



[Cisco 642-381](#)

Exam Name: FoundFE Foundation Express for Field Engineers

Q & A : 78 Q&As

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Exam : Cisco 642-381

Title : Cisco(r) FoundFE Foundation Express for Field Engineers

1. Which two statements best describe the wireless implementation of Cisco Aironet root and non-root bridging? (Choose two.)

- A. Point-to-point access points can be used if one is root and the other is non-root.
- B. WGB can be used with an access point if the distance is less than one mile.
- C. Root mode must be enabled only on one side in a point-to-point link to interoperate with other vendors and comply with 802.11.
- D. Up to 17 non-root bridges can associate to a root bridge.
- E. Point-to-point WGB can be used if total number of PCs is fewer than eight.

Answer: BD

2. When using the Site to Site VPN wizard in Cisco Router and Security Device Manager, why would you need to create an access list

using the Add a Rule screen?

- A. to open holes on the firewall to permit ISAKMP, ESP, and AH traffic
- B. to define the traffic that will be protected by IPSec
- C. to specify a range of IP addresses on the inside interface
- D. to specify the remote-peer IP address range
- E. to enable split tunneling

Answer: B

3. Which two items have the most influence on an outdoor wireless antenna bridge-path installation? (Choose two.)

- A. snow
- B. Earth's curvature
- C. lightning
- D. Fresnel zone
- E. rain

Answer: BD

4. Which two statements best describe the installation of Cisco Aironet LAN Client Adapters? (Choose two.)

- A. Cisco ACAU automates the deployment of Cisco ADU.
- B. Cisco ACAU automates the deployment of Cisco ACU.
- C. Cisco ADU is for the 802.11a/b/g radio client card.
- D. Cisco ACU is for the 802.11a/b/g radio client card.

Answer: AC

5. Which four features can be configured using Cisco Router and Security Device Manager version 2.1.1? (Choose four.)

- A. IP multicast routing (PIM)
- B. IPS
- C. Easy VPN Remote and Easy VPN Server
- D. static routes and IGP routing protocols (OSPF, RIP, EIGRP)
- E. SSL VPN (WebVPN)
- F. AAA

Answer: BCDF

6. Refer to the exhibit. According to the Cisco VPN Client software outputs shown, which two statements are correct about the connection entry named isr? (Choose two.)

- A. HMAC-SHA1 is used to authenticate the remote users.
- B. Preshared key is used to authenticate the remote peer.
- C. AES is used to provide data confidentiality.
- D. The Cisco VPN Client software is assigned an internal IP address of 192.168.1.1.
- E. The PC that is running the Cisco VPN Client software will not have access to the local LAN once the PC is connected into the VPN.

Answer: BE

7. When using Cisco Router and Security Device Manager to configure AAA login authentication policies, which four methods are available? (Choose four.)

- A. group RADIUS: use a list of RADIUS hosts
- B. group TACACS+: use a list of TACACS+ hosts
- C. enable: use enable password
- D. otp: use one-time password
- E. local: use local database
- F. default: use line password

Answer: ABCE

8. You are migrating the network design from using point security products (perimeter router, firewall, VPN router, IPS) to an integrated security solution using the Cisco ISR. During the migration process, you determine that you need to improve the VPN performance. What can you do?

- A. Upgrade the Cisco IOS image on the ISR to the V3PN bundle.
- B. Increase the RAM on the ISR.
- C. Install the AIM-VPN/EP11-PLUS on the ISR.
- D. Use AES encryption instead of 3DES.
- E. Enable transparent tunneling using IPSec over TCP.
- F. Enable transparent tunneling using IPSec over UDP.

Answer: C

9. Remote-access VPN users are using Cisco VPN Client software. Which VPN configuration option in the Cisco Router and Security Device Manager should be enabled to allow the users to connect?

- A. SSL VPN
- B. Easy VPN Remote
- C. Easy VPN Server
- D. Dynamic Multipoint VPN
- E. GRE over IPSec
- F. V3PN

Answer: C

10. Refer to the exhibit. You are asked to implement a network design that consists of two sites, the main office and one branch office connected via the Internet. Communications between these sites must be secure. The main office site also supports 30 local users and 15 remote mobile workers. Before gaining access to the internal network, both the local users and the mobile workers should be authenticated using a scalable solution. Before you begin the implementation, you need to identify which security component is missing in the design.

- A. Cisco VPN 3000 Series Concentrator
- B. ACS
- C. network-based IDS
- D. Cisco PIX Security Appliance
- E. 802.1x authenticator
- F. CBAC on the perimeter router

Answer: B

11. When will you need to enable the transparent tunneling feature on the Cisco VPN Client software?

- A. to enable DMVPN
- B. to enable dynamic routing over the IPSec tunnel using GRE
- C. to enable V3PN
- D. if the IPSec-protected traffic is going through a router that is performing NAT or PAT
- E. if IPSec is using tunnel mode instead of transport mode

Answer: D

12. The Cisco Aironet 802.11a/b/g Wireless LAN Client Adapter has two LEDs. Which two situations indicate that the card is associated to an access point and is working properly? (Choose two.)

- A. green LED off; amber LED solid
- B. green LED off; amber LED blinking sporadically
- C. green LED blinking fast; amber LED blinking fast
- D. green LED blinking slowly; amber LED blinking slowly
- E. green LED blinking slowly; amber LED blinking fast

Answer: CD

13. Which two features are only supported when using the Cisco Router and Security Device Manager (SDM) Advanced Firewall wizard and not supported when using the Cisco SDM Basic Firewall wizard? (Choose two.)

- A. deep-packet inspections
- B. IP unicast Reverse Path Forwarding on the outside (untrusted) interface
- C. DMZ services
- D. custom inspection rules
- E. proxy authentication

Answer: CD

14. When using Cisco Router and Security Device Manager (SDM) to configure IPS, what must you do first before you can select Configure > Signature to edit any signatures?

- A. Select Configure > Global Settings to enable IPS globally on the router.
- B. Select Configure > Global Settings to disable the Failed Closed option.
- C. Select Configure > Global Settings to point Cisco SDM to the ips.tar file in the router Flash memory.
- D. Select Configure > Rules to create the inbound and/or outbound filter to determine which traffic will be scanned by IPS.
- E. Select Configure > Rules to enable an interface for inbound and/or outbound IPS.

Answer: E

15. After performing a security audit in Cisco Router and Security Device Manager (SDM), you receive this as one of the results: Enable Unicast RPF on all outside interfaces - Not Passed

Which Cisco SDM configuration wizard can be use to resolve this?

- A. Easy VPN Server
- B. Basic Firewall
- C. Edit Interface/Connection
- D. Site to Site VPN
- E. Routing
- F. NAT

Answer: B

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