

## Exam Questions 300-730

Implementing Secure Solutions with Virtual Private Networks (SVPN)

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



**NEW QUESTION 1**

DRAG DROP

Drag and drop the correct commands from the right onto the blanks within the code on the left to implement a design that allow for dynamic spoke-to-spoke communication. Not all comments are used.

Select and Place:

**Answer Area**

<pre> Router A interface Tunnell  ip address 10.0.0.1 255.255.255.0  ip nhrp mp multicast dynamic  ip nhrp network-id 1  ip nhrp <input type="text"/>  no ip split-horizon eigrp 10  tunnel source GigabitEthernet1  tunnel mode gre multipoint  interface GigabitEthernet1  ip address 1.1.1.1 255.255.255.0  router eigrp 10  network 10.0.0.0 0.0.0.255  Router B interface Tunnell  ip address 10.0.0.2 255.255.255.0  ip nhrp nhs <input type="text"/> nbma <input type="text"/> multicast  ip nhrp network-id 1  ip nhrp <input type="text"/>  tunnel source GigabitEthernet1  tunnel mode gre multipoint  interface GigabitEthernet1  ip address 2.2.2.2 255.255.255.0  router eigrp 10  network 10.0.0.0 0.0.0.255                 </pre>	<div style="border: 1px solid black; padding: 5px; width: 100px; margin: 5px auto;">1.1.1.1</div> <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 5px auto;">10.0.0.1</div> <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 5px auto;">redirect</div> <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 5px auto;">shortcut</div> <div style="border: 1px solid black; padding: 5px; width: 100px; margin: 5px auto;">server-only</div>
---	--

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec\\_conn\\_dmvpn/configuration/x-16/sec-conn-dmvpn-xe-16-book/sec-conn-dmvpn-summaps.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_dmvpn/configuration/x-16/sec-conn-dmvpn-xe-16-book/sec-conn-dmvpn-summaps.html)

**NEW QUESTION 2**

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 3**

Refer to the exhibit.

```
interface: Tunnell
  Crypto map tag: Tunnell-head-0, local addr 192.168.0.1

protected vrf: (none)
local ident (addr/mask/prot/port): (0.0.0.0/0.0.0.0/0/0)
remote ident (addr/mask/prot/port): (0.0.0.0/0.0.0.0/0/0)
current_peer 192.168.0.2 port 500
  PERMIT, flags={origin_is_acl,}
  #pkts encaps: 0, #pkts encrypt: 0, #pkts digest: 0
  #pkts decaps: 0, #pkts decrypt: 0, #pkts verify: 0
  #pkts compressed: 0, #pkts decompressed: 0
  #pkts not compressed: 0, #pkts compr. failed: 0
  #pkts not decompressed: 0, #pkts decompress failed: 0
  #send errors 0, #recv errors 0

local crypto endpt.: 192.168.0.1, remote crypto endpt.: 192.168.0.2
plaintext mtu 1438, path mtu 1500, ip mtu 1500, ip mtu idb GigabitEthernet1
current outbound spi: 0x3D05D003(1023791107)
PFS (Y/N): N, DH group: none
```

Which two tunnel types produce the show crypto ipsec sa output seen in the exhibit? (Choose two.)

- A. crypto map
- B. DMVPN
- C. GRE
- D. FlexVPN
- E. VTI

**Answer:** BE

#### NEW QUESTION 4

Which two changes must be made in order to migrate from DMVPN Phase 2 to Phase 3 when EIGRP is configured? (Choose two.)

- A. Add NHRP shortcuts on the hub.
- B. Add NHRP redirects on the spoke.
- C. Disable EIGRP next-hop-self on the hub.
- D. Enable EIGRP next-hop-self on the hub.
- E. Add NHRP redirects on the hub.

**Answer:** CE

#### NEW QUESTION 5

Which command identifies a Cisco AnyConnect profile that was uploaded to the flash of an IOS router?

- A. svc import profile SSL\_profile flash:simos-profile.xml
- B. anyconnect profile SSL\_profile flash:simos-profile.xml
- C. crypto vpn anyconnect profile SSL\_profile flash:simos-profile.xml
- D. webvpn import profile SSL\_profile flash:simos-profile.xml

**Answer:** C

#### Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/security/anyconnect-secure-mobility-client/200533-AnyConnect-Configure-Basic-SSLVPN-for-I.html>

#### NEW QUESTION 6

A Cisco AnyConnect client establishes a SSL VPN connection with an ASA at the corporate office. An engineer must ensure that the client computer meets the enterprise security policy. Which feature can update the client to meet an enterprise security policy?

- A. Endpoint Assessment
- B. Cisco Secure Desktop
- C. Basic Host Scan
- D. Advanced Endpoint Assessment

**Answer:** D

#### NEW QUESTION 7

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 8**

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 9**

Which command automatically initiates a smart tunnel when a user logs in to the WebVPN portal page?

- A. auto-upgrade
- B. auto-connect
- C. auto-start
- D. auto-run

**Answer:** C

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/asa/asa91/configuration/vpn/asa\\_91\\_vpn\\_config/webvpn-configure-policy-group.html](https://www.cisco.com/c/en/us/td/docs/security/asa/asa91/configuration/vpn/asa_91_vpn_config/webvpn-configure-policy-group.html)

**NEW QUESTION 10**

Refer to the exhibit.

```
tunnel-group IKEV2 type remote-access
tunnel-group IKEV2 general-attributes
  address-pool split
  default-group-policy GroupPolicy1
tunnel-group IKEV2 webvpn-attributes
  group-alias ikev2 enable

-----

-<HostEntry>
<HostName>ikev2</HostName>
<HostAddress>10.106.45.221</HostAddress>
<UserGroup>ikev2</UserGroup>
<PrimaryProtocol>IPsec</PrimaryProtocol>
</HostEntry>
```

The customer can establish a Cisco AnyConnect connection without using an XML profile. When the host "ikev2" is selected in the AnyConnect drop down, the connection fails. What is the cause of this issue?

- A. The HostName is incorrect.
- B. The IP address is incorrect.
- C. Primary protocol should be SSL.
- D. UserGroup must match connection profile.

**Answer:** D

**Explanation:**

Reference: <https://community.cisco.com/t5/security-documents/anyconnect-xml-settings/ta-p/3157891>

**NEW QUESTION 10**

Refer to the exhibit.

```
HUB configuration:

crypto ikev2 profile default
 match identity remote fqdn domain cisco.com
 identity local fqdn hub.cisco.com
 authentication local rsa-sig
 authentication remote pre-shared-key cisco
 pki trustpoint CA
 aaa authorization group cert list default default
 virtual-template 1

---

SPOKE 1 configuration:

crypto ikev2 profile default
 match identity remote fqdn domain cisco.com
 identity local fqdn spoke.cisco.com
 authentication local rsa-sig
 authentication remote pre-shared-key cisco
 pki trustpoint CA
 aaa authorization group cert list default default
 virtual-template 1

---

SPOKE 2 configuration:

crypto ikev2 profile default
 match identity remote fqdn domain cisco.com
 identity local fqdn spoke2.cisco.com
 authentication local pre-shared-key flexvpn
 authentication remote rsa-sig
 pki trustpoint CA
 aaa authorization group cert list default default
 virtual-template 1
```

What is a result of this configuration?

- A. Spoke 1 fails the authentication because the authentication methods are incorrect.
- B. Spoke 2 passes the authentication to the hub and successfully proceeds to phase 2.
- C. Spoke 2 fails the authentication because the remote authentication method is incorrect.
- D. Spoke 1 passes the authentication to the hub and successfully proceeds to phase 2.

**Answer:** A

#### NEW QUESTION 12

Refer to the exhibit.

An SSL client is connecting to an ASA headend. The session fails with the message "Connection attempt has timed out. Please verify Internet connectivity."  
Based on how the packet is processed, which phase is causing the failure?

- A. phase 9: rpf-check
- B. phase 5: NAT
- C. phase 4: ACCESS-LIST
- D. phase 3: UN-NAT

**Answer:** D

#### NEW QUESTION 16

Which technology works with IPsec stateful failover?

- A. GLBR
- B. HSRP
- C. GRE
- D. VRRP

**Answer:** B

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/ios/12\\_2/12\\_2y/12\\_2yx11/feature/guide/ft\\_vpnha.html#wp1122512](https://www.cisco.com/c/en/us/td/docs/ios/12_2/12_2y/12_2yx11/feature/guide/ft_vpnha.html#wp1122512)

**NEW QUESTION 21**

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 24**

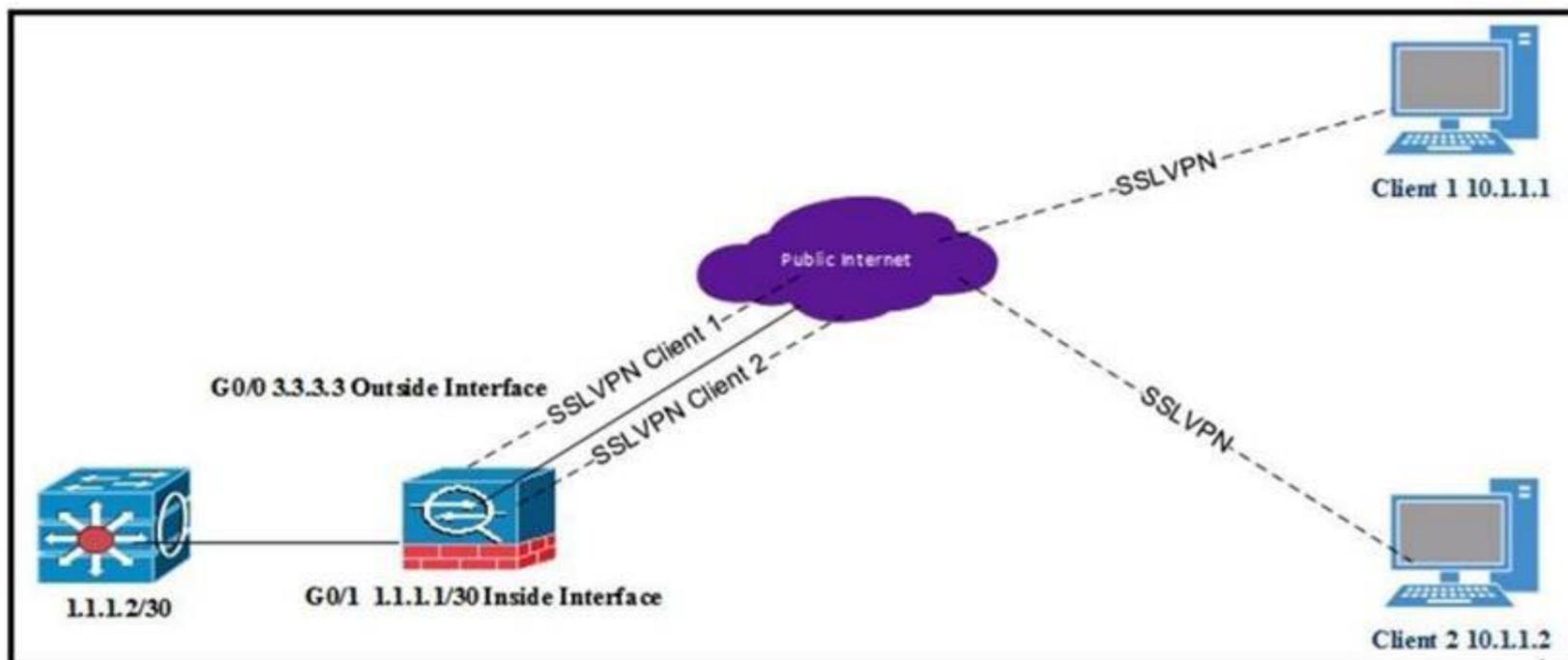
Which two remote access VPN solutions support SSL? (Choose two.)

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

**Answer:** BE

**NEW QUESTION 29**

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 33**

Cisco AnyConnect clients need to transfer large files over the VPN sessions. Which protocol provides the best throughput?

- A. SSL/TLS
- B. L2TP
- C. DTLS
- D. IPsec IKEv1

**Answer:** C

**NEW QUESTION 35**

Which parameter is initially used to elect the primary key server from a group of key servers?

- A. code version
- B. highest IP address
- C. highest-priority value

D. lowest IP address

**Answer:** C

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/products/collateral/security/group-encrypted-transport-vpn/deployment\\_guide\\_c07\\_554713.html](https://www.cisco.com/c/en/us/products/collateral/security/group-encrypted-transport-vpn/deployment_guide_c07_554713.html)

#### NEW QUESTION 40

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 vpn-session-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 43

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 45

Which technology is used to send multicast traffic over a site-to-site VPN?

- A. GRE over IPsec on IOS router
- B. GRE over IPsec on FTD
- C. IPsec tunnel on FTD
- D. GRE tunnel on ASA

**Answer:** B

#### NEW QUESTION 49

Refer to the exhibit.

```
ip access-list extended CCNP
 permit 192.168.0.10
 permit 192.168.0.11

webvpn gateway SSL_Gateway
 ip address 172.16.0.25 port 443
 ssl trustpoint AnyConnect_Cert
 inservice

webvpn context SSL_Context
 gateway SSL_Gateway

 ssl authenticate verify all
 inservice

policy group SSL_Policy
 functions svc-enabled
 svc address-pool "ACPool" netmask 255.255.255.0
 svc dns-server primary 192.168.0.100
 svc default-domain cisco.com
 default-group-policy SSL_Policy
```

Cisco AnyConnect must be set up on a router to allow users to access internal servers 192.168.0.10 and 192.168.0.11. All other traffic should go out of the client's local NIC. Which command accomplishes this configuration?

- A. svc split include 192.168.0.0 255.255.255.0
- B. svc split exclude 192.168.0.0 255.255.255.0
- C. svc split include acl CCNP
- D. svc split exclude acl CCNP

**Answer:** C

#### NEW QUESTION 50

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