

## 300-730 Dumps

# Implementing Secure Solutions with Virtual Private Networks (SVPN)

<https://www.certleader.com/300-730-dumps.html>



**NEW QUESTION 1**

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 2**

Refer to the exhibit.

```
ASA-4-751015 Local:0.0.0.0:0 Remote:0.0.0.0:0 Username:Unknown SA request
rejected by CAC. Reason: IN-NEGOTIATION SA LIMIT REACHED
```

A customer cannot establish an IKEv2 site-to-site VPN tunnel between two Cisco ASA devices. Based on the syslog message, which action brings up the VPN tunnel?

- A. Reduce the maximum SA limit on the local Cisco ASA.
- B. Increase the maximum in-negotiation SA limit on the local Cisco ASA.
- C. Remove the maximum SA limit on the remote Cisco ASA.
- D. Correct the crypto access list on both Cisco ASA devices.

**Answer:** B**NEW QUESTION 3**

Which method dynamically installs the network routes for remote tunnel endpoints?

- A. policy-based routing
- B. CEF
- C. reverse route injection
- D. route filtering

**Answer:** C**Explanation:**Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec\\_conn\\_vpnnav/configuration/12-4t/sec-vpn-availability-12-4t-book/sec-rev-rte-inject.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_vpnnav/configuration/12-4t/sec-vpn-availability-12-4t-book/sec-rev-rte-inject.html)**NEW QUESTION 4**

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 5**

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 6**

Which configuration construct must be used in a FlexVPN tunnel?

- A. EAP configuration
- B. multipoint GRE tunnel interface
- C. IKEv1 policy
- D. IKEv2 profile



Answer: D

#### NEW QUESTION 7

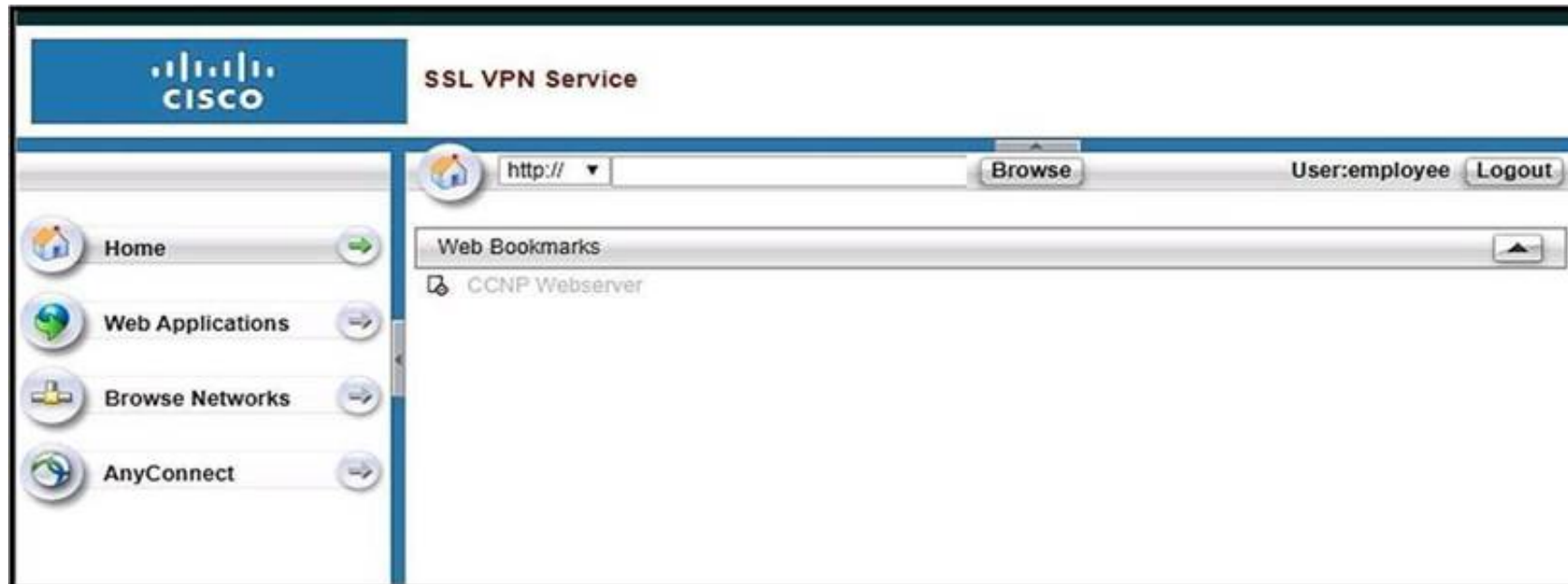
Under which section must a bookmark or URL list be configured on a Cisco ASA to be available for clientless SSLVPN users?

- A. tunnel-group (general-attributes)
- B. tunnel-group (webvpn-attributes)
- C. webvpn (group-policy)
- D. webvpn (global configuration)

Answer: D

#### NEW QUESTION 8

Refer to the exhibit.



Based on the exhibit, why are users unable to access CCNP Webserver bookmark?

- A. The URL is being blocked by a WebACL.
- B. The ASA cannot resolve the URL.
- C. The bookmark has been disabled.
- D. The user cannot access the URL.

Answer: C

#### NEW QUESTION 9

Refer to the exhibit.



The customer must launch Cisco AnyConnect in the RDP machine. Which IOS configuration accomplishes this task?

- A. **crypto vpn anyconnect profile Profile 1 flash:RDP.xml**  
**webvpn context Context1**  
**svc platform win seq 1**  
**policy group PolicyGroup1**  
**functions svc-enabled**
- B. **crypto vpn anyconnect profile Profile 1 flash:RDP.xml**  
**webvpn context Context1**  
**browser-attribute import flash:RDP.xml**
- C. **crypto vpn anyconnect profile Profile 1 flash:RDP.xml**  
**webvpn context Context1**  
**policy group PolicyGroup1**  
**svc profile Profile1**
- D. **crypto vpn anyconnect profile Profile 1 flash:RDP.xml**  
**webvpn context Context1**  
**policy group PolicyGroup1**  
**svc module RDP**

Answer: C

Explanation:

Reference: <https://community.cisco.com/t5/vpn/starting-anyconnect-vpn-through-rdp-session-on-cisco-891/td-p/2128284>

**NEW QUESTION 10**

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 10**

Refer to the exhibit.

```
group-policy DfltGrpPolicy internal
group-policy DfltGrpPolicy attributes
  banner none
  dns-server value 10.10.10.10
  vpn-tunnel-protocol ssl-clientless
  default-domain value cisco.com
  address-pools value ACPool

group-policy Admin_Group internal
group-policy Admin_Group attributes
  vpn-simultaneous-logins 10
  vpn-tunnel-protocol ikev2 ssl-clientless
  split-tunnel-policy tunnelall

tunnel-group Admins type remote-access
tunnel-group Admins general-attributes
  default-group-policy Admin_Group
tunnel-group Admins webvpn-attributes
  group-alias Admins enable

tunnel-group Employee type remote-access
tunnel-group Employee webvpn-attributes
  group-alias Employee enable

webvpn
  enable outside
  anyconnect image disk0:/anyconnect-win-4.7.01076-webdeploy-k9.pkg 1
  anyconnect enable
  tunnel-group-list enable
```

Which VPN technology is allowed for users connecting to the Employee tunnel group?

- A. SSL AnyConnect
- B. IKEv2 AnyConnect
- C. crypto map
- D. clientless

**Answer:** B

#### NEW QUESTION 13

In a FlexVPN deployment, the spokes successfully connect to the hub, but spoke-to-spoke tunnels do not form. Which troubleshooting step solves the issue?

- A. Verify the spoke configuration to check if the NHRP redirect is enabled.
- B. Verify that the spoke receives redirect messages and sends resolution requests.
- C. Verify the hub configuration to check if the NHRP shortcut is enabled.
- D. Verify that the tunnel interface is contained within a VRF.

**Answer:** B

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec\\_conn\\_dmvpn/configuration/15-mt/sec-conn-dmvpn-15-mt-book/sec-conn-dmvpn-summaps.pdf](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_dmvpn/configuration/15-mt/sec-conn-dmvpn-15-mt-book/sec-conn-dmvpn-summaps.pdf)

#### NEW QUESTION 18

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 21

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 22

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 25

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.

```
crypto isakmp policy 10
  encr aes 256
  hash sha256
  authentication pre-share
  group 14

crypto isakmp key cisco address 0.0.0.0

crypto ipsec transform-set TS esp-aes 256 esp-sha256-hmac
  mode transport

crypto ipsec profile CCNP
  set transform-set TS

interface Tunnell
  ip address 10.0.0.1 255.255.255.0
  tunnel source GigabitEthernet1
  tunnel mode ipsec ipv4
  tunnel destination 172.18.10.2
  tunnel protection ipsec profile CCNP
```

Which VPN technology is used in the exhibit?

- A. DVTI
- B. VTI
- C. DMVPN
- D. GRE

**Answer:** B

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec\\_conn\\_vpnips/configuration/zZ-Archive/IPsec\\_Virtual\\_Tunnel\\_Interface.html#GUID-EB8C433B-2394-42B9-997F-B40803E58A91](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_vpnips/configuration/zZ-Archive/IPsec_Virtual_Tunnel_Interface.html#GUID-EB8C433B-2394-42B9-997F-B40803E58A91)

**NEW QUESTION 32**

Which VPN does VPN load balancing on the ASA support?

- A. VTI
- B. IPsec site-to-site tunnels
- C. L2TP over IPsec
- D. Cisco AnyConnect

**Answer:** D

**NEW QUESTION 37**

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 40**

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 42**

What is a requirement for smart tunnels to function properly?



- A. Java or ActiveX must be enabled on the client machine.
- B. Applications must be UDP.
- C. Stateful failover must not be configured.
- D. The user on the client machine must have admin access.

**Answer:** A

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/support/docs/security/asa-5500-x-series-next-generation-firewalls/111007-smart-tunnel-asa-00.html>

**NEW QUESTION 44**

Where is split tunneling defined for IKEv2 remote access clients on a Cisco router?

- A. IKEv2 authorization policy
- B. Group Policy
- C. virtual template
- D. webvpn context

**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 47**

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