARSFE

Version : Demo

1.Which three of the following are major trends that fuel the demand for routing and switching? (Choose three.)
A. Mobility
B. Video
C. Bandwidth optimization
D. Cloud
E. IT standardization
Answer: A,B,D

2.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?
Answer: B,C

3.Which two of the following statements correctly describe Cisco Catalyst Medianet capabilities? (Choose two.)?
A. Bandwidth for video conferences can be reduced by utilizing the Cisco Catalyst built-in DSPs for local video MCUs.
B. OpEx can be reduced by providing plug-and-play functionality using auto smart ports and auto QoSfeatures.
C. End-to-end monitoring and troubleshooting is enabled by Mediatrace and IPSLA.
D. Compatible devices can download the Media Service Interface software from the HTTP server running on the Cisco Catalyst switch.
Answer: B,C

4.Which two of the following statements correctly describe architecture and design? (Choose two.)
A. The architecture shows building blocks and abstract capabilities of a system and the relationships between the individual components.
B. The design shows concrete products, expected performance, and scalability options of a solution.
C. The design is the basis for creating the architecture.
D. The architecture includes a description of the best possible solution.
Answer: A,B

5.Which two statements are true about CVD and SBA? (Choose two.)?
A. The SBA toolset includes Partner Enablement Assets and EcoPartner Guides.
B. SBA guides are available for enterprise deployments only.
C. CVDs are end-to-end designs which are well-tested and fully documented.
D. Gold partners have access to a demo lab for each validated design.
Answer: A,C

6.Which three of the following are successful examples of strategic IT investments improving operational

agility? (Choose three.)
A. A company offers mobile email to its employees, who can then react faster to requests.
B. A company implements collaboration solutions, which simplified information exchange.
C. A company changes its security strategy from "lock down" to "secure access from anywhere", so that users are "always-on" and can easily work remotely.
D. A company implements EnergyWise solutions, which drastically reduce energy costs.
E. A company provides support for a BYOD solution, which increases the investment and requires network upgrades, but provides limited improvements compared to a well-known remote access solution.
Answer: A,B,C

7.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.
Answer: A,B,E

8.Which of the following is not a requirement for a core switch?
A. High availability?
B. Integrated services?
C. Network access control?
D. Application performance?
Answer: C

9.Which two of the following statements about the Cisco switching product portfolio are correct? (Choose two.)
A. The Cisco Catalyst 3560 v2 and CiscoCatalyst 3560-X are stackable.
B. The Cisco Catalyst 3750 v2 and CiscoCatalyst 3750-X are stackable.
C. The Cisco Catalyst 2000 series support 802.1X and MACsec encryption.
D. The Cisco Catalyst 2000 series support PoE and PoE+, but they do not support 60 W per port like the Cisco Catalyst 3000and Cisco Catalyst 4000 series.
Answer: B,D

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 offersMACsec encryption at line rate.
Answer: C,D