



300-730^{Q&As}

Implementing Secure Solutions with Virtual Private Networks (SVPN)

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QUESTION 1

On an ASA with multiple connection profiles for different departments, what is the best design to ensure that AnyConnect users are assigned the correct connection profile based on their department and do not have the ability to choose a different connection profile?

- A. group URL
- B. group alias
- C. dynamic access policy
- D. certificate mapping

Correct Answer: A

QUESTION 2

A network engineer must configure the Cisco ASA so that Cisco AnyConnect clients establishing an SSL VPN connection create an additional tunnel for real-time traffic that is sensitive to packet delays. If this additional tunnel experiences any issues, it must fall back to a TLS connection. Which two Cisco AnyConnect features must be configured to accomplish this task? (Choose two.)

- A. DTLS
- B. DSCP Preservation
- C. DPD
- D. SSL Rekey
- E. OMTU

Correct Answer: AC

QUESTION 3

Refer to the exhibit.



```
IKEv2:(SESSION ID = 17,SA ID = 1):Processing IKE_AUTH message
IKEv2:IPsec policy validate request sent for profile CloudOne with psh index 1.

IKEv2:(SESSION ID = 17,SA ID = 1):
IKEv2:(SA ID = 1):[IPsec -> IKEv2] Callback received for the validate proposal - FAILED.

IKEv2-ERROR:(SESSION ID = 17,SA ID = 1):: There was no IPSEC policy found for received TS
IKEv2:(SESSION ID = 17,SA ID = 1):Sending TS unacceptable notify
IKEv2:(SESSION ID = 17,SA ID = 1):Get my authentication method
IKEv2:(SESSION ID = 17,SA ID = 1):My authentication method is 'PSK'
IKEv2:(SESSION ID = 17,SA ID = 1):Get peer's preshared key for 68.72.250.251
IKEv2:(SESSION ID = 17,SA ID = 1):Generate my authentication data
IKEv2:(SESSION ID = 17,SA ID = 1):Use preshared key for id 68.72.250.250, key len 5
IKEv2:[IKEv2 -> Crypto Engine] Generate IKEv2 authentication data
IKEv2:[Crypto Engine -> IKEv2] IKEv2 authentication data generation PASSED
IKEv2:(SESSION ID = 17,SA ID = 1):Get my authentication method
IKEv2:(SESSION ID = 17,SA ID = 1):My authentication method is 'PSK'
IKEv2:(SESSION ID = 17,SA ID = 1):Generating IKE_AUTH message
IKEv2:(SESSION ID = 17,SA ID = 1):Constructing IDr payload: '68.72.250.250' of type 'IPv4 address'
IKEv2:(SESSION ID = 17,SA ID = 1):Building packet for encryption.
Payload contents:
  VID IDr AUTH NOTIFY(TS_UNACCEPTABLE)

IKEv2:(SESSION ID = 17,SA ID = 1):Sending Packet [To 68.72.250.251:500/From 68.72.250.250:500/VRF i0:f0]
Initiator SPI : 3D527B1D50DBEEF4 - Responder SPI : 9C693F77F2656636 Message id: 1
IKEv2 IKE_AUTH Exchange RESPONSE
Payload contents:
  ENCR
```

Based on the debug output, which type of mismatch is preventing the VPN from coming up?

- A. interesting traffic
- B. lifetime
- C. preshared key
- D. PFS

Correct Answer: A

TS unacceptable:

The IPsec SA setup has failed due to a mismatch in the policy rule definition between the gateways for the tunnel configuration.

Check the local and remote network configuration on both gateways.

QUESTION 4

Which redundancy protocol must be implemented for IPsec stateless failover to work?

- A. SSO
- B. GLBP
- C. HSRP



D. VRRP

Correct Answer: C

Reference: <https://www.cisco.com/c/en/us/support/docs/security-vpn/ipsec-negotiation-ike-protocols/17826-ipsec-feat.html>

QUESTION 5

An engineer is implementing the FlexVPN solution on a Cisco IOS router. The router must only terminate VPN requests and must not initiate them. Additionally, the interface must support VPNs from other routers and Cisco AnyConnect connections. Which interface type must be configured to meet these requirements?

- A. point-to-point GRE tunnel interface
- B. multipoint GRE tunnel interface
- C. static virtual tunnel interface
- D. virtual template interface

Correct Answer: D

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