

## Exam Questions 300-730

Implementing Secure Solutions with Virtual Private Networks (SVPN)

<https://www.2passeasy.com/dumps/300-730/>



#### NEW QUESTION 1

On a FlexVPN hub-and-spoke topology where spoke-to-spoke tunnels are not allowed, which command is needed for the hub to be able to terminate FlexVPN tunnels?

- A. interface virtual-access
- B. ip nhrp redirect
- C. interface tunnel
- D. interface virtual-template

**Answer: D**

#### NEW QUESTION 2

Which statement about GETVPN is true?

- A. The configuration that defines which traffic to encrypt originates from the key server.
- B. TEK rekeys can be load-balanced between two key servers operating in COOP.
- C. The pseudotime that is used for replay checking is synchronized via NTP.
- D. Group members must acknowledge all KEK and TEK rekeys, regardless of configuration.

**Answer: A**

#### NEW QUESTION 3

Refer to the exhibit.

```

aaa new-model
!
aaa authorization network local-group-author-list local
!
crypto pki trustpoint trustpoint1
  enrollment url http://192.168.3.1:80
  revocation-check crl
!
crypto pki certificate map certmap1 1
  subject-name co cisco
!
crypto ikev2 authorization policy author-policy1
  ipv6 pool v6-pool
  ipv6 dns 2001:DB8:1::11 2001:DB8:1::12
  ipv6 subnet-acl v6-acl
!
crypto ikev2 profile ikev2-profile1
  match certificate certmap1
  authentication local rsa-sig
  authentication remote rsa-sig
  pki trustpoint trustpoint1
  aaa authorization group cert list local-group-author-list
author-policy1
  virtual-template 1
!
crypto ipsec transform-set transform1 esp-aes esp-sha-hmac
!
crypto ipsec profile ipsec-profile1
  set transform-set trans transform1
  set ikev2-profile ikev2-profile1
!
interface Ethernet0/0
  ipv6 address 2001:DB8:1::1/32
!
interface Virtual-Template1 type tunnel
  ipv6 unnumbered Ethernet0/0
  tunnel mode ipsec ipv6
  tunnel protection ipsec profile ipsec-profile1
!
ipv6 local pool v6-pool 2001:DB8:1::10/32 48
!
ipv6 access-list v6-acl
  permit ipv6 host 2001:DB8:1::20 any
  permit ipv6 host 2001:DB8:1::30 any

```

What is configured as a result of this command set?

- A. FlexVPN client profile for IPv6
- B. FlexVPN server to authorize groups by using an IPv6 external AAA
- C. FlexVPN server for an IPv6 dVTI session
- D. FlexVPN server to authenticate IPv6 peers by using EAP

**Answer:** A

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec\\_conn\\_ike2vpn/configuration/xr-3s/sec-flex-vpn-xr-3s-book/sec-cfg-flex-clnt.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_ike2vpn/configuration/xr-3s/sec-flex-vpn-xr-3s-book/sec-cfg-flex-clnt.html)

#### NEW QUESTION 4

Cisco AnyConnect Secure Mobility Client has been configured to use IKEv2 for one group of users and SSL for another group. When the administrator configures a new AnyConnect release on the Cisco ASA, the IKEv2 users cannot download it automatically when they connect. What might be the problem?

- A. The XML profile is not configured correctly for the affected users.
- B. The new client image does not use the same major release as the current one.
- C. Client services are not enabled.
- D. Client software updates are not supported with IKEv2.

**Answer:** C

#### NEW QUESTION 5

Which two statements about the Cisco ASA Clientless SSL VPN solution are true? (Choose two.)

- A. When a client connects to the Cisco ASA WebVPN portal and tries to access HTTP resources through the URL bar, the client uses the local DNS to perform FQDN resolution.
- B. The rewriter enable command under the global webvpn configuration enables the rewriter functionality because that feature is disabled by default.
- C. A Cisco ASA can simultaneously allow Clientless SSL VPN sessions and AnyConnect client sessions.
- D. When a client connects to the Cisco ASA WebVPN portal and tries to access HTTP resources through the URL bar, the ASA uses its configured DNS servers to perform FQDN resolution.
- E. Clientless SSLVPN provides Layer 3 connectivity into the secured network.

**Answer:** CD

#### NEW QUESTION 6

Which feature allows the ASA to handle nonstandard applications and web resources so that they display correctly over a clientless SSL VPN connection?

- A. single sign-on
- B. Smart Tunnel
- C. WebType ACL
- D. plug-ins

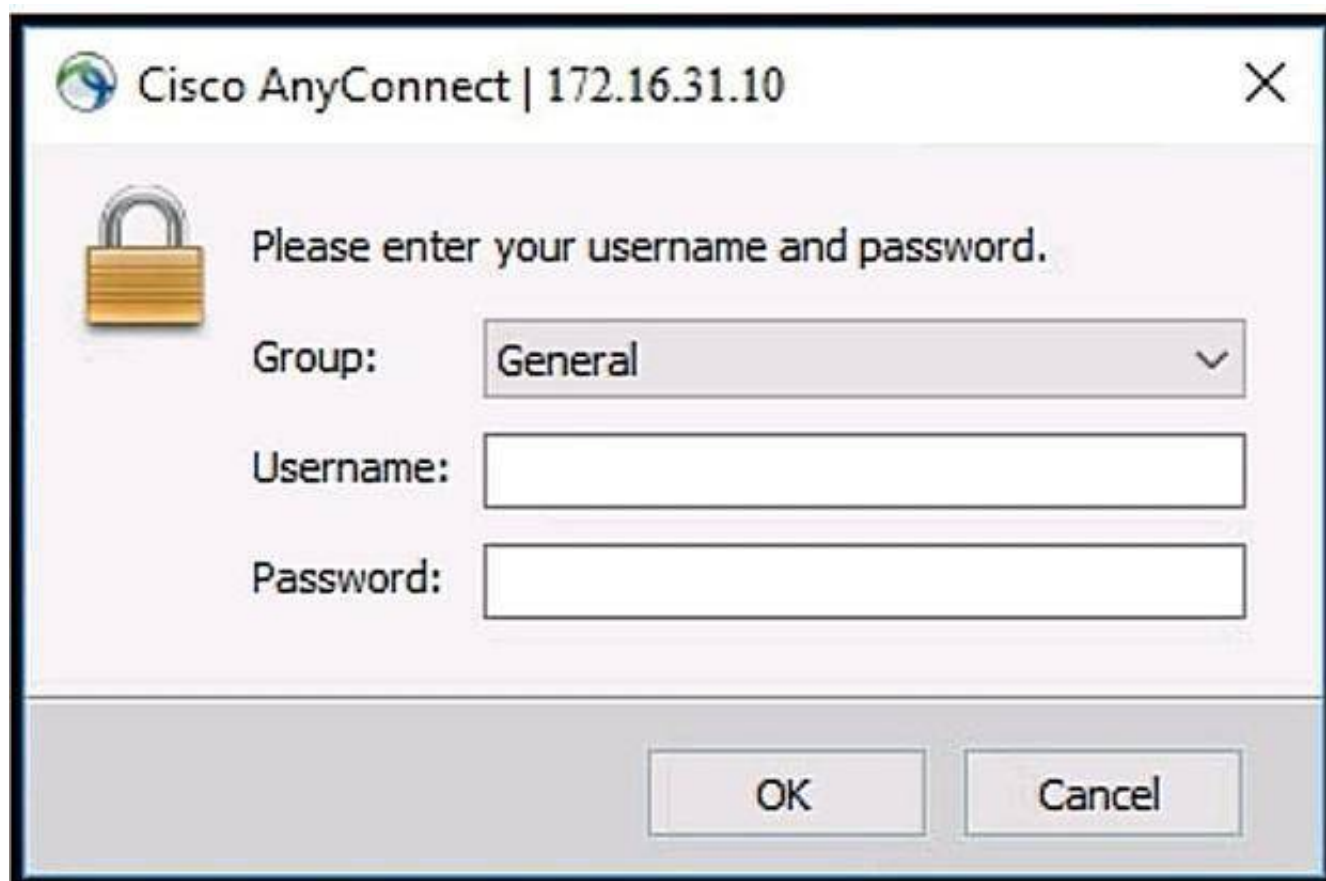
**Answer:** B

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/security/asa/asa90/configuration/guide/asa\\_90\\_cli\\_config/vpn\\_clientless\\_ssl.html#29951](https://www.cisco.com/c/en/us/td/docs/security/asa/asa90/configuration/guide/asa_90_cli_config/vpn_clientless_ssl.html#29951)

#### NEW QUESTION 7

Refer to the exhibit.



Which two commands under the tunnel-group webvpn-attributes result in a Cisco AnyConnect user receiving the AnyConnect prompt in the exhibit? (Choose two.)

- A. group-url https://172.16.31.10/General enable
- B. group-policy General internal
- C. authentication aaa
- D. authentication certificate
- E. group-alias General enable

**Answer:** BE

#### NEW QUESTION 8

Which IKE identity does an IOS/IOS-XE headend expect to receive if an IPsec Cisco AnyConnect client uses default settings?

- A. \*\$SecureMobilityClient\$\*
- B. \*\$AnyConnectClient\$\*
- C. \*\$RemoteAccessVpnClient\$\*
- D. \*\$DfltIkeIdentity\$\*

**Answer:** B

#### Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/security/flexvpn/200555-FlexVPN-AnyConnect-IKEv2-Remote-Access.html>

#### NEW QUESTION 9



Refer to the exhibit.

```
*Jul 16 20:21:25.317: ISAKMP (1004): received packet from 192.168.0.2 dport
500 sport 500 Global (R) MM_KEY_EXCH
*Jul 16 20:21:25.317: ISAKMP: reserved not zero on ID payload!
*Jul 16 20:21:25.317: %CRYPTO-4-IKMP_BAD_MESSAGE: IKE message from 192.168.0.2
failed its sanity check or is malformed
```

Which type of mismatch is causing the problem with the IPsec VPN tunnel?

- A. crypto access list
- B. Phase 1 policy
- C. transform set
- D. preshared key

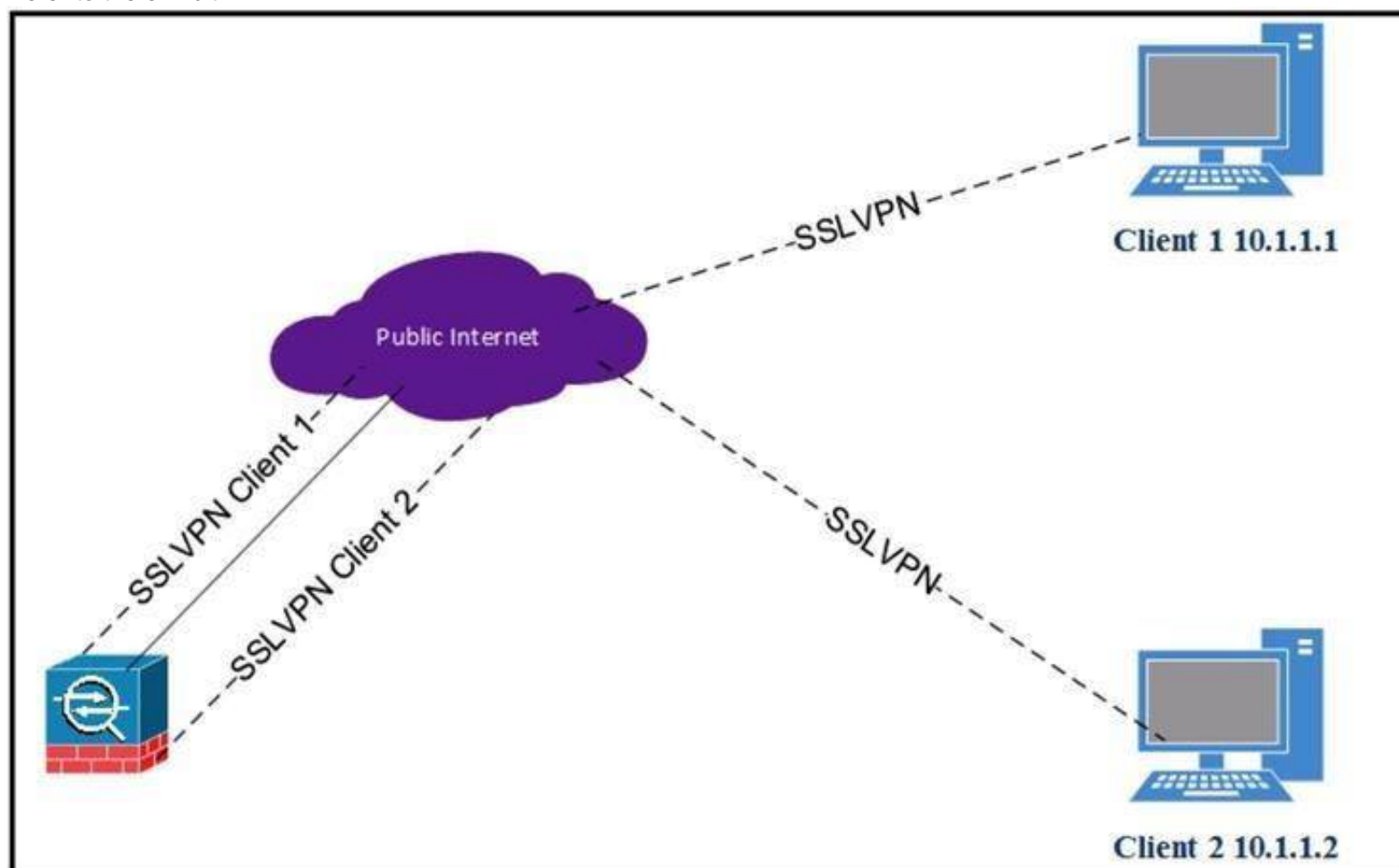
**Answer: D**

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/support/docs/security/vpn/ipsec-negotiation-ike-protocols/5409-ipsec-debug-00.html#ike>

#### NEW QUESTION 10

Refer to the exhibit.



Client 1 cannot communicate with client 2. Both clients are using Cisco AnyConnect and have established a successful SSL VPN connection to the hub ASA. Which command on the ASA is missing?

- A. dns-server value 10.1.1.2
- B. same-security-traffic permit intra-interface
- C. same-security-traffic permit inter-interface
- D. dns-server value 10.1.1.3

**Answer: B**

#### NEW QUESTION 10

What are two functions of ECDH and ECDSA? (Choose two.)

- A. nonrepudiation
- B. revocation
- C. digital signature
- D. key exchange
- E. encryption

**Answer: CD**

**Explanation:**

Reference: [https://tools.cisco.com/security/center/resources/next\\_generation\\_cryptography](https://tools.cisco.com/security/center/resources/next_generation_cryptography)

#### NEW QUESTION 13

What uses an Elliptic Curve key exchange algorithm?

- A. ECDSA
- B. ECDHE
- C. AES-GCM
- D. SHA

**Answer:** B

**Explanation:**

Reference: <https://blog.cloudflare.com/a-relatively-easy-to-understand-primer-on-elliptic-curve-cryptography/>

**NEW QUESTION 14**

Which two remote access VPN solutions support SSL? (Choose two.)

- A. FlexVPN
- B. clientless
- C. EZVPN
- D. L2TP
- E. Cisco AnyConnect

**Answer:** BE

**NEW QUESTION 16**

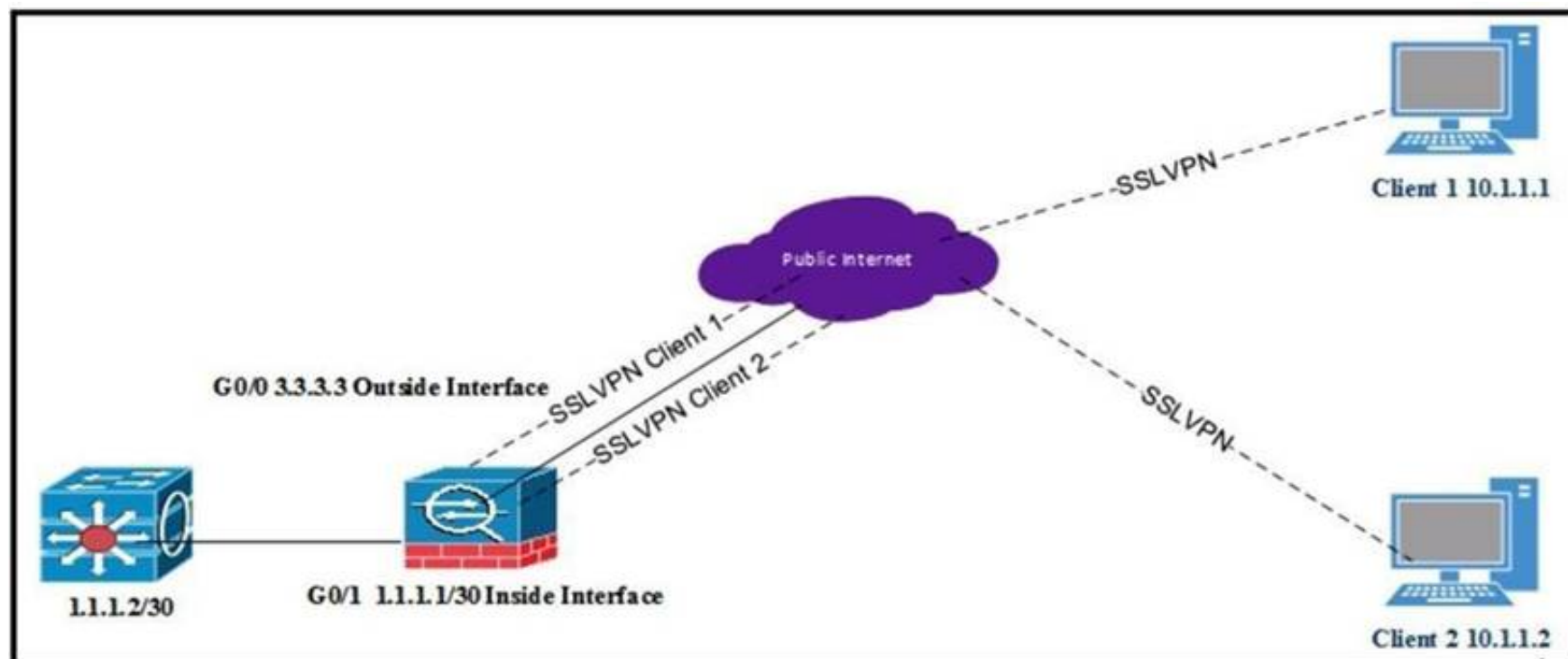
Which two commands help determine why the NHRP registration process is not being completed even after the IPsec tunnel is up? (Choose two.)

- A. show crypto isakmp sa
- B. show ip traffic
- C. show crypto ipsec sa
- D. show ip nhrp traffic
- E. show dmvpn detail

**Answer:** AD

**NEW QUESTION 18**

Refer to the exhibit.



All internal clients behind the ASA are port address translated to the public outside interface that has an IP address of 3.3.3.3. Client 1 and client 2 have established successful SSL VPN connections to the ASA. What must be implemented so that "3.3.3.3" is returned from a browser search on the IP address?

- A. Same-security-traffic permit inter-interface under Group Policy
- B. Exclude Network List Below under Group Policy
- C. Tunnel All Networks under Group Policy
- D. Tunnel Network List Below under Group Policy

**Answer:** D

**NEW QUESTION 22**

Which parameter must match on all routers in a DMVPN Phase 3 cloud?

- A. GRE tunnel key
- B. NHRP network ID
- C. tunnel VRF
- D. EIGRP split-horizon setting

**Answer:** A

**NEW QUESTION 23**

A Cisco ASA is configured in active/standby mode. What is needed to ensure that Cisco AnyConnect users can connect after a failover event?

- A. AnyConnect images must be uploaded to both failover ASA devices.
- B. The vpnsession-db must be cleared manually.
- C. Configure a backup server in the XML profile.
- D. AnyConnect client must point to the standby IP address.

**Answer:** A

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/asa/asa90/configuration/guide/asa\\_90\\_cli\\_config/ha\\_active\\_standby.html](https://www.cisco.com/c/en/us/td/docs/security/asa/asa90/configuration/guide/asa_90_cli_config/ha_active_standby.html)

**NEW QUESTION 25**

Which benefit of FlexVPN is a limitation of DMVPN using IKEv1?

- A. GRE encapsulation allows for forwarding of non-IP traffic.
- B. IKE implementation can install routes in routing table.
- C. NHRP authentication provides enhanced security.
- D. Dynamic routing protocols can be configured.

**Answer:** B

**NEW QUESTION 30**

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