

# Implementing Cisco Secure Mobility Solutions

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### Question 1

Which two are characteristics of GETVPN? (Choose two.)

#### Options:

- A. The IP header of the encrypted packet is preserved
- B. A key server is elected among all configured Group Members
- C. Unique encryption keys are computed for each Group Member
- D. The same key encryption and traffic encryption keys are distributed to all Group Members

Answer: A, D

### Question 2

A company has decided to migrate an existing IKEv1 VPN tunnel to IKEv2. Which two are valid configuration constructs on a Cisco IOS router? (Choose two.)

#### Options:

A. `crypto ikev2 keyring keyring-name`

`peer peer1`

`address 209.165.201.1 255.255.255.255`

`pre-shared-key local key1`

`pre-shared-key remote key2`

B. `crypto ikev2 transform-set transform-set-name`

`esp-3des esp-md5-hmac`

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espies esp-sha-hmac

C. crypto ikev2 map crypto-map-name

set crypto ikev2 tunnel-grogp tunnel-grogp-name  
set crypto ikev2 transform-set transform-set-name

D. crypto ikev2 tunnel-grogp tunnel-grogp-name

match identity remote address 209.165.201.1  
authentication local pre-share  
authentication remote pre-share

E. crypto ikev2 profile profile-name

match identity remote address 209.165.201.1  
authentication local pre-share  
authentication remote pre-share

**Answer: A, E**

### Question 3

Which for activities does the Key Server perform in a GETVPN deployment? (Choose for.)

**Options:**

- A. authenticates group members
- B. manages security policy
- C. creates group keys
- D. distributes policy/keys
- E. encrypts endpoint traffic
- F. receives policy/keys
- G. defines group members

**Answer: A, B, C, D**

### Question 4

Where is split-tunneling defined for remote access clients on an ASA?

**Options:**

- A. Group-policy
- B. Tunnel-group
- C. Crypto-map
- D. Web-VPN Portal
- E. ISAKMP client

**Answer: A**

**Question 5**

Which of the following could be used to configure remote access VPN Host-scan and pre-login policies?

**Options:**

- A. ASDM
- B. Connecton-profile CLI command
- C. Host-scan CLI command under the VPN group policy
- D. Pre-login-check CLI command

**Answer: A**

**Question 6**

In FlexVPN, what command can an administrator use to create a virtual template interface that can be configured and applied dynamically to create virtual access interfaces?

**Options:**

- A. interface virtual-template number type template
- B. interface virtual-template number type tunnel
- C. interface template number type virtual
- D. interface tunnel-template number

**Answer: B**

**Explanation:**

Here is a reference an explanation that can be included with this test.

[http://www.cisco.com/en/US/docs/ios-xml/ios/sec\\_conn\\_ike2vpn/configuration/15-2mt/sec-fex-spoke.html#GUID-](http://www.cisco.com/en/US/docs/ios-xml/ios/sec_conn_ike2vpn/configuration/15-2mt/sec-fex-spoke.html#GUID-4A10927D-4C6A-4202-B01C-DA7E462F5D8A)

[4A10927D-4C6A-4202-B01C-DA7E462F5D8A](http://www.cisco.com/en/US/docs/ios-xml/ios/sec_conn_ike2vpn/configuration/15-2mt/sec-fex-spoke.html#GUID-4A10927D-4C6A-4202-B01C-DA7E462F5D8A)

Conferring the Virtual Tunnel Interface on FlexVPN Spoke

**SUMMARY STEPS**

1. enable
2. configure terminal
3. interface virtual-template number type tunnel
4. IP unnumbered tunnel number
5. IP nhrp network-id number
6. IP nhrp shortcut virtual-template-ngmber
7. IP nhrp redirect [timeout seconds]
8. exit

**Question 7**

In FlexVPN, what is the role of a NHRP resolution request?

**Options:**

- A. It allows these enter to directly communicate without requiring traffic to use an intermediate hop
- B. It dynamically assigns VPN users to a group
- C. It blocks these enter from to directly communicating with each other
- D. It makes sure that each VPN spoke directly communicates with the hub

**Answer: A**

**Question 8**

What are three benefits of deploying a GET VPN? (Choose three.)

**Options:**

- A. It provides highly scalable point-to-point topologies.
- B. It allows replication of packets after encryption.

- C. It is suited for enterprises running over a DMVPN network.
- D. It preserves original source and destination IP address information.
- E. It simplifies encryption management through use of group keying.
- F. It supports non-IP protocols.

**Answer: B, D, E**

### Question 9

What is the default topology type for a GET VPN?

**Options:**

- A. point-to-point
- B. hgb-and-spoke
- C. full mesh
- D. on-demand spoke-to-spoke

**Answer: C**

### Question 10

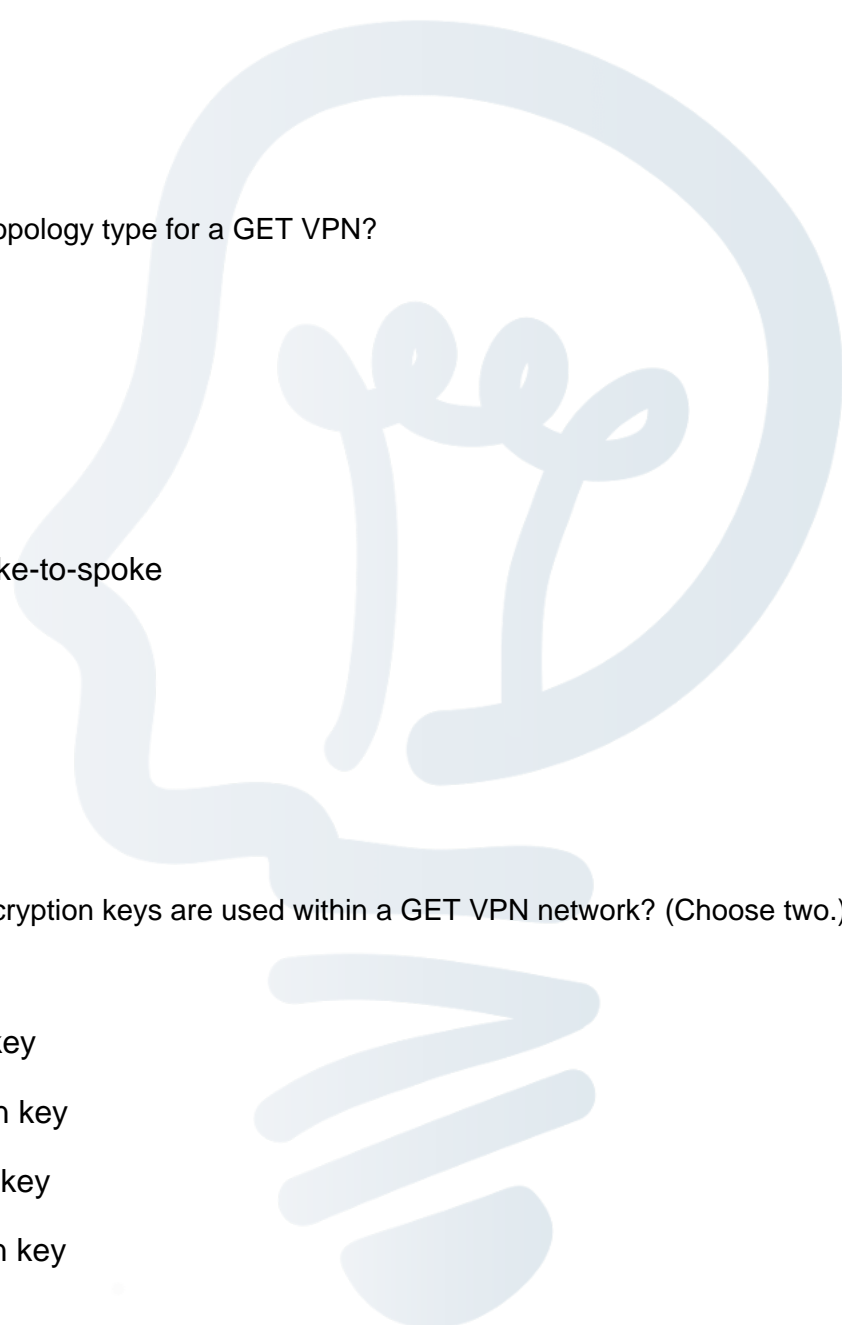
Which two GDOI encryption keys are used within a GET VPN network? (Choose two.)

**Options:**

- A. key encryption key
- B. group encryption key
- C. user encryption key
- D. traffic encryption key

**Answer: A, D**

### Question 11



What are the three primary components of a GET VPN network? (Choose three.)

**Options:**

- A. Group Domain of Interpretation protocol
- B. Simple Network Management Protocol
- C. server load balancer
- D. accounting server
- E. group member
- F. key server

**Answer: A, E, F**

**Question 12**

Which two IKEv1 policy options most match on each peer when you configure an IP sec site-to-site VPN? (Choose two.)

**Options:**

- A. priority number
- B. hash algorithm
- C. encryption algorithm
- D. session lifetime
- E. PRF algorithm

**Answer: B, C**

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