

Cisco

300-209 Exam

Cisco Implementing Cisco Secure Mobility Solutions Exam

**Questions & Answers
Demo**

Version: 22.0

Question: 1

Where must an engineer configure a preshared key for site-to-site VPN tunnel configured on a Cisco ASA?

- A. crypto map
- B. group policy
- C. tunnel group
- D. isakmp policy

Answer: C

Question: 2

You need to configure your company's client VPN access to send antivirus client update traffic directly to a vendor's cloud server. All other traffic must go to the corporate network. Which feature do you configure?

- A. split tunnel
- B. smart tunnel
- C. full tunnel
- D. Split DNS

Answer: A

Question: 3

Refer to the exhibit.

```
crypto isakmp key cisco123 address 172.16.0.0
```

Which result of running the command is true?

- A. authenticates the IKEv2 peers in the 172.16.0.0/16 range by using the cisco123 key
- B. secures all the certificates in the IKE exchange by using the cisco123 key
- C. authenticates the IKEv1 peers in the 172.16.0.0/16 range by using the cisco123 key
- D. authenticates the IP address of the 172.16.0.0/32 peer by using the cisco123 key

Answer: C

Question: 4

Which two features are available in the Plus license for Cisco AnyConnect? (Choose two.)

- A. Suite B cryptography
- B. IPsec IKEv2
- C. Clientless SSL VPN
- D. Network Access Manager
- E. posture services

Answer: DE

Question: 5

Which VPN technology preserves IP headers and prevents overlay routing?

- A. site-to-site VPN
- B. GET VPN
- C. Cisco Easy VPN
- D. DMVPN

Answer: B

Question: 6

Which cryptographic method provides passphrase protection while importing or exporting keys?

- A. AES
- B. RSA
- C. Serpent
- D. Blowfish

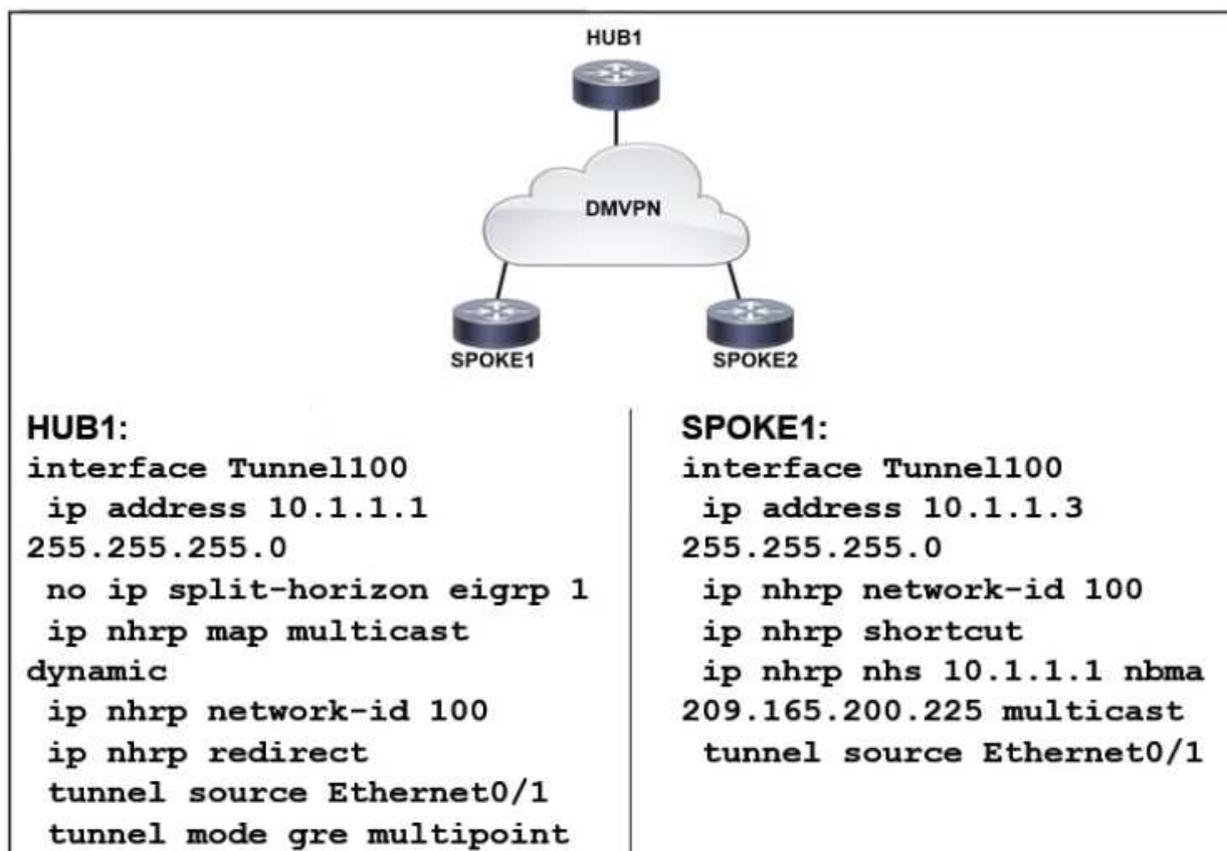
Answer: B

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_pki/configuration/xen-3s/sec-pki-xe-3sbook/sec-deploy-rsa-pki.pdf

Question: 7

Refer to the exhibit.



You are implementing DMVPN Phase 3 in an existing network that uses DMVPN Phase1. You configure NHRP, but the creation of the spoke-to-spoke tunnel fails. Which action do you take to resolve the issue?

- A. Remove the multicast flag from the NHRP configuration.
- B. Configure the tunnel of the hub by using point-to-point tunnel mode.
- C. Configure the tunnel of the spoke by using mGRE tunnel mode.
- D. Remove NHRP redirects from the hub configuration.

Answer: C

Explanation:

Reference: <http://www.patrickdenis.biz/blog/dmvpn-phase-1-2-and-3/>

Question: 8

What is a functional difference between IKEv1 and IKEv2 on a router?

- A. HSRP
- B. RRI
- C. DPD
- D. Stateful Failover

Answer: C

Explanation:

Reference: https://www.cisco.com/en/US/docs/ios-xml/ios/sec_conn_ikevpn/configuration/15-1mt/Configuring_Internet_Key_Exchange_Version_2.html

Question: 9

Which two descriptions of the characteristics of Cisco GET VPN are true? (Choose two.)

- A. provides a tunnelless transport mechanism
- B. encrypts the data payload and IP header of a packet

- C. requires that GRE tunnels exist between participating routers
- D. uses a common set of traffic encryption keys shared by group members
- E. uses VTIs to establish IPsec tunnels

Answer: AD

Explanation:

Reference: <https://www.cisco.com/c/en/us/products/collateral/security/group-encrypted-transport-vpn/>

deployment_guide_c07_554713.pdf

Question: 10

Refer to the exhibit.

```
R1# show crypto isakmp sa
IPv4 Crypto ISAKMP SA
dst          src          state          conn-id status
209.165.200.230 209.165.201.10 MM_KEY_EXCH    1005 ACTIVE
209.165.201.10 209.165.200.230 MM_KEY_EXCH    1004 ACTIVE
```

You are implementing an IKEv1 IPsec tunnel between two Internet routers by using PSKs. After the configuration is complete, the IPsec VPN tunnel fails to negotiate. What must be configured to resolve the issue?

- A. matching PSKs on both routers
- B. matching ISAKMP policies on both routers
- C. correct tunnel destinations on both routers
- D. ISAKMP identity for both routers

Answer: B
