

Cisco

Exam Questions 300-730

Implementing Secure Solutions with Virtual Private Networks (SVPN)



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.

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.

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

NEW QUESTION 5

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 6

Which two features provide headend resiliency for Cisco AnyConnect clients? (Choose two.)

- A. AnyConnect Auto Reconnect
- B. AnyConnect Network Access Manager
- C. AnyConnect Backup Servers
- D. ASA failover
- E. AnyConnect Always On

Answer: CD

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.

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 9

Which requirement is needed to use local authentication for Cisco AnyConnect Secure Mobility Clients that connect to a FlexVPN server?

- A. use of certificates instead of username and password
- B. EAP-AnyConnect
- C. EAP query-identity
- D. AnyConnect profile

Answer: D

Explanation:

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

NEW QUESTION 10

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 10

Which command is used to troubleshoot an IPv6 FlexVPN spoke-to-hub connectivity failure?

- A. show crypto ikev2 sa
- B. show crypto isakmp sa
- C. show crypto gkm
- D. show crypto identity

Answer: A

Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/security/flexvpn/116413-configure-flexvpn-00.pdf>

NEW QUESTION 14

Refer to the exhibit.

A site-to-site tunnel between two sites is not coming up. Based on the debugs, what is the cause of this issue?

- A. An authentication failure occurs on the remote peer.
- B. A certificate fragmentation issue occurs between both sides.
- C. UDP 4500 traffic from the peer does not reach the router.
- D. An authentication failure occurs on the router.

Answer: C

NEW QUESTION 19

Refer to the exhibit.

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

Answer: B

Explanation:

If the responder's policy does not allow it to accept any part of the proposed Traffic Selectors, it responds with a TS_UNACCEPTABLE Notify message.

NEW QUESTION 22

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 25

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 27

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

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

Answer: C

Explanation:

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

NEW QUESTION 30

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 31

Refer to the exhibit.

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

NEW QUESTION 34

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 38

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 43

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

NEW QUESTION 44

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

NEW QUESTION 48

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 53

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 57

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 59

Which feature of GETVPN is a limitation of DMVPN and FlexVPN?

- A. sequence numbers that enable scalable replay checking
- B. enabled use of ESP or AH
- C. design for use over public or private WAN
- D. no requirement for an overlay routing protocol

Answer: D

NEW QUESTION 62

Refer to the exhibit.

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 63

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