

# Cisco

## 300-209 Exam

### Cisco Implementing Cisco Secure Mobility Solutions Exam



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## Version: 20.0

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### Question: 1

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Which encryption algorithm does Cisco recommend that you avoid?

- A. HMAC-SHA1
- B. AES-CBC
- C. DES
- D. HMAC-MD5

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**Answer: C**

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### Question: 2

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What are two benefits of using DTLS when implementing a Cisco AnyConnect SSI VPN on a Cisco ASA or router?

(Choose two.)

- A. provides latency avoidance
- B. has enhanced dead peer detection
- C. uses TLS Only for the tunnel
- D. provides greater security and integrity of the tunnel
- E. establishes two simultaneous tunnels

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**Answer: A, B**

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### Question: 3

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An engineer is troubleshooting an IPsec site-to-site tunnel and verifies that the tunnel status is MM\_WAIT\_MSG6. What can be determined from this message?

- A. The PSK has not been confirmed by the responder.
- B. The encryption policy has not been confirmed by the initiator.
- C. The encryption policy has not been confirmed by the responder.
- D. The PSk has not been confirmed by the initiator

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**Answer: B**

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### Question: 4

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Which cryptographic algorithm is used for data integrity?

- A. SHA-256

- B. ECDH-384
- C. ECDSA-256
- D. RSA-3072

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**Answer: A**

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**Question: 5**

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An engineer is configuring a site-t-site VPM tunnel. Which two IKV1 parameter must match on both peers? (Choose two.)

- A. encryption algorithm
- B. access lists
- C. encryption domains
- D. QoS
- E. hashing method

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**Answer: A, E**

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**Question: 6**

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A network engineer is troubleshooting a VPN configured on an ASA and has found Phase 1 is not completing. Which configured parameter must match for the IKE Phase 1 tunnel to get successfully negotiated/

- A. SA lifetime
- B. idle timeout
- C. transform-set
- D. DH group

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**Answer: D**

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**Question: 7**

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An engineer must set up a site-to-site VPN implementation with an any-to-any topology that provides secures routing across the router backbone. Which VPN technology allows a shared IPsec SA to be used?

- A. FilexVPN
- B. IPsec VPN
- C. GET VPN
- D. DMVPN

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**Answer: C**

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**Question: 8**

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An engineer must configure GET VPN transverse over the network between corporate offices. Which two options are key advantages to choosing GET VPN? (Choose two.)

- A. GET VPN has unique session keys for improved security.
- B. GET VPN supports multicast.
- C. GET VPN supports a hub and-spoke topology.
- D. GET VPN QoS support.
- E. GET VPN is highly scalable any to an mesh topology

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**Answer: B, D**

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**Question: 9**

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What does DAKI stand for?

- A. Device and Report Tool
- B. Diagnostic AnyConnect Reporting Tool
- C. Diagnostics and Reporting Tool
- D. Delivery and Reporting Tool

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**Answer: C**

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**Question: 10**

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When you configure an access list on the external interface of a FlexVPN hub, which step is optional?

- A. allowing IP protocol 50
- B. allowing ICMP protocol
- C. allowing UDP port 500
- D. allowing UDP port 4500

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**Answer: B**

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**Question: 11**

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Within a PKI system, which option is a trusted entity?

- A. registration authority
- B. root certificate
- C. certificate authority
- D. RSA authentication server

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**Answer: C**

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**Question: 12**

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What are two features of Cisco GET VPN? (Choose two.)

- A. allows for optimal routing
- B. uses public Internet
- C. provides encryption for MP\_S
- D. provides point-to-point IPsec SA
- E. uses MGRE

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**Answer: A, C**

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**Question: 13**

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A company's remote locations connect to data centers via MPLS. A new request requires that unicast traffic that exist the remote location be encrypted. Which no tunneled technology can be used to satisfy this requirement?

- A. SSL
- B. GET VPN
- C. DMVPN
- D. EzVPN

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**Answer: B**

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**Question: 14**

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Why must a network engineer avoid usage of the default X509 certificate when implementing clientless SSLVPN on an ASA?

- A. The certificate is too weak to provide adequate security.
- B. The certificate is regenerated at each reboot.
- C. The certificate must be managed by the local CA.
- D. The default X.509 certificate is not supported for SSLVPN.

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**Answer: C**

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**Question: 15**

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A customer requires site-to-site VPNs to connect third-party business partners and has purchased two ASAs. The customer requests an active/active configuration.

Which model is needed to support an active/active solution?

- A. NAT context
- B. single context
- C. multiple context

D. PAT context.

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**Answer: C**

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**Question: 16**

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From the CLI of a Cisco ASA 5520, which command shows specific information about current clientless and Cisco Anyconnect SSL VPN users only?

- A. show crypto ikve1 sa detail
- B. show vpn-sessiondb remote
- C. show vpn-sessiondb
- D. show von-sessiondb detail

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**Answer: D**

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**Question: 17**

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Which option is one of the difference between FlexVPN and DMVPN?

- A. flexvpn uses ikev2 and dmvpn can use ikev1 or ikev2
- B. dmvpn can use ikev1 and ikev2 where flexvpn only uses ikev1
- C. flexvpn can use ikev1 and ikev2 where dmvpn uses only ikev2
- D. dmvp uses ikev1 and flexvpn use ikev3

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**Answer: A**

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**Question: 18**

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Which two attributes can be matched from the identity of the remote peer when using IKEv2 Name Manager? (Choose two.)

- A. fqdn
- B. hostname
- C. IP address
- D. kerberos

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**Answer: AB**

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**Question: 19**

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Which command will allow a referenced ASA interface to become accessible across a site-to-site VPN?

- A. access-list 101 extended permit ICMP any any
- B. crypto map vpn 10 match address 101

- C. crypto map vpn interface inside
- D. management-access <interface name>

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**Answer: B**

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**Question: 20**

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An engineer is configuring SSL VPN to provide access to a corporate network for remote users. Traffic destined to the enterprise IP range should go over the tunnel and all other traffic should go directly to the internet.

Which feature should be configured?

- A. dual-horning
- B. hairpinning
- C. split-tunnel
- D. U-turning

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**Answer: C**

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**Question: 21**

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Which option is the main difference between GET VPN and DMVPN?

- A. AES encryption support
- B. dynamic spoke-to-spoke tunnel communications
- C. Next Hop Resolution Protocol
- D. Group Domain of Interpretation protocol

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**Answer: B**

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**Question: 22**

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An engineer is configuring IPsec VPN and wants to choose an authentication protocol that is reliable supports ACK and sequence. Which protocol accomplishes this goal?

- A. ESP
- B. AES-192
- C. IKEv1
- D. AES-256

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**Answer: A**

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**Question: 23**

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While attempting to establish a site-to-site VPN, the engineer notices that phase 1 of the VPN tunnel fails. The engineer wants to run a capture to confirm that the outside interface is receiving phase

1 information from the thirdparty peer address. Which command must be run on the ASA to verify this information?

- A. capture capin interface outride match ipsec any any
- B. capture capin interface outride match gre any any
- C. capture capin interface outside match ah any any
- D. capture capin interface outside match udp any eq 500 any eq 500
- E. capture capin interface outside match Udp any eq 123 any eq 121

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**Answer: D**

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**Question: 24**

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An engineer notices that while an employee is connected remotely, all traffic is being routed to the corporate network. Which split-tunnel policy allows remote client to use their local provider for Internet access when working from home?

- A. No policy allows that type of configuration
- B. tunnelspecified
- C. excludespecified
- D. tunnelall

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**Answer: B**

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**Question: 25**

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Mobile work force client are using Cisco Encryption for AnyConnect for remote access to the corporate network. In a attempt to save bandwidth on the internet circuit, those working remotely are permitted use to their local connectivity for internet use white still connect to the corporate network. Which feature allows distinct destination to be encryption on the remote client?

- A. DART
- B. Split Tuning
- C. NAT Exempt
- D. Kerberos

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**Answer: B**

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