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**Vendor:** Cisco

**Exam Code:** 648-375

**Exam Name:** Cisco Express Foundation for Systems Engineers (CXFS)



## Exam A

### QUESTION 1

Which two capabilities does Cisco SecureX give organizations for their BYOD solutions? (Choose two.)

- A. integration with unified policy
- B. limited endpoint device choice
- C. efficient security policy with disabled cloud-based services
- D. persistent security for traditional PCs and for mobile devices
- E. use of wired and wireless access but not VPN access

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/prod/collateral/vpndevc/ps5712/ps11637/ps11195/qa\\_c67-703415\\_ns1167\\_Networking\\_Solutions\\_Q\\_and\\_A.html](http://www.cisco.com/en/US/prod/collateral/vpndevc/ps5712/ps11637/ps11195/qa_c67-703415_ns1167_Networking_Solutions_Q_and_A.html)

### QUESTION 2

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

- A. HSRP
- B. VRRP
- C. GSRP
- D. GLBP

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://en.wikipedia.org/wiki/First\\_Hop\\_Redundancy\\_Protocols](http://en.wikipedia.org/wiki/First_Hop_Redundancy_Protocols)

### QUESTION 3

Which of the following statements correctly describes the Cisco WAAS portfolio?

- A. Cisco WAAS is available as WAAS Mobile, WAAS Express, WAAS ISR modules, WAAS appliances, and vWAAS.
- B. Cisco WAAS is available as WAAS Mobile, WAAS Express, WAAS ISR modules, WAAS on SRE for ISR G2, WAAS appliances, vWAAS, and WAAS PC.
- C. Cisco WAAS is available as WAAS Mobile, WAAS Express, WAAS ISR modules, WAAS on SRE for ISR G2, WAAS appliances, vWAAS, WAAS PC, and WAAS Server.
- D. Cisco WAAS is available as WAAS Mobile, WAAS Express, WAAS ISR modules, WAAS on SRE for ISR G2, WAAS appliances, and vWAAS.
- E. Cisco WAAS is available as WAAS Express, WAAS ISR modules, WAAS on SRE for ISR G2, WAAS appliances, vWAAS, and vWAAS.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/prod/collateral/modules/ps2797/ps9750/data\\_sheet\\_c78-605215.html](http://www.cisco.com/en/US/prod/collateral/modules/ps2797/ps9750/data_sheet_c78-605215.html)

**QUESTION 4**

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

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

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 5**

Which three of items are components of the Cisco Prime Infrastructure? (Choose three.)

- A. Cisco Prime time Security Manager
- B. Cisco Prime Network Control System
- C. Cisco Prime WAN Management Solution
- D. Cisco Prime LAN Management Solution
- E. Cisco Prime Assurance Manager
- F. Cisco Prime Network Analysis Module

**Correct Answer:** BDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

<http://www.cisco.com/en/US/products/ps12239/index.html>

**QUESTION 6**

Which three are the most important business-driven considerations regarding networking equipment? (Choose three.)



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- A. The network has to support security and energy efficiency.
- B. Social networking and video services do not drive decisions on networking equipment.
- C. You should accept that networking innovation has ended.

- D. The network is a source of innovation and one of the most strategic assets.
- E. Virtualization and remote access solution should be considered as a Software as a Service solution.
- F. A next-generation network enables business benefits and customer engagement.

**Correct Answer:** AEF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 7**

Which three are advantages of Cisco Prime LMS? (Choose three.)

- A. It comes for free with any Cisco ISR G2 or Cisco ASR purchase.
- B. It includes Cisco Smart Business Architecture (SBA) validated templates.
- C. It provides complete life-cycle management.
- D. It includes Cisco LAN sensor licenses.
- E. It includes Cisco Borderless Networks service work centers.

**Correct Answer:** BCE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/prod/collateral/netmgtsw/ps6504/ps6528/ps11200/data\\_sheet\\_c78-652696.html](http://www.cisco.com/en/US/prod/collateral/netmgtsw/ps6504/ps6528/ps11200/data_sheet_c78-652696.html)

#### **QUESTION 8**

Which two statements correctly describe Cisco Validated Design and Smart Business Architectures? (Choose two.)

- A. CVD is technology-oriented, while SBA is market- and solution-oriented.
- B. SBA guides are available for enterprise deployments only.
- C. SBA is a blueprint for delivering the three Cisco architectures in a modular approach.
- D. Gold partners have access to a demo lab for each validated design.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 9**

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

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

**Correct Answer:** CD

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/prod/collateral/contnetw/ps5680/ps6870/qa\\_c67-611645\\_ps11211\\_Products\\_Q\\_and\\_A\\_Item.html](http://www.cisco.com/en/US/prod/collateral/contnetw/ps5680/ps6870/qa_c67-611645_ps11211_Products_Q_and_A_Item.html)

### **QUESTION 10**

Which two questions should you ask when assessing an organization's security needs? (Choose two.)

- A. Are you using the latest hardware and software versions for your security devices?
- B. Are you exploring new cloud and BYOD business models?
- C. What are the operating hours of your security response team?
- D. Are you enforcing the same security policies consistently across your organization?
- E. Are you using single-vendor security equipment?

**Correct Answer:** BD

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 11**

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

- A. RFC 4594 describes how to classify and mark traffic at the campus and branch LAN using 12 different classifications.
- B. According to RFC 4594, voice and video traffic should be sent through two separate priority queues.
- C. 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.
- D. 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.

**Correct Answer:** AC

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 12**

Which two statements are correct concerning Cisco Validated Design? (Choose two.)

- A. SMARTnet provides access to a demonstration lab for each validated design.
- B. Cisco Validated Design consists of systems that are designed, tested, and documented to facilitate and improve customer deployments.
- C. Cisco Validated Design incorporates a limited range of technologies and products into a portfolio of solutions that have been developed to address the business needs of customers.
- D. The design zone for security cannot offer validated designs for several categories.

**Correct Answer:** BD

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 13**

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 relationship 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.

**Correct Answer:** AB

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 14**

The Cisco SecureX Architecture is built on which three foundational principles? (Choose three.)

- A. Virtual office management
- B. Context-aware policy
- C. Network and global intelligence
- D. Network management
- E. Context-aware security enforcement
- F. Content access control

**Correct Answer:** BCE

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/solutions/collateral/ns170/ns896/ns1085/at\\_a\\_glance\\_c45-653483.pdf](http://www.cisco.com/en/US/solutions/collateral/ns170/ns896/ns1085/at_a_glance_c45-653483.pdf)

### **QUESTION 15**

Which two of the following statements about the Cisco switching product portfolio are correct? (Choose two.)

- A. The Catalyst 2000 series support PoE and PoE+, but they do not support 60 W per port like the Cisco Catalyst 3000 and Cisco Catalyst 4000 series.
- B. The Cisco Catalyst 3750 v2 Cisco Catalyst 3750-X are stackable.
- C. The Cisco Catalyst 3560 v2 Cisco Catalyst 3560-X are stackable.
- D. The Cisco Catalyst 2000 series support 802.1X and MACsec encryption.

**Correct Answer:** AB

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

**QUESTION 16**

Which two security features are part of the Cisco Catalyst Integrated Security Toolkit, which is available on almost all Cisco Catalyst switches? (Choose two.)

- A. DNS snooping
- B. Port security
- C. Static ARP inspection
- D. IP source guard
- E. SGACL
- F. MACsec

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/web/strategy/docs/gov/turniton\\_cisf.pdf](http://www.cisco.com/web/strategy/docs/gov/turniton_cisf.pdf)

**QUESTION 17**

Which statement about MACsec is true?

- A. MACsec does not work between any MACsec-capable supplicant and authenticator.
- B. MACsec provides Layer 2 hop-by-hop encryption, based on the 802.1AE standard.
- C. 802.1X protection includes the CMD field, which is used to carry the security group tag value.
- D. Cisco AnyConnect Release 3.0 supports both roles: supplicant and authenticator.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/docs/switches/lan/catalyst4500/15.1/XE\\_330SG/configuration/guide/wmacsec.html](http://www.cisco.com/en/US/docs/switches/lan/catalyst4500/15.1/XE_330SG/configuration/guide/wmacsec.html)

**QUESTION 18**

Which two statements about CVD and SBA are true? (Choose two.)

- A. CVD is technology-oriented, while SBA is market-and solution-oriented.
- B. CVD includes everything from rough designs to tested versions of software code.
- C. SBA guides are available for enterprise deployments only.
- D. Gold partners have access to a demo lab for each validated design.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 19**

About 50 percent of the installed base of Cisco routers are reaching end of service or end of life. As a result,



about 4 million units are expected to be replaced. What are the four strongest arguments to pre-empt competitive attacks? (Choose four.)

- A. Price per unit
- B. Ability to meet local service provider requirements
- C. Transparency of solutions
- D. Quality of Cisco software and support
- E. Service integration
- F. Long investment cycles

**Correct Answer:** BCDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 20**

Which two examples best describes the challenges that customers face in networks of today? (Choose two.)

- A. How can we disable users from using their own devices?
- B. Do we need to invest in the BYOD solution?
- C. How do we control energy consumption of devices that are owned by employees?
- D. How can we effectively support extensive collaboration requirements, including video?
- E. Which type of firewall should we deploy?

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 21**

Which three statements accurately describe the evolution of the workplace and the importance of the network? (Choose three.)

- A. Cloud service cause end-user location to shift.
- B. Mobility causes location borders to shift.
- C. IT consumerization causes devices borders to shift.
- D. IT consumerization causes location borders to shift.
- E. Cloud services cause application borders to shift.

**Correct Answer:** BCE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 22**

Which three services can be provided by Cisco ISR G2 access routers? (Choose three.)

- A. Cisco WAAS engine
- B. NX-based services

- C. video control unit services
- D. IP telephony
- E. Firewalling
- F. integrated video services

**Correct Answer:** DEF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/prod/collateral/routers/ps10537/white\\_paper\\_c11-636065.html](http://www.cisco.com/en/US/prod/collateral/routers/ps10537/white_paper_c11-636065.html)

#### **QUESTION 23**

A customer wants to use the Cisco ASA for a VPN to interconnect the central site and three branches. Which type of VPN would you recommend?

- A. IPsec remote access VPN
- B. IPsec site-to-site VPN
- C. SSL remote access VPN
- D. SSL site-to-site VPN

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 24**

Which three of the following statements are true regarding the design of a technical solution? (Choose three.)

- A. CVDs provide proven design of solutions that include only Cisco products, which ensures single-vendor solutions.
- B. The technical solution has to be based on the previously defined architecture.
- C. Examples of low-level design tools are the Cisco Power Calculator, the Cisco Rack Space Calculator, and the Cisco DSP Calculator.
- D. Numerous CVDs are available that provide all the information needed for a successful deployment.
- E. The SBA toolkit includes foundation design guides that focus on concepts as well as foundation design guides that show detailed configurations.

**Correct Answer:** BDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 25**

Which three are valid Cisco VPN design options for teleworkers? (Choose three.)

- A. Cisco GET Easy VPN Remote
- B. Cisco SSL VPN
- C. Cisco Mobile VPN

- D. Cisco Secure ACS
- E. Cisco AnyConnect VPN

**Correct Answer:** BCE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 26**

What are the two business benefits of a BYOD solution? (Choose two.)

- A. less IT effort to support and secure different devices
- B. increased productivity using own devices
- C. simplification of network and security complexity
- D. less IT effort to support and secure different operating systems
- E. reduced OpEx

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 27**

Which statement correctly describes the importance and role of business processes?

- A. Changes in company strategy cause changes in business process and, consequently, in operations.
- B. Tasks in business process require interaction of various users using the same type of device.
- C. Business processes are built on company operations.
- D. Operations and, consequently, business processes define the company strategy.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 28**

Which two good operations for selling Cisco WAAS during a router refresh at branches? (Choose two.)

- A. In order to optimize bandwidth, WAAS Express (running in Cisco ISR G2 IOS Software) is a cost-effective solution for branches.
- B. In the frame of IT consolidation, vWAAS would be a good solution when deployed on Cisco ISR G2 at the branches.
- C. Application acceleration can be achieved by using WAAS Mobile on end devices and WAAS Server on Cisco ISR G2 at the branches.
- D. In order to optimize application performance, Cisco WAAS on Cisco SRE (in Cisco ISR G2) is a good solution for branches.

**Correct Answer:** AD

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 29**

Which three solutions are part of the Cisco SecureX Architecture? (Choose three.)

- A. secure switches
- B. secure servers
- C. secure mobility
- D. secure network
- E. secure routers
- F. secure email and web

**Correct Answer:** CDF

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 30**

What are the benefits of the Cisco Unified Access solution? (Choose three.)

- A. One network with a single network architecture
- B. one vendor
- C. one unified policy
- D. one management for networking and mobility
- E. one architecture

**Correct Answer:** ACD

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 31**

Which two of the following statements correctly Cisco IOS Software? (Choose two.)

- A. A universal Cisco IOS image includes all software features; additional software features are then activated by license keys without changing Cisco IOS.
- B. In order to obtain a license file, the product ID and serial number of the device are sent to the representative Cisco Channel Partner, along with the purchased product activation key.
- C. The Cisco ASR 1000 series features IOS-XE, a software architecture that consists of a platform component, IOS-XE middleware, and the actual Cisco IOS software.
- D. Cisco IOS 15 is available in two trains; T, which includes bug fixes and new features, and M, which includes bug fixes only.

**Correct Answer:** AB

**Section: (none)**

### **Explanation**

### **Explanation/Reference:**

Explanation:

### QUESTION 32

What are two driving factors for new security challenges? (Choose two.)

- A. increasing number of attacks from inside the network
- B. increasing number of security patches distributed by operating system vendors
- C. increasing number of employee-owned devices accessing the corporate network
- D. adoption of virtualization and cloud services
- E. increasing number of outdated encryption algorithms

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 33

Which two statements about the capabilities of all Cisco AnyConnect 3.0 Secure Mobility Client for Windows are true? (Choose two.)

- A. It supports always-on connectivity by automatically establishing a VPN connection as needed. If multiple VPN gateways exist, load sharing occurs in a round-robin fashion.
- B. The order of policy enforcement is as follows; dynamic access policy, use attributes tunnel group, group policy attributes.
- C. It supports session persistence after hibernation or standby.
- D. Trusted Network Detection allows the connection to be established without any user intervention (authentication), if the client is located inside the office.
- E. It is exclusively configured by central policies; no local configuration is possible.

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 34

Which two options show the correct associations of use cases with VPN technologies? (Choose two.)

- A. SP or large enterprise: MPLS, VPLS, SSL, VPN
- B. site-to-site VPN: GRE, DMVPN, FlexVPN, GET-VPN, IPsec
- C. site-to-site VPN: OTV, DMVPN, GRE, GET-VPN, IPsec
- D. client access: SSL VPN, EZ-VPN, FlexVPN, MPLS
- E. SP or large enterprise: MPLS, VPLS, OTV

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 35

Which are the two benefits of the "one policy" approach in the Cisco Unified Access solution? (Choose two.)

- A. Context-based control
- B. Comprehensive visibility
- C. Resiliency and scalability
- D. user-specific services
- E. uncompromised experience

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

<http://www.cisco.com/en/US/netsol/ns1187/index.html#~benefits>

#### **QUESTION 36**

Which three are benefits of a Cisco Borderless Network that go beyond TCO calculation? (Choose three.)

- A. high availability
- B. cost per port
- C. lowest power consumption
- D. enhanced security
- E. integrated services

**Correct Answer:** ADE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 37**

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

**Correct Answer:** CDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 38**

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

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

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps6406/data\\_sheet\\_c78-584733.html](http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps6406/data_sheet_c78-584733.html)

#### **QUESTION 39**

Which three of the following are recommended minimum required building blocks for a Cisco midmarket BYOD solution? (Choose three.)

- A. Cisco Aironet 1600 Series Access Point
- B. Cisco virtual wireless LAN controller
- C. Catalyst 4500-X Series Switch
- D. Cisco ASR 100 Series Router
- E. Cisco Business-Class Email

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 40**

Which two Cisco products can ensure the "one policy" platform in the Cisco Unified Access solution? (Choose two.)

- A. Cisco Mobility Service Engine
- B. Cisco Identify Service Engine
- C. Cisco AnyConnect
- D. Cisco WLC
- E. Cisco Security Manager
- F. Catalyst 4500-X Series Switch

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 41**

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

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 42**

Which three of these vendors are the strongest competitions to Cisco in the switching market? (Choose three.)

- A. Riverbed Technology
- B. Extreme Networks
- C. Juniper
- D. Brocade
- E. HP
- F. IBM

**Correct Answer:** CDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 43**

Which statement about Cisco Prime is true?

- A. It provides simple and efficient management across architectures, networks, and services.
- B. It is an expert-level monitoring and troubleshooting tool based on Cisco SIO.
- C. It provides simple and efficient management of security services.
- D. It provides management services for all TrustSec products

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 44**

Which three are challenges that are related to video deployments that are addressed by borderless network services in Cisco routers and by Cisco MediaNet? (Choose three.)

- A. bandwidth issues that are caused by centralized video mixing
- B. lack of support for far-end camera control (FECC) at some video terminals
- C. limited availability of high-speed video connections between sites
- D. difficulty configuring new video devices at all sites
- E. difficulty monitoring video performance and user experience

**Correct Answer:** CDE



**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/prod/collateral/routers/ps10536/data\\_sheet\\_c78-612429.html](http://www.cisco.com/en/US/prod/collateral/routers/ps10536/data_sheet_c78-612429.html)

**QUESTION 45**

Which two of these Catalyst switch series are typically deployed in commercial customer networks? (Choose two.)

- A. Catalyst 3750-C Series Switches
- B. Catalyst 4500-X Series Switches
- C. Catalyst 2960-C Series Switches
- D. Catalyst 6500 Series Switches
- E. Catalyst 3560-C Series Switches

**Correct Answer: BD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 46**

Which three are the benefits of the Cisco SecureX architecture? (Choose three.)

- A. Delivers granular visibility and control down to the user and device level
- B. Provides faster, more accurate protection from threats
- C. Increase operational efficiency with simplified policies, integrated security options, and automatic security enforcement
- D. Improves network security in cooperation with trusted vendor, third-party ecosystem
- E. Provides partial security coverage over the network devices

**Correct Answer: ABC**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/solutions/collateral/ns170/ns896/ns1085/at\\_a\\_glance\\_c45-653483.pdf](http://www.cisco.com/en/US/solutions/collateral/ns170/ns896/ns1085/at_a_glance_c45-653483.pdf)

**QUESTION 47**

Is MACsec supported on all Cisco Catalyst switches?

- A. It is supported only on Catalyst 6500 Series Switches and Nexus switches.
- B. It is supported only on Catalyst 3560-C Series Switches and above.
- C. Yes, it is supported on all switches.
- D. It is supported only on Catalyst 4500-X Series Switches and above.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 48**

Which three best describe the Cisco Borderless Network Architecture? (Choose three.)

- A. A Cisco Borderless Network Architecture providers borderless network services.
- B. User services are not part of the Cisco Borderless Network Architecture.
- C. Routers and switches provide transport services and operate at Layer 2 and Layer 3 of the Cisco Borderless Network Architecture.
- D. Infrastructure and network services are the basis for user services.
- E. A Cisco Borderless Network is based on a common network infrastructure.

**Correct Answer:** ADE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 49**

Which three are main drivers for changing operations? (Choose three.)

- A. change of market trends
- B. change of competition
- C. change of application software version
- D. change of relative strengths
- E. migration to Cisco single-vendor networking solution
- F. migration of the enterprise network to IPv6

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 50**

Which two items are services that are provided by Cisco Fabric Services? (Choose two.)

- A. DPVM configuration distribution
- B. Kerberos proxy distribution
- C. VLAN database distribution
- D. device alias distribution
- E. RSA key pair distribution

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/products/ps5989/products\\_configuration\\_guide\\_chapter09186a0080\\_662ca8.html](http://www.cisco.com/en/US/products/ps5989/products_configuration_guide_chapter09186a0080_662ca8.html)

**QUESTION 51**

Which statement about the Layer 3 card on the Cisco Nexus 5500 Series Switch is true?

- A. BGP support is not provided, but RIP, EIGRP, and OSPF support is provided.
- B. Up to two 4-port cards are supported with up to 160 Gb/s of Layer 3 forwarding capability.
- C. Port channels cannot be configured as Layer 3 interfaces.
- D. Up to 16 FEX connections are supported.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/prod/collateral/switches/ps9441/ps9670/data\\_sheet\\_c78-618603.html](http://www.cisco.com/en/US/prod/collateral/switches/ps9441/ps9670/data_sheet_c78-618603.html)

**QUESTION 52**

Which three selections represent implementations of Cisco VN-Link technology? (Choose three.)

- A. VMware PTS
- B. Cisco Nexus 2000 FEX
- C. Cisco Nexus 1000V
- D. vMotion
- E. Cisco VM-FEX

**Correct Answer:** ACD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 53**

Which two statements about Cisco Nexus 7000 line cards are true? (Choose two.)

- A. The F2 line card must reside in the admin VDC.
- B. F line cards are performance-oriented and likely connect northbound to the core Layer 3 connectivity.
- C. M1, M2, and F1 cards are allowed in the same VDC.
- D. M line cards are service-oriented and likely face the access layer and provide Layer 2 connectivity.
- E. M line cards support Layer 2, Layer 3, and Layer 4 with large forwarding tables and a rich feature set.

**Correct Answer:** CE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 54**

Which statement about scalability in Cisco OTV is true?

- A. Unknown unicasts are handled by the authoritative edge device.
- B. The control plane avoids flooding by exchanging MAC reachability.

- C. Any encapsulation overhead is avoided by using IS-IS.
- D. IP-based functionality provides Layer 3 extension over any transport.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/docs/solutions/Enterprise/Data\\_Center/DCI/whitepaper/DCI\\_1.html#w p1185792](http://www.cisco.com/en/US/docs/solutions/Enterprise/Data_Center/DCI/whitepaper/DCI_1.html#w p1185792)

#### **QUESTION 55**

Which statement about electronic programmable logic device image upgrades

- A. You can execute an upgrade or downgrade only from the active supervisor module.
- B. FPLD and ISSU image upgrades are nondisruptive.
- C. Whether the module being upgraded is online or offline, only the EPLD images that have different current and new versions are upgraded.
- D. An EPLD upgrade must be performed during an ISSU system or kickstart upgrade.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/docs/switches/datacenter/sw/5\\_x/epld/epld\\_rm\\_5.1.pdf](http://www.cisco.com/en/US/docs/switches/datacenter/sw/5_x/epld/epld_rm_5.1.pdf)

#### **QUESTION 56**

What mode is required on a Cisco Nexus 7000 32-port 10-GB module port group to allow equal access to the 10-GB port controller?

- A. Community
- B. Shared
- C. Dedicated
- D. Assigned

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/docs/switches/datacenter/sw/5\\_x/nx-os/interfaces/configuration/guide/if\\_basic.html#wp2265908](http://www.cisco.com/en/US/docs/switches/datacenter/sw/5_x/nx-os/interfaces/configuration/guide/if_basic.html#wp2265908)

#### **QUESTION 57**

VSAN's and SAN Zoning have similar security goals, but also have different qualities.

Drag the characteristic on the left to the appropriate column heading (VSAN or Zoning) on the right.

**Select and Place:**

Limits unicast, multicast and broadcast traffic

Endpoints can only belong to one

Shared routing and name space

Limits unicast traffic

Separate routing and name space

Endpoints can belong to multiple

Configured at fabric edge

Encompass the entire fabric

#### VSANs

#### Zoning

Correct Answer:

### VSANs

Limits unicast, multicast and broadcast traffic

Endpoints can only belong to one

Separate routing and name space

Encompass the entire fabric

### Zoning

Shared routing and name space

Limits unicast traffic

Endpoints can belong to multiple

Configured at fabric edge

#### Section: (none)

#### Explanation

#### Explanation/Reference:

Explanation:

#### VSANs

Separate routing and name space

Endpoints can only belong to one

Limits unicast multicast and broadcast traffic

Encompass the entire fabric

#### Zoning

Shared routing and name space

Endpoints can belong to multiple

Limit Unicast Traffic

configured at fabric edge

[http://www.cisco.com/en/US/docs/switches/datacenter/mds9000/sw/4\\_1/configuration/guides/cli\\_4\\_1/vsan.html](http://www.cisco.com/en/US/docs/switches/datacenter/mds9000/sw/4_1/configuration/guides/cli_4_1/vsan.html)

#### QUESTION 58

Which Cisco Nexus feature is best managed with DCNM SAN?

- A. AAA
- B. domain parameters
- C. virtual switches

D. VSS

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 59**

Drag the security description on the left to the appropriate security feature on the right.

**Select and Place:**

Permits IP traffic only when the IP address and Mac address matches the DHCP snooping binding table

Prevents disruptions on Layer 2 ports by excessive ingress traffic

a QoS Policy map that protects the control plane

Verifies a valid IP-to-MAC address binding of intercepted Address Resolution Protocol requests and responses

Discards packets that lack a verifiable IP source address

IP Source Guard

CoPP

Dynamic ARP Inspection

Unicast RPF

Traffic Storm Control

**Correct Answer:**

Permits IP traffic only when the IP address and Mac address matches the DHCP snooping binding table

a QoS Policy map that protects the control plane

Verifies a valid IP-to-MAC address binding of intercepted Address Resolution Protocol requests and responses

Discards packets that lack a verifiable IP source address

Prevents disruptions on Layer 2 ports by excessive ingress traffic

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

IP Source Guard: Permits IP Traffic only when the IP address and Mac address matches the DHCP snooping binding table

CoPP: a QoS Policy map that protects the control plane

Dynamic ARP Inspection: Verifies a valid IP-to-mac address binding of intercepted address resolution protocol requests and responses

Unicast RPF: Discards packets that lack a verifiable IP source address

Traffic Storm Control: Prevents Disruptions on layer 2 ports by excessive ingress traffic

[http://www.cisco.com/web/strategy/docs/gov/turniton\\_cisf.pdf](http://www.cisco.com/web/strategy/docs/gov/turniton_cisf.pdf)

#### QUESTION 60

Which two types of traffic are carried over a vPC peer link when no failure scenarios are present? (Choose two.)

- A. Multicast data traffic
- B. Unicast data traffic
- C. Broadcast data traffic
- D. vPC keep-alive messages

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/docs/switches/datacenter/sw/4\\_2/nx-os/interfaces/configuration/guide/if\\_vPC.html#wp1558485](http://www.cisco.com/en/US/docs/switches/datacenter/sw/4_2/nx-os/interfaces/configuration/guide/if_vPC.html#wp1558485)

#### QUESTION 61

By default it will take 10 seconds for authentication to fail due to an unresponsive RADIUS server before a Cisco Nexus series switch reverts to another RADIUS server or local authentication. What is one efficient way to improve the reaction time to a RADIUS server failure?

- A. Decrease the global RADIUS timeout interval to 5 seconds.
- B. Configure the RADIUS retransmission count and timeout interval per server, versus globally.
- C. Configure per server a test idle timer, along with a username and password.
- D. Decrease the global RADIUS retransmission count to 1.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/docs/switches/datacenter/sw/4\\_1/nx-os/security/configuration/guide/sec\\_radius.html#wp1561847](http://www.cisco.com/en/US/docs/switches/datacenter/sw/4_1/nx-os/security/configuration/guide/sec_radius.html#wp1561847)

#### QUESTION 62

Which two statements accurately describe the evolution of the workplace and the importance of the network? (Choose two.)

- A. Mobility causes location borders to shift.
- B. Cloud services cause end-user locations to shift.
- C. Cloud services cause application borders to shift.
- D. IT consumerization causes location borders to shift.



E. Mobility causes devices to become centralized.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 63**

Which two questions should you ask a customer, that best help you when assessing an organization's security needs? (Choose two.)

- A. Are you exploring new cloud and BYOD business models?
- B. Do you have any Cisco Nexus 7000 deployed in your network?
- C. Are you using single-vendor security equipment?
- D. Are you enforcing the same security policies consistently across your organization's network?
- E. What are the operating hours of your security response team?

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 64**

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

- A. How can we effectively support extensive collaboration requirements, including video?
- B. How do we control energy consumption of devices that are owned by employees?
- C. Which type of firewall should we deploy?
- D. Do we need to invest in the BYOD solution?
- E. How can we disable users from using their own devices?

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 65**

The Cisco SecureX Architecture is built on which two foundational principles? (Choose two.)

- A. context-aware policy
- B. virtual office management
- C. network management
- D. service provider policy
- E. context-aware security enforcement

**Correct Answer:** AE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 66**

Which two definitions best describe the Cisco Borderless Network Architecture? (Choose two.)

- A. Infrastructure and network services are the basis for user services.
- B. A Cisco Borderless Network is based on a common network infrastructure.
- C. Routers and switches provide transport services and operate at Layer 4 of the Cisco Borderless Network Architecture.
- D. A Cisco Borderless Network Architecture provides cloud services.
- E. User services are not part of the Cisco Borderless Network Architecture.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 67**

Which two are main drivers for changing business operations? (Choose two.)

- A. change of market trends
- B. change of competition
- C. change of application software version
- D. migration to Cisco single-vendor networking solution
- E. migration of the enterprise network to IPv6

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 68**

Which three are the most important business-driven considerations regarding networking (Choose three.)

- A. The network is a source of innovation and one of the most strategic assets.
- B. You should accept that networking innovation has ended.
- C. A next-generation network enables business benefits and customer engagement.
- D. The network has to support security and energy efficiency.
- E. Social networking and video services do not drive decisions on networking equipment.
- F. Virtualization and remote access solutions should be considered as a Software as a Service solution.

**Correct Answer:** ACD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 69**

Which two of these Catalyst switch series are typically deployed in the distribution layer? (Choose two.)

- A. Nexus 7000 Series Switches
- B. Catalyst Compact Switches
- C. Catalyst 3000 Series Switches
- D. Catalyst 4500 Series Switches
- E. Catalyst 6500 Series Switches

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 70**

Which statement about the capabilities of the Cisco AnyConnect 3.0 Secure Mobility Client for Windows is true?

- A. User must select the nearest network access point to connect to.
- B. It supports session persistence after hibernation or standby.
- C. It is supported on Windows 7 and above.
- D. It is exclusively configured by central policies; no local configuration is possible.
- E. Only local policy configuration is supported.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 71**

What are the three elements of the Cisco Unified Access solution? (Choose three.)

- A. one routing platform
- B. one vendor
- C. one management for networking and mobility
- D. one network with a single network architecture
- E. one unified policy
- F. one switching platform

**Correct Answer:** CDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 72**

What are the two benefits of the "one policy" approach in the Cisco Unified Access solution? (Choose two.)

- A. Single management platform
- B. Unified control over who, what, when, where, and how uses the network
- C. Best in class WLAN and LAN switching

- D. Consistent access control across location and platforms
- E. Best in class routing

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 73**

Which Cisco switches support MACsec?

- A. all Catalyst switches
- B. only on Cisco Nexus Switches
- C. only on Catalyst 3560-C Series Switches and above
- D. only on Catalyst 6500 Series Switches

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 74**

Which statement about the Cisco switching product portfolio is correct?

- A. Only Cisco Catalyst 3750 Series switches and above can support PoE.
- B. The Cisco Catalyst 3750 Series switches are stackable.
- C. The Cisco Catalyst 2000 Series support 802.1X and MACsec encryption.
- D. The Cisco Catalyst 3560 Series switches are high-end switches for data.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 75**

Which two Cisco Catalyst Series switches are modular? (Choose two.)

- A. Catalyst 3560-X Series
- B. Catalyst 2900 Series
- C. Catalyst 4500 Series
- D. Catalyst 6500 Series
- E. Catalyst 4900 Series

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 76**

Which two of the following are recommended minimum required building blocks for a Cisco midmarket BYOD solution? (Choose two.)

- A. Cisco wireless LAN controller
- B. Catalyst 4500-X Series Switch
- C. Cisco ASR 100 Series Router
- D. Cisco Aironet Access Point
- E. Cisco WAAS appliance

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 77**

Which two Cisco products can ensure the "one policy" platform in the Cisco Unified Access solution? (Choose two.)

- A. Cisco WAAS
- B. Cisco Identity Services Engine
- C. Catalyst 6500 Series Switch
- D. Nexus 5000 Series Switch
- E. Cisco AnyConnect

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 78**

Which statement correctly describes Cisco IOS Software?

- A. A universal Cisco IOS image includes all software features; enabled features depend on license keys.
- B. Only Cisco Channel Partners can issue Cisco IOS license keys.
- C. Newer Cisco routers support only Cisco IOS Software version 15 and above.
- D. Cisco IOS-XE Software is a subset of the Cisco IOS Software.
- E. Cisco Business Edition 6000 is integrated into Cisco IOS Software.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 79**

What are the two QoS features important to customers? (Choose two)

- A. It supports class of service.

- B. It supports traffic classification based on source MAC address.
- C. It supports traffic classification and marking.
- D. It supports traffic marking based on source port number.
- E. It supports traffic classification based on source and destination MAC address.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 80**

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

- A. GLBP
- B. GSRP
- C. HSRP
- D. VRRP

**Correct Answer:** ACD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://en.wikipedia.org/wiki/First\\_Hop\\_Redundancy\\_Protocols](http://en.wikipedia.org/wiki/First_Hop_Redundancy_Protocols)

#### **QUESTION 81**

Which two statements describe unique advantages of the Cisco Catalyst Compact switches? (Choose two.)

- A. Due to the fanless design, they can be placed anywhere in the workplace.
- B. They support up to 24 PoE ports.
- C. Only Cisco Catalyst 2960-C Series switches support PoE+ and MACsec.
- D. They diminish the power infrastructure by supporting PoE+ input and PoE output at the same time.
- E. They support MPLS switching.

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 82**

What are two reasons you would add Cisco WAAS to the branch router? (Choose two.)

- A. Cisco vWAAS on Cisco ISR G2 is a solution to optimize services consolidation.
- B. Cisco WAAS Express is a cost-effective solution to optimize bandwidth.
- C. Cisco WAAS Mobile on Cisco ISR G2 is an effective solution to achieve application acceleration.
- D. Cisco WAAS on Cisco SRE is a good solution to optimize application performance.
- E. Cisco WAAS Mobile on Cisco SRE is a cost-effective solution to optimize bandwidth.

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 83**

Which two are good options for selling Cisco WAAS during a router refresh at branches? (Choose two.)

- A. Cisco vWAAS on Cisco ISR G2 is a solution to optimize services consolidation.
- B. Cisco WAAS Mobile on Cisco ISR G2 is an effective solution to achieve application acceleration.
- C. Cisco WAAS Express is a cost-effective solution to optimize bandwidth.
- D. Cisco WAAS on Cisco SRE is a good solution to optimize application performance.

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 84**

Which statement correctly describes Cisco WAAS?

- A. Cisco WAAS Mobile has the same features as Cisco WAAS and differs only in performance.
- B. Cisco WAAS Express is integrated into Cisco IOS.
- C. Cisco vWAAS can be implemented on any Cisco ISR routers.
- D. Cisco WAAS Express can run simultaneously with Cisco Unity Express on the same Cisco SRE.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 85**

Which three of these vendors are the strongest competitors to Cisco in the routing market?

- A. Extreme Networks
- B. Huawei
- C. Juniper
- D. Riverbed Technology
- E. HP
- F. Brocade

**Correct Answer:** BCE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 86**

About 50 percent of the installed base of Cisco routers are reaching end of service or end of life. As a result, about 4 million units are expected to be replaced. What are the four strongest arguments to pre-empt competitive attacks? (Choose four.)

- A. lower cost
- B. service integration
- C. quality of Cisco software and support
- D. long investment cycles
- E. transparency of solutions
- F. free long-term financing

**Correct Answer:** BCDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 87**

Which one of these statements is true about Cisco EnergyWise technology?

- A. Cisco EnergyWise management is supported only via Cisco EnergyWise Orchestrator.
- B. Cisco EnergyWise domains are defined on the Domain Name System.
- C. Cisco EnergyWise endpoints are managed by policies and monitored for energy usage.
- D. Cisco EnergyWise is supported on Catalyst 3560 Series Switches and higher.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 88**

Which three security features are available on Cisco Catalyst switches? (Choose three.)

- A. Port security
- B. DHCP snooping
- C. IP destination guard
- D. Private VLAN
- E. MACtrust
- F. Secure virtualization

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 89**

Which three are challenges that are related to video deployments that are addressed by borderless network services in Cisco routers and by Cisco MediaNet? (Choose three.)

- A. bandwidth issues



- B. difficult video performance monitoring
- C. difficult configuration of new video devices
- D. intermittent broadcast signal
- E. Lack of MACSec support on remote video terminals
- F. Lack of high-definition video terminals

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 90**

Which two capabilities does Cisco SecureX give organizations for their BYOD solutions? (Choose two.)

- A. limited endpoint device choice
- B. integration with unified policy
- C. use of wired and wireless access but not VPN access
- D. persistent security for traditional PCs and for mobile devices
- E. efficient security policy with disabled cloud-based services

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

[http://www.cisco.com/en/US/prod/collateral/vpndevc/ps5712/ps11637/ps11195/qa\\_c67-703415\\_ns1167\\_Networking\\_Solutions\\_Q\\_and\\_A.html](http://www.cisco.com/en/US/prod/collateral/vpndevc/ps5712/ps11637/ps11195/qa_c67-703415_ns1167_Networking_Solutions_Q_and_A.html)

#### **QUESTION 91**

Which two solutions are part of the Cisco SecureX Architecture? (Choose two.)

- A. secure management
- B. secure storage
- C. secure network
- D. secure servers
- E. secure mobility

**Correct Answer:** CE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 92**

Which three are the benefits of the Cisco SecureX architecture? (Choose three.)

- A. delivers granular visibility and control down to the user and device level
- B. provides partial security coverage over the network devices
- C. provides faster, more accurate protection from threats

- D. improves network security in cooperation with trusted vendor, third-party ecosystem
- E. increases operational efficiency with simplified policies, integrated security options, and automatic security enforcement

**Correct Answer:** ACE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 93**

Which two security features are part of the Cisco Catalyst Integrated Security Toolkit on Cisco Catalyst switches? (Choose two.)

- A. IP source guard
- B. secure service provider connectivity
- C. network module security
- D. secure DNS
- E. secure MPLS
- F. port security

**Correct Answer:** AF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 94**

Which two VPN technologies are used in the site-to-site connectivity? (Choose two.)

- A. MPLS
- B. MVPN
- C. IPsec
- D. OTV
- E. EZ-VPN

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 95**

Which two of these items are components of the Cisco Prime Infrastructure? (Choose two.)

- A. Cisco Prime Network Control System
- B. Cisco Prime Security Manager
- C. Cisco Prime UCS Manager
- D. Cisco Prime Voice Manager
- E. Cisco Prime LAN Management Solution
- F. Cisco Prime Access Manager

**Correct Answer:** AE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 96**

Which two are advantages of Cisco Prime LAN Management Solutions? (Choose two.)

- A. It is bundled with any Cisco ISR G2 or Cisco ASR purchase.
- B. It includes Cisco Borderless Networks service work centers.
- C. It includes Cisco WAAS licenses.
- D. It includes WAN optimization features.
- E. It provides complete life-cycle management.

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 97**

Which two statements correctly describe Cisco Validated Designs and Smart Business Architecture? (Choose two.)

- A. CVD is technology-oriented, while SBA is market- and solution-oriented.
- B. SBA guides are available for enterprise deployments only.
- C. SBA is a blueprint for delivering the three Cisco architectures in a modular approach.
- D. Gold partners have access to a demo lab for each validated design.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 98**

Which two secure VPN solutions are valid for teleworkers? (Choose two.)

- A. Cisco AnyConnect VPN
- B. Cisco Port Security VPN
- C. Cisco SSL VPN
- D. Cisco MACsec VPN
- E. Cisco Remote VPN

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 99**

Which two statements are true when designing a new technical solution? (Choose two.)

- A. The technical solution has to be based on the previously defined architecture.
- B. The technical solution must not consider existing solution, it must be built from scratch.
- C. CVDs provide proven design of single-vendor solutions.
- D. Numerous CVDs are available that provide all the information needed for a successful deployment.
- E. The SBA toolkit includes foundation design guides that focus on concepts as well as foundation design guides that show detailed configurations.

**Correct Answer:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 100**

Which three are benefits of a Cisco Borderless Network that go beyond a TCO calculation? (Choose three.)

- A. high availability
- B. enhanced security
- C. cost per port
- D. integrated services
- E. lowest power consumption

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 101**

Which statement best describes total cost of ownership (TCO)?

- A. TCO is the same as the sum of all capital expenditures.
- B. TCO consists of direct costs (CapEx) and indirect costs such as labor and training.
- C. TCO also includes competitive advantage and business growth.
- D. TCO is relevant to the finance manager only.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 102**

Which statement is correct about Cisco Validated Designs?

- A. Cisco Validated Designs consist of systems that are designed, tested, and documented to facilitate and improve customer deployments.
- B. Cisco Validated Designs do not support any designs that include third-party devices.

- C. Cisco Smart Business Architectures guides are called Cisco Validated Designs.
- D. SMARTnet provides access to a demonstration lab for each validated design.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:



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