

Exam Questions 300-730

Implementing Secure Solutions with Virtual Private Networks (SVPN)

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NEW QUESTION 1

A second set of traffic selectors is negotiated between two peers using IKEv2. Which IKEv2 packet will contain details of the exchange?

- A. IKEv2 IKE_SA_INIT
- B. IKEv2 INFORMATIONAL
- C. IKEv2 CREATE_CHILD_SA
- D. IKEv2 IKE_AUTH

Answer: B

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

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 5

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 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

NEW QUESTION 7

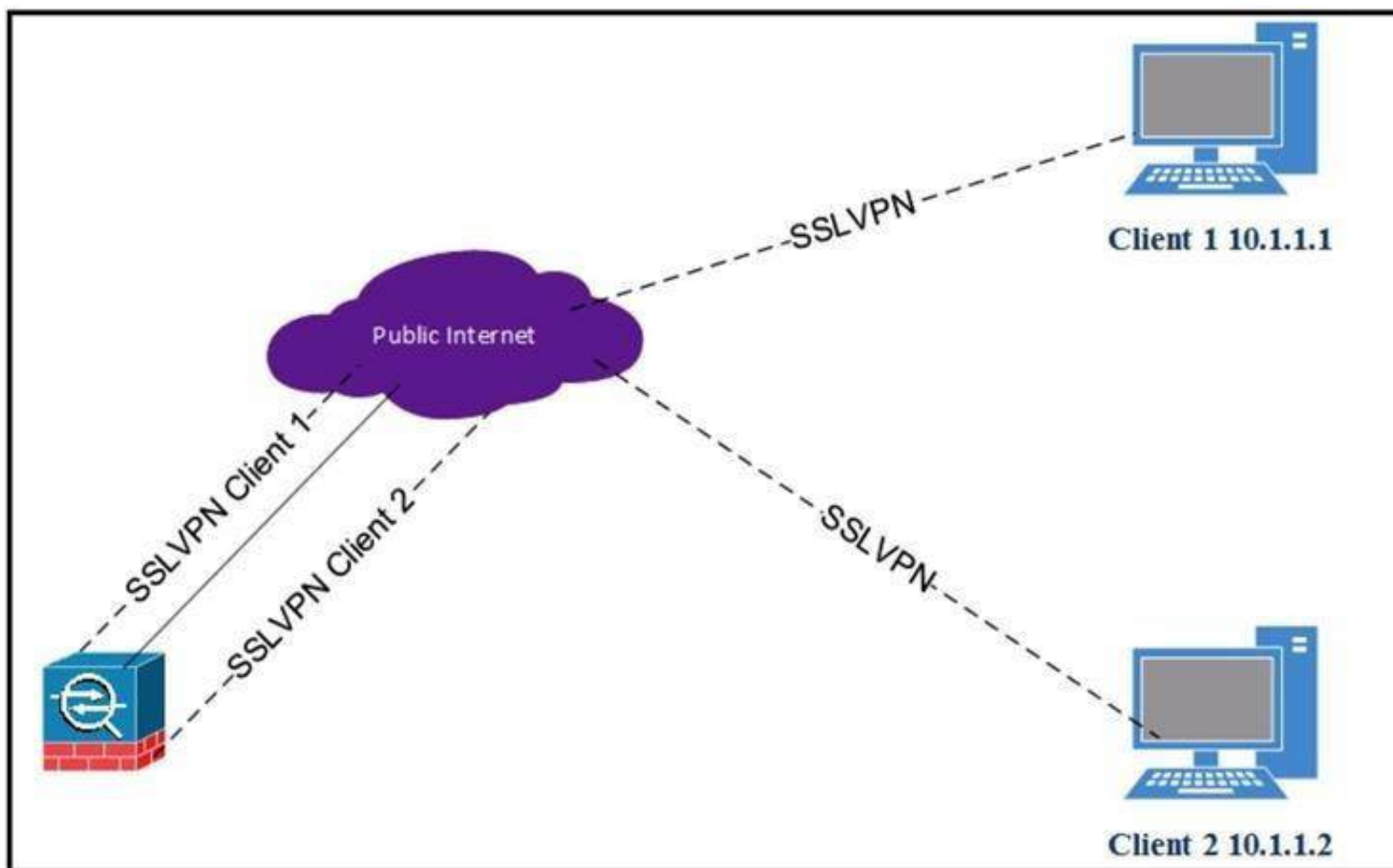
An engineer is troubleshooting a new DMVPN setup on a Cisco IOS router. After the show crypto isakmp sa command is issued, a response is returned of "MM_NO_STATE." Why does this failure occur?

- A. The ISAKMP policy priority values are invalid.
- B. ESP traffic is being dropped.
- C. The Phase 1 policy does not match on both devices.
- D. Tunnel protection is not applied to the DMVPN tunnel.

Answer: B

NEW QUESTION 8

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 9

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 10

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

NEW QUESTION 10

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 12

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 14

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 15

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 18

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