

**Cisco 642-384**

**Cisco Express Foundation for Field Engineers**  
Version: 3.1

**Topic 1, Main Questions****QUESTION NO: 1**

Which two statements best describe the wireless core feature set using autonomous access points when implementing Wireless Domain Services? (Choose two)

- A. The primary Layer 2 WDS server address is configured via the infrastructure accesspoint GUI
- B. The primary Layer 2 WDS server address is automatically discovered by the infrastructure access points through multicast
- C. The primary Layer 2 WDS is selected by the highest MAC address, followed by priority number
- D. The primary Layer 2 WDS is selected by the highest priority number, followed by MAC address
- E. The primary Layer 2 WDS is selected by the highest IP address, followed by MAC address

**Answer: B,D**

**Explanation:**

**QUESTION NO: 2**

Which companion switch is recommended to be installed with Cisco Smart Business Communications System?

- A. C2950
- B. C3750
- C. ESW 500
- D. SRW224G4

**Answer: C**

**Explanation:**

**QUESTION NO: 3**

Refer to the exhibit.

A host on the Sales subnet (10.0.2.0/24) is not able to initiate a web connection to an outside website. According to the network diagram and partial Cisco Configuration Professional configuration shown in the exhibit. What is the cause of the problem?

- A. The dynamic NAT global pool is not configured correctly
- B. The source networks for static NAT are not configured correctly
- C. The administrator has not added an access list to allow the collection
- D. The source network for dynamic NAT is not configured correctly

**Answer: D**

**Explanation:**

**QUESTION NO: 4**

In which of these phase is a customer's current network structure assessed

- A. plan
- B. design
- C. implement
- D. prepare

**Answer: A**

**Explanation:**

**QUESTION NO: 5**

What are two ways to secure traffic across a network? (Choose two)

- A. Cisco ISR G2
- B. Identify-management devices
- C. ACLs
- D. Firewalls
- E. VPN connection
- F. VLANs

**Answer: D,E**

**Explanation:**

**QUESTION NO: 6**

You have just configured HSRP and need to determine which router is active. Which command should you enter?

- A. Show ip hsrp active
- B. Show standby active
- C. Show standby
- D. Show active

**Answer: C**

**Explanation:**

**QUESTION NO: 7**

What do radio-wave radiation patterns allow you to determine when you are implementing wireless networks?

- A. Size of the coverage area
- B. Which antenna is being used
- C. Temperature of the coverage area
- D. Shape of the coverage area

**Answer: A**

**Explanation:**

**QUESTION NO: 8**

Which command assigns a cost value of 17 to a switch port?

- A. Spanning-tree interface fastethernet 5/8 17
- B. Spanning-tress portcost 17
- C. Spanning-tree port cost 17
- D. Spanning-tree cost 17}

**Answer: D**

**Explanation:**

**QUESTION NO: 9**

Which command displays the routing information that will be used to move data between VLANs on a router on a disk?

- A. Router# show ip protocols
- B. Router# show ip route
- C. Router# show vlan[vlan\_ID]
- D. Router# show vlan route

**Answer: B**

**Explanation:**

**QUESTION NO: 10**

What were two primary design purpose for ISRs? (Choose two)

- A. To provide a centralized threat database for IPS sensors
- B. To bring IP technology, voice mail, email, and firewall services to the end user
- C. To implement and to integrate fully network services such as security, WAN routing, and Ethernet switching
- D. To offer Fast Ethernet and 10 Gigabit Ethernet as a high-speed routing platform
- E. To be a next-generation, high-performance routing platform
- F. To provide all security-management functions in one high-performance device

**Answer: B,C**

**Explanation:**

#### QUESTION NO: 11

What are two areas in which PoE can be applied? (Choose two)

- A. building management
- B. data center management
- C. retail video kiosks
- D. digital telephony
- E. virtual networks

**Answer: A,C**

**Explanation:**

#### QUESTION NO: 12

Which identify credential is used most commonly to secure network data?

- A. VPN
- B. PIN
- C. ID card
- D. Password

**Answer: B**

**Explanation:**

#### QUESTION NO: 13

You are troubleshooting OSPF neighbor establishment problems, which are occurring over Frame

Relay interfaces that use the default OSPF network type. What should you verify in the router configuration?

- A. the ip ospf network point-to point statement under the Frame Relay interface
- B. the ip ospf priority statement on the Frame Relay interface on the designated router
- C. the neighbor statements on the Frame Relay interface
- D. the frame-relay map statement on the Frame Relay interface

**Answer: D**

**Explanation:**

#### QUESTION NO: 14

What are two advantages of using an intermediate distribution frame? (Choose two)

- A. Power over Ethernet capability
- B. higher RU density
- C. reduced space
- D. hot-swappable hard drives
- E. reduced cabling

**Answer: A,E**

**Explanation:**

#### QUESTION NO: 15

Refer to the exhibit.

R2 is always in the init state. Which two statements are correct? (Choose two)

- A. R2 is seeing hello packets from R1
- B. R2 is not seeing hello packets from R1
- C. The exchange of data between R1 and R2 is occurring because each is sending hello packets
- D. Two-way communication has not been established between R1 and R2 because R2 is not seeing its router ID in the hello packets that it is receiving from R1
- E. R2 has an access list defined for S0 that is blocking an OSPF multicast IP address of 224.0.0.5

**Answer: A,D**

**Explanation:**

#### QUESTION NO: 16

Which type of antenna would be best used in a classroom environment?

- A. omnidirectional
- B. Yagi
- C. patch
- D. parabolic

**Answer: A**

**Explanation:**

#### QUESTION NO: 17

Which steps must be taken when preparing Cisco ASDM for use?

- A. connect the PC to the security, set up the security appliance, and use the console to connect to PIX
- B. Set up security appliance, connect to the security appliance, and configure the PC for DHCP
- C. Configure the PC, set up the security appliance, and ensure that the PC and security appliance are on the same subnet
- D. Set up security appliance, connect the PC to the security appliance, and ensure that the PC is on the same subnet as DHCP

**Answer: C**

**Explanation:**

#### QUESTION NO: 18

The Cisco SA 500 Series Security Appliances are built specifically for businesses with less than 100 employees. What are three important benefits of this device? (Choose three)

- A. business-grade firewall
- B. premium support via SMARTnet
- C. site-to-site VPN for remote offices
- D. Cisco IOS software-based
- E. email security
- F. XML support

**Answer: A,C,E**

**Explanation:**

#### QUESTION NO: 19

What are two advantages of implementing a router on a stick? (Choose two)

- A. offers a single traffic path to alleviate congestion
- B. uses a common network topology
- C. provides communications between VLANs on remote switches
- D. allows multilayer switches to perform routing
- E. offers the highest rate of packets-per-second routing performance
- F. allows for single point of failure for easy management and upgrade

**Answer: C,F**

**Explanation:**

#### QUESTION NO: 20

Refer to the exhibit.

A network administrator is troubleshooting an EIGRP connection between Router A and Router B. Given the debug output on Router A, which two statements are true? (Choose two)

- A. Router A received a hello packet with mismatched autonomous system numbers
- B. Router A received a hello packet with mismatching hello timers
- C. Router A received a hello packet with mismatched authentication parameters
- D. Router A received a hello packet with mismatched metric-calculation mechanisms
- E. Router A will form an adjacency with Router B
- F. Router A will not form an adjacency with Router B

**Answer: D,F**

**Explanation:**

#### QUESTION NO: 21

Which three are integrated Smart Applications included with the Cisco Unified Communications 500 series? (Choose three)

- A. Smart Business Suite
- B. Connected Data Protector
- C. Timecard View
- D. Cisco Unified CallConnector
- E. Cisco WebEx PhoneConnect
- F. VoiceView Express

**Answer: C,D,E**



**Explanation:**

**QUESTION NO: 22**

What should you do first when selecting the appropriate antenna for a wireless deployment?

- A. Determine the shape of the area to be covered
- B. Determine the frequency of the radio
- C. Determine the location of the access point
- D. Determine the direction of the coverage

**Answer: B**

**Explanation:**

**QUESTION NO: 23**

Which authentication uses biometrics?

- A. password
- B. voice
- C. tokens
- D. certificates

**Answer: B**

**Explanation:**

**QUESTION NO: 24**

What does understanding the radiation patterns of different antennas types help you to determine when providing wireless coverage in an office building?

- A. the exact number of access points that are needed
- B. the type of antenna to cover a specific area
- C. the size of an area that will be covered
- D. the location of the access points

**Answer: C**

**Explanation:**

**QUESTION NO: 25**

Which combination of ports is available on the Cisco SPA 8800 voice gateway?

- A. one station port and one trunk port (1xFXS and 1xFXO)
- B. two station ports (2xFXS)
- C. four station ports and four trunk ports (4xFXS and 4xFXO)
- D. eight station ports (8xFXS)

**Answer: C**

**Explanation:**

#### QUESTION NO: 26

Which three elements can you review when examining the traffic across a network?

(Choose three)

- A. VPN connection
- B. packet flows
- C. ACLs
- D. states
- E. connections
- F. firewalls
- G. mainframe

**Answer: B,C,E**

**Explanation:**

#### QUESTION NO: 27

How do the Cisco ISR G2 platforms enable the next phase of branch-office evolution?

- A. They allow future enabling of high-bandwidth video and high-availability, through multi-core CPUs and support for high-capacity DSPs.
- B. They integrate multiple processors in one unit to enable rich-media collaboration and virtualization
- C. They feature wire-speed Fast Ethernet for high performance
- D. They offer services through a robust Layer 2 and Layer 3 fixed and stackable switch

**Answer: B**

**Explanation:**