

## **Cisco 300-209 Exam**

**Volume: 213 Questions**

Question No : 1

Which two GDOI encryption keys are used within a GET VPN network? (Choose two.)

- A. key encryption key
- B. group encryption key
- C. user encryption key
- D. traffic encryption key

Answer: A,D

Question No : 2

Which two statements regarding IKEv2 are true per RFC 4306? (Choose two.)

- A. It is compatible with IKEv1.
- B. It has at minimum a nine-packet exchange.
- C. It uses aggressive mode.
- D. NAT traversal is included in the RFC.
- E. It uses main mode.
- F. DPD is defined in RFC 4309.
- G. It allows for EAP authentication.

Answer: D,G

Question No : 3

Refer to the exhibit.

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Config for Router1

```
crypto ikev2 keyring KR1
peer Router2
address 209.165.201.15
pre-shared-key local apples
pre-shared-key remote Oranges
```

Config for Router2

```
crypto ikev2 keyring KR1
peer Router1
address 209.165.202.0 255.255.255.0
pre-shared-key local apples
pre-shared-key remote Oranges
```



The IKEv2 tunnel between Router1 and Router2 is failing during session establishment. Which action will allow the session to establish correctly?

- A. The address command on Router2 must be narrowed down to a /32 mask.
- B. The local and remote keys on Router2 must be switched.
- C. The pre-shared key must be altered to use only lowercase letters.
- D. The local and remote keys on Router2 must be the same.

Answer: B

Question No : 4

Which technology does a multipoint GRE interface require to resolve endpoints?

- A. ESP
- B. dynamic routing
- C. NHRP
- D. CEF

## **Cisco 300-209 Exam**

E. IPSec

Answer: C

Question No : 5

Which two technologies are considered to be Suite B cryptography? (Choose two.)

A. MD5

B. SHA2

C. Elliptical Curve Diffie-Hellman

D. 3DES

E. DES

Answer: B,C

Question No : 6

Which DAP endpoint attribute checks for the matching MAC address of a client machine?

A. device

B. process

C. antispysware

D. BIA

Answer: A

Question No : 7

Which type of NHRP packet is unique to Phase 3 DMVPN topologies?

A. resolution request

B. resolution reply

C. redirect

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D. registration request

E. registration reply

F. error indication

Answer: C

Question No : 8

Refer to the exhibit.

```
crypto ipsec transform-set transform esp-des
 mode tunnel
!
crypto map tmap 10 ipsec-isakmp
 set peer 20.1.1.1
 set transform-set transform
 match address 101
crypto map tmap
!
interface Ethernet0/3
 description OUTSIDE
 ip address 20.1.1.2 255.255.255.252
 crypto map tmap
!
access-list 101 permit udp host 20.1.1.2 eq 1701 host 20.1.1.1 eq 1701
```

Which VPN solution does this configuration represent?

A. Cisco AnyConnect

B. IPsec

C. L2TP

D. SSL VPN

Answer: B

Question No : 9

Which three types of web resources or protocols are enabled by default on the Cisco ASA Clientless SSL VPN portal? (Choose three.)

A. HTTP

B. VNC

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- C. CIFS
- D. RDP
- E. HTTPS
- F. ICA (Citrix)

Answer: A,C,E

Question No : 10

A Cisco router may have a fan issue that could increase its temperature and trigger a failure. What troubleshooting steps would verify the issue without causing additional risks?

- A. Configure logging using commands "logging on", "logging buffered 4", and check for fan failure logs using "show logging"
- B. Configure logging using commands "logging on", "logging buffered 6", and check for fan failure logs using "show logging"
- C. Configure logging using commands "logging on", "logging discriminator msglog1 console 7", and check for fan failure logs using "show logging"
- D. Configure logging using commands "logging host 10.11.10.11", "logging trap 2", and check for fan failure logs at the syslog server 10.11.10.11

Answer: A

Question No : 11

Refer to the exhibit.

```
interface Loopback 10
  ip address 192.0.2.1 255.255.255.0

interface GigabitEthernet 0/0
  description WAN interface
  ip address 10.1.1.1 255.0.0.0

ip nat inside source static 192.0.2.1 10.1.1.2 !
webvpn gateway GATEWAY
  ip address 192.0.2.1 port 443
```

Which VPN solution does this configuration represent?

- A. Cisco AnyConnect (IKEv2)

## Cisco 300-209 Exam

- B. site-to-site
- C. DMVPN
- D. SSL VPN

Answer: D

Question No : 12

Which technology can you implement to reduce latency issues associated with a Cisco AnyConnect VPN?

- A. DTLS
- B. SCTP
- C. DCCP
- D. SRTP

Answer: A

Question No : 13

Refer to the exhibit.

```
Tunnel-id  Local          Remote          fvrf/ivrf      Status
1          209.165.202.130/500  209.165.200.230/500  none/none     READY
Encr: AES-CBC, keysize: 256, Hash: SHA512, DH Grp:5, Auth sign: PSK, Auth verify: PSK
Life/Active Time: 86400/7141 sec
CE id: 1001, Session-id: 1
Status Description: Negotiation done
Local spi: C156F9DB2F08AE06      Remote spi: B383BC5A6A805430
Local id: R002.example.com
Remote id: R005.example.com
Local req msg id: 4                Remote req msg id: 3
Local next msg id: 4                Remote next msg id: 3
Local req queued: 4                Remote req queued: 3
Local window: 5                    Remote window: 5
DPD configured for 0 seconds, retry 0
Fragmentation not configured.
Extended Authentication not configured.
NAT-T is not detected
Cisco Trust Security SGT is disabled
Assigned host addr: 10.2.2.10
Initiator of SA : No
Remote subnets:
10.2.2.10 255.255.255.255
```

Which authentication method was used by the remote peer to prove its identity?

- A. Extensible Authentication Protocol

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- B. certificate authentication
- C. pre-shared key
- D. XAUTH

Answer: C

Question No : 14

Which three parameters must match on all routers in a DMVPN Phase 3 cloud? (Choose three.)

- A. NHRP network ID
- B. GRE tunnel key
- C. NHRP authentication string
- D. tunnel VRF
- E. EIGRP process name
- F. EIGRP split-horizon setting

Answer: A,B,C

Question No : 15

Refer to the exhibit.

XML profile

```
<WindowsVPNEstablishment>AllowRemoteUsers</WindowsVPNEstablishment>
```

The customer needs to launch AnyConnect in the RDP machine. Which configuration is correct?

A.  
crypto vpn anyconnect profile test flash:RDP.xml  
.policy group default  
.svc profile test

B.  
crypto vpn anyconnect profile test flash:RDP.xml  
.webvpn context GW\_1

## Cisco 300-209 Exam

C.

```
crypto vpn anyconnect profile test flash:RDP.xml  
.policy group default  
.svc profile flash:RDP.xml
```

D.

```
crypto vpn anyconnect profile test flash:RDP.xml  
.webvpn context GW_1  
.browser-attribute import test
```

Answer: A

Question No : 16

Which command clears all crypto configuration from a Cisco Adaptive Security Appliance?

A. clear configure crypto

B. clear configure crypto ipsec

C. clear crypto map

D. clear crypto ikev2 sa

Answer: A

Question No : 17

Which two statements about the Cisco ASA Clientless SSL VPN solution are true? (Choose two.)

A. When a client connects to the Cisco ASA WebVPN portal and tries to access HTTP resources through the URL bar, the client uses the local DNS to perform FQDN resolution.

B. The rewriter enable command under the global webvpn configuration enables the rewriter functionality because that feature is disabled by default.

C. A Cisco ASA with an AnyConnect Premium Peers license can simultaneously allow Clientless SSL VPN sessions and AnyConnect client sessions.

D. Content rewriter functionality in the Clientless SSL VPN portal is not supported on Apple mobile devices.

E. Clientless SSLVPN provides Layer 3 connectivity into the secured network.

## **Cisco 300-209 Exam**

Answer: C,D

Question No : 18

Which protocol does DTLS use for its transport?

- A. TCP
- B. UDP
- C. IMAP
- D. DDE

Answer: B

Question No : 19

What are the three primary components of a GET VPN network? (Choose three.)

- A. Group Domain of Interpretation protocol
- B. Simple Network Management Protocol
- C. server load balancer
- D. accounting server
- E. group member
- F. key server

Answer: A,E,F

Question No : 20

What are three benefits of deploying a GET VPN? (Choose three.)

- A. It provides highly scalable point-to-point topologies.
- B. It allows replication of packets after encryption.
- C. It is suited for enterprises running over a DMVPN network.

## **Cisco 300-209 Exam**

- D. It preserves original source and destination IP address information.
- E. It simplifies encryption management through use of group keying.
- F. It supports non-IP protocols.

Answer: B,D,E

Question No : 21

Remote users want to access internal servers behind an ASA using Microsoft terminal services. Which option outlines the steps required to allow users access via the ASA clientless VPN portal?

- A.
  1. Configure a static pat rule for TCP port 3389
  2. Configure an inbound access-list to allow traffic from remote users to the servers
  3. Assign this access-list rule to the group policy
- B.
  1. Configure a bookmark of the type http:// server-IP :3389
  2. Enable Smart tunnel on this bookmark
  3. Assign the bookmark to the desired group policy
- C.
  1. Configure a Smart Tunnel application list
  2. Add the rdp.exe process to this list
  3. Assign the Smart Tunnel application list to the desired group policy
- D.
  1. Upload an RDP plugin to the ASA
  2. Configure a bookmark of the type rdp:// server-IP
  3. Assign the bookmark list to the desired group policy

Answer: D

Question No : 22

Which technology is FlexVPN based on?

- A. OER
- B. VRF