

## 642-371 Optical

### Cisco Foundation Express for Systems Engineers(FOUNDSE)

**Practice Exam:** 642-371 Exams

**Exam Number/Code:** 642-371

**Exam Name:** Foundation Express for Systems Engineers(FOUNDSE)

**Questions and Answers:** 83 Q&As

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Exam : Cisco 642-371

Title : Cisco(r) Foundation Express for Systems Engineers (FOUNDSE)

1. Your customer is concerned that adding firewall-based security will require major hardware changes. Which Cisco IOS Firewall benefit would you highlight?

A. Cisco IOS Firewall is available for a wide variety of router platforms. It scales to meet the bandwidth and performance requirements of any network.

B. Integrating firewall functions into a multiprotocol router takes advantage of an existing router investment, without the cost and learning curve associated with a new platform.

C. Because it is installed on a Cisco router, Cisco IOS Firewall is an all-in-one, scalable solution that performs multiprotocol routing, perimeter security, intrusion prevention, VPN functions, and per-user authentication and authorization.

D. Combining the Cisco CNS 2100 Series Intelligence Engine and the Cisco IOS Software Extensible Markup Language application helps a network administrator deploy any Cisco router with little or no preconfiguration to a given destination.

Answer: B

2. Which two of these statements best describe fast secure roaming for the wireless core feature set using autonomous access points? (Choose two.)

A. It is compatible with all wireless clients.

B. It reduces roaming latency through reduced client RF channel scanning enhancements.

C. It reduces roaming latency to targeted times of less than 75ms.

D. Roaming occurs without reauthentication through a centralized RADIUS server.

E. It is enabled through WLSE deployment.

Answer: BD

3. What is the benefit of using the Cisco Easy VPN Server feature along with the Cisco software VPN client for implementing remote-access VPNs?

A. The Cisco Easy VPN Server feature and the Cisco software VPN client use the same GUI configuration tool to simplify remote-access VPN configurations.

B. The Cisco Easy VPN Server feature allows the Cisco software VPN client to receive its security policies from the central site VPN device. This minimizes the configuration requirements at the remote location for large remote access VPN deployments.

C. The Cisco Easy VPN Server feature and the Cisco software VPN client use hardware-based encryption to reduce the CPU overhead of the central site VPN router.

D. The Cisco Easy VPN Server feature and the Cisco software VPN client enable scalable remote-access VPNs deployment by using a thick client/thin server model where the central site VPN router can handle thousands of incoming VPN connections.

Answer: B

4. What is a benefit of Cisco's anti-x defense strategy?

A. applications security

B. virtual firewall

C. security events correlation for proactive response

D. malware, virus, and worm mitigation

E. secure connectivity (V3PN)

Answer: D

5. Your customer is concerned about the flexibility of the security design. Which Cisco IOS Firewall benefit would you highlight?

A. Cisco IOS Firewall is available for a wide variety of router platforms. It scales to meet the bandwidth and performance requirements of any network.

B. Integrating firewall functions into a multiprotocol router takes advantage of an existing router investment, without the cost and learning curve associated with a new platform.

C. Cisco SDM allows GUI-based configuration of router security features.

D. Because it is installed on a Cisco router, Cisco IOS Firewall is an all-in-one, scalable solution that performs multiprotocol routing, perimeter security, intrusion prevention, VPN functions, and per-user authentication and authorization.

Answer: D

6. Which of these is the Cisco IOS Firewall feature that provides secure, per-application access control across network perimeters?

A. DDoS Mitigation

B. Cisco Security Agent

C. Intrusion Prevention System

D. Authentication Proxy

E. Context-based Access Control

F. Monitoring, Analysis and Response System

Answer: E

7. Which SDM feature secures the router using a set of recommended security configurations based on Cisco IOS AutoSecure and ICASA recommendations?

A. security wizard

B. security audit

C. one-step lockdown

D. Easy VPN Server

E. auto setup wizard

Answer: C

8. Which of these is the Cisco IOS security feature that enhances perimeter firewall protection by taking appropriate actions on packets and flows that violate the security policy or represent malicious network activity?

A. DDoS Mitigation (DDoS)

B. Cisco Security Agent (CSA)

C. Intrusion Prevention System (IPS)

D. Authentication Proxy (Auth Proxy)

E. Context-based Access Control (CBAC)

F. Monitoring, Analysis and Response System (MARS)

Answer: C

9. Which two of these statements best describe fast secure roaming? (Choose two.)

A. available only in autonomous APs

B. available in autonomous and lightweight APs

C. a feature of WDS in autonomous APs

D. a feature of WDS in lightweight APs

E. requires at least one AP and one Wireless LAN Services Module

Answer: BC

10. Which of these is a benefit of VPN software integrated into a Cisco router such as the ISR?

- A. It uses the IPSec protocol to establish secure SAs.
- B. It supports digital certificates to authenticate clients.
- C. It uses Triple DES encryption to provide data integrity.
- D. It is based upon the GRE standard to provide multi-protocol support.
- E. It supports access to a Microsoft CA for security policy authentication.

Answer: B

11. Which three of these are benefits of the Cisco IOS IPSec VPN feature set? (Choose three.)

- A. It provides a comprehensive VPN security management system.
- B. It is available for a wide range of platforms running IOS software.
- C. It integrates appliance design and innovative hybrid security architecture to provide stateful GRE VPN capabilities.
- D. It enables scaleable secure connectivity for remote access VPNs, including e-commerce, mobile user, and telecommuting applications.
- E. It combines IPSec VPN enhancements with robust firewall, intrusion prevention, and secure administration capabilities.
- F. It provides strong encryption and authentication through digital certificates, one-time password tokens, and pre-shared keys to the baseline Cisco Secure Integrated Software.

Answer: BEF

12. Which item is a feature of Cisco Compatible Extensions, Version 3?

- A. full 802.11e compliance
- B. full WPAv2 compliance
- C. wireless IDS
- D. NAC

Answer: B

13. Your customer is concerned that adding firewall-based security will require complicated management. Which Cisco IOS Firewall benefit would you highlight?

- A. Integrating firewall functions into a multiprotocol router takes advantage of an existing router investment, without the cost and learning curve associated with a new platform.
- B. Cisco SDM allows GUI-based configuration of router security features, greatly reducing the need to learn complex CLI command syntaxes.
- C. Because it is installed on a Cisco router, Cisco IOS Firewall is an all-in-one, scalable solution.
- D. Combining the Cisco CNS 2100 Series Intelligence Engine and the Cisco IOS Software Extensible Markup Language application helps a network administrator deploy any Cisco router with little or no preconfiguration to a given destination. The router has the most current Cisco IOS software release and its security policy configuration for the firewall when it is connected to the Internet.

Answer: B

14. Deploying ISRs with integrated security services can help lower the total cost of ownership. Which of these Cisco ISR Routers features illustrate this point?

- A. using built-in on-board VPN acceleration to reduce the amount of VPN configuration tasks
- B. using the USB port to perform fast Cisco IOS image upgrade
- C. using the security audit feature to implement inline Intrusion Prevention System
- D. using the SDM configuration tool to reduce training costs
- E. using the high performance AIM to increase the Cisco IOS Firewall performance

Answer: D

15. Which two of these statements best describe the benefits of WPAv1? (Choose two.)

- A. SSID broadcast prevention
- B. improved mutual authentication
- C. improved encryption through AES
- D. improved protection against sniffing initialization vectors

E. RF jamming prevention

Answer: BD

16. Which two of these statements best describe the benefits of the Cisco Compatible Extensions Program? (Choose two.)

A. offers a feature-rich implementation alternative to Wi-Fi certification

B. accelerates the availability of innovative features while maintaining interoperability

C. provides innovative features only on Cisco's wireless client adapters

D. provides an evolving set of specifications for interoperability

E. eliminates the need for testing by providing innovative features to wireless client vendors through a one-time license fee

Answer: BD

17. Which of these is the Cisco IOS Firewall feature that creates specific security policies for each user with LAN-based, dynamic, per-user authentication and authorization?

A. DDoS Mitigation

B. Cisco Security Agent

C. Intrusion Prevention System

D. Authentication Proxy

E. Context-based Access Control

F. Monitoring, Analysis and Response System

Answer: D

18. Which three of these features are supported on the Cisco VPN software client release 4.0.5? (Choose three.)

A. application programming interface which allows you to control operation of the VPN client from another application

B. integrated personal firewall

C. transparent tunneling-IPSec over UDP and IPSec over TCP

D. provides automatic software updates for Windows 2000 and Windows XP

E. load balancing and backup server support

Answer: BCE

19. Which of these is the Cisco IOS feature that allows you to create secure site-to-site VPNs?

A. GRE

B. IPSec

C. L2TP

D. MPLS

E. AToM

F. pseudo wire

Answer: B

20. Which two of these statements best describe the benefits of WPA2? (Choose two.)

A. SSID broadcast prevention

B. man-in-the-middle attack protection

C. cost reduction through software upgrades in all existing hardware

D. dynamic key generation

E. RF jamming prevention

Answer: BD

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