

Exam Questions 300-730

Implementing Secure Solutions with Virtual Private Networks (SVPN)

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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

```

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 
 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  nbma  multicast
 ip nhrp network-id 1
 ip nhrp 
 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

```

1.1.1.1

10.0.0.1

redirect

shortcut

server-only

- 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/xr-16/sec-conn-dmvpn-xr-16-book/sec-conn-dmvpn-summaps.html

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

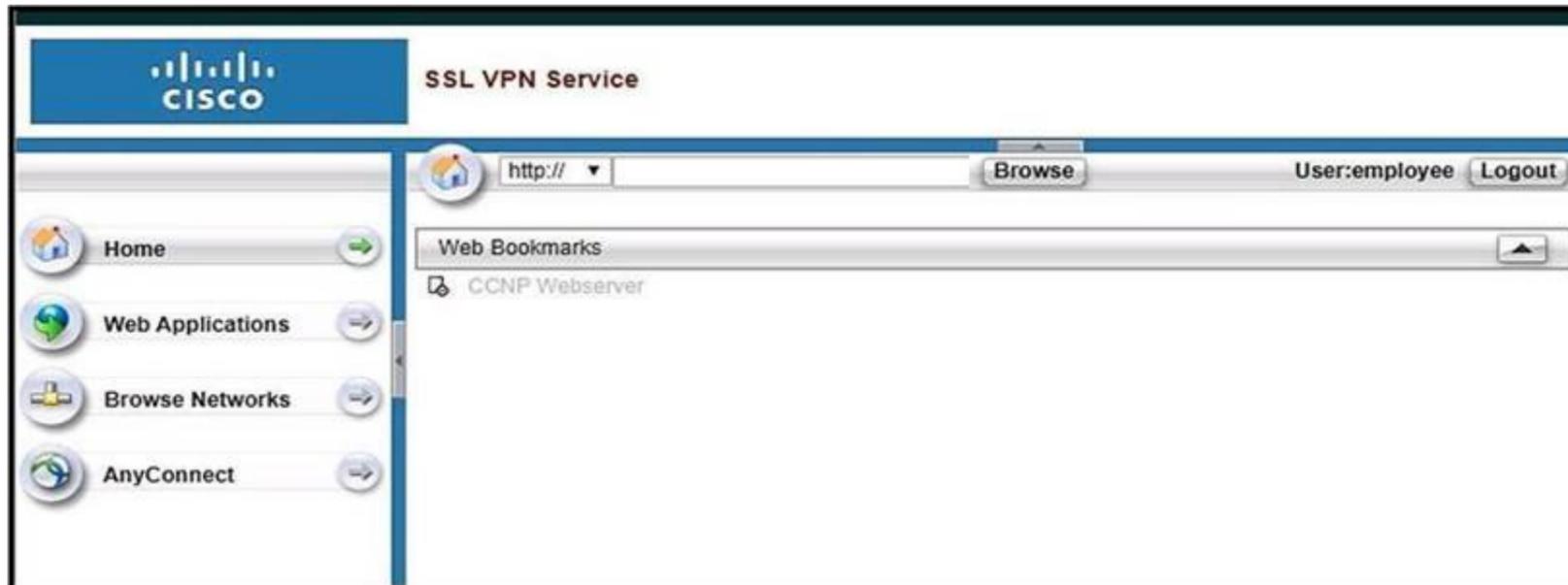
Which configuration construct must be used in a FlexVPN tunnel?

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

Answer: D

NEW QUESTION 4

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 5

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

NEW QUESTION 6

Refer to the exhibit.

```
Spoke1#
local ident (addr/mask/prot/port): (192.168.1.1/255.255.255.255/ 47/0)
remote ident (addr/mask/prot/port): (192.168.2.1/255.255.255.255/ 47/0)
#pkts encaps: 200, #pkts encrypt: 200
#pkts decaps: 0, #pkts decrypt: 0,
local crypto endpt.: 192.168.1.1,
remote crypto endpt.: 192.168.2.1
inbound esp sas:
spi: 034B32CA36 (1261619766)
outbound esp sas:
spi:0xD601918E (1760427022)

Spoke2#
local ident (addr/mask/prot/port): (192.168.2.1/255.255.255.255/ 47/0)
remote ident (addr/mask/prot/port): (192.168.1.1/255.255.255.255/ 47/0)
#pkts encaps: 210, #pkts encrypt: 210,
#pkts decaps: 200, #pkts decrypt: 200,
local crypto endpt.: 192.168.2.1,
remote crypto endpt.: 192.168.1.1
inbound esp sas:
spi: 03D601918E (1760427022)
outbound esp sas:
spi: 034BS2CA36 (1261619766)
```

An engineer is troubleshooting a new GRE over IPsec tunnel. The tunnel is established but the engineer cannot ping from spoke 1 to spoke 2. Which type of traffic is being blocked?

- A. ESP packets from spoke2 to spoke1
- B. ISAKMP packets from spoke2 to spoke1
- C. ESP packets from spoke1 to spoke2
- D. ISAKMP packets from spoke1 to spoke2

Answer: A

NEW QUESTION 7

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

NEW QUESTION 8

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 9

Which VPN solution uses TBAR?

- A. GETVPN
- B. VTI
- C. DMVPN
- D. Cisco AnyConnect

Answer: A

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_getvpn/configuration/xs-3s/sec-get-vpn-xe-3s-book/sec-get-vpn.html

NEW QUESTION 10

Which two commands help determine why the NHRP registration process is not being completed even after the IPsec tunnel is up? (Choose two.)

- A. show crypto isakmp sa
- B. show ip traffic
- C. show crypto ipsec sa
- D. show ip nhrp traffic
- E. show dmvpn detail

Answer: AD

NEW QUESTION 10

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 15

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 18

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 23

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

NEW QUESTION 27

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 31

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 32

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