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Vendor:Cisco

Exam Code:300-209

Exam Name:Implementing Cisco Secure Mobility
Solutions

Version:Demo

QUESTION 1

Which option is a benefit of ECC as compared to public key cryptography?

- A. increases speed by using many algorithm methods
- B. improves security by using many keys
- C. increases speed by using a small key
- D. improves security by using a large key size

Correct Answer: C

QUESTION 2

Which statement describes a prerequisite for single-sign-on Netegrity Cookie Support in an IOC SSL VPN?

- A. The Cisco AnyConnect Secure Mobility Client must be installed in flash.
- B. A SiteMinder plug-in must be installed on the Cisco SSL VPN gateway.
- C. A Cisco plug-in must be installed on a SiteMinder server.
- D. The Cisco Secure Desktop software package must be installed in flash.

Correct Answer: C

QUESTION 3

An engineer wants to ensure that Diffie-Helman keys are re-generated upon a phase-2 rekey. What option can be configured to allow this?

- A. Aggressive mode
- B. Dead-peer detection
- C. Main mode
- D. Perfect-forward secrecy

Correct Answer: D

QUESTION 4

Refer to the exhibit. Which two characteristics of the VPN implementation are evident? (Choose two.)

```
interface Tunnel12
 ip address 172.16.16.5 255.255.255.0
 no ip redirects
 ip mtu 1400
 ip nhrp authentication cisco
 ip nhrp map multicast 10.10.10.1
 ip nhrp map multicast 20.20.20.1
 ip nhrp map 172.16.16.1 10.10.10.1
 ip nhrp map 172.16.16.3 20.20.20.1
 ip nhrp network-id 12
 ip nhrp nhs 172.16.16.1
 ip nhrp nhs 172.16.16.3
 ip nhrp shortcut
 ip tcp adjust-mss 1360
 ip ospf network point-to-multipoint
 ip ospf dead-interval 9
 ip ospf hello-interval 3
 ip ospf cost 1100
 load-interval 30
 tunnel source Serial1/0
 tunnel mode gre multipoint
 tunnel key 12
 tunnel protection ipsec profile TUNNEL-12
end
```

- A. dual DMVPN cloud setup with dual hub
- B. DMVPN Phase 3 implementation
- C. single DMVPN cloud setup with dual hub
- D. DMVPN Phase 1 implementation
- E. quad DMVPN cloud with quadra hub
- F. DMVPN Phase 2 implementation

Correct Answer: BC

QUESTION 5

Which cryptographic method provides passphrase protection while importing or exporting keys?

- A. AES
- B. RSA
- C. Serpent
- D. Blowfish

Correct Answer: B

Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/sec_conn_pki/configuration/xr-3s/sec-pki-xr-3s-book/sec-deploy-rsa-pki.pdf

QUESTION 6

Refer to exhibit. An engineer must implement DMVPN phase2 and was provided with this configuration by the senior engineer as a template. Which two conclusions can be made from the configuration? (choose two)

```
interface Tunnel10 ip address 172.16.1.1 255.255.255.0 no ip redirects ip mtu 1440 ip nhrp authentication cisco ip nhrp
map multicast dynamic ip nhrp network-id 150 no ip split-horizon eigrp 100 no ip next-hop-self eigrp 100 tunnel source
GigabitEthernet0/0 tunnel mode gre multipoint tunnel key 0 tunnel protection ipsec profile cisco
```

- A. EIGRP is used as the dynamic routing protocol
- B. spoke-to-spoke communication is allowed
- C. EIGRP route redistribution is not allowed
- D. EIGRP neighbor adjacency will fail
- E. next-hop-self is required

Correct Answer: AB

QUESTION 7

Which three remote access VPN methods in an ASA appliance provide support for Cisco Secure Desktop? (Choose three.)

- A. IKEv1
- B. IKEv2
- C. SSL client
- D. SSL clientless
- E. ESP
- F. L2TP

Correct Answer: BCD

QUESTION 8

Refer to the exhibit. For the ABC Corporation, members of the NOC need the ability to select tunnel groups from a drop-down menu on the Cisco WebVPN login page.

As the Cisco ASA administrator, how would you accomplish this task?

- A. Define a special identity certificate with multiple groups, which are defined in the certificate OU field, that will grant the certificate holder access to the named groups on the login page.
- B. Under Group Policies, define a default group that encompasses the required individual groups that will appear on the login page.
- C. Under Connection Profiles, define a NOC profile that encompasses the required individual profiles that will appear on the login page.
- D. Under Connection Profiles, enable "Allow user to select connection profile."

Correct Answer: D

QUESTION 9

Refer to the Exhibit. Users at each end of this VPN tunnel cannot communicate with each other. Which cause of this behavior is true?

```

ASA#show crypto ikev1 sa

Active SA: 1
Rekey SA: 0 (A tunnel will report 1 Active and 1 Rekey SA during rekey)
Total IKE SA: 1

1          IKE Peer: 209.165.200.23
    Type : L2L
    Rekey : no
                                Role : initiator
                                State : MM_ACTIVE
  
```

- A. The Diffie-Hellman groups configured are different
- B. The pre shared key does not match.
- C. Phase 1 is not completed and troubleshooting is required.
- D. The issue occurs in phase 2 of the tunnel.

Correct Answer: C

QUESTION 10

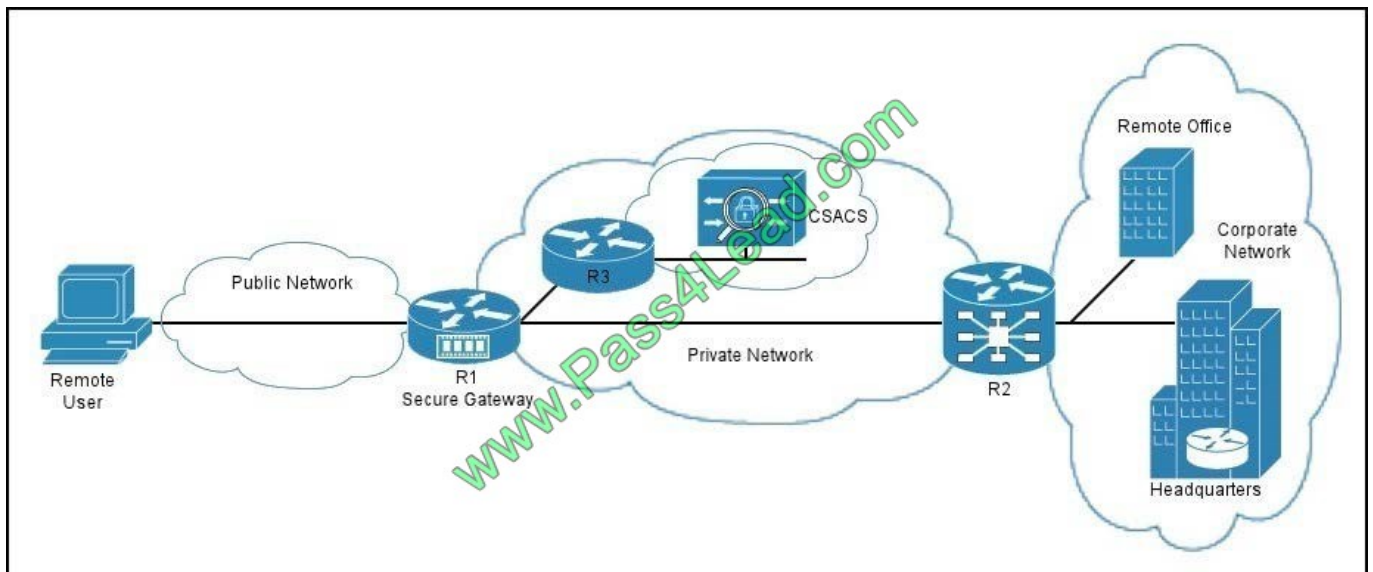
Which option is a required element of Secure Device Provisioning communications?

- A. the introducer
- B. the certificate authority
- C. the requestor
- D. the registration authority

Correct Answer: A

QUESTION 11

Refer to the exhibit. You have implemented an SSL VPN as shown. Which type of communication takes place between the secure gateway R1 and the Cisco Secure ACS?



- A. HTTP proxy
- B. AAA
- C. policy
- D. port forwarding

Correct Answer: B

QUESTION 12

Which feature is enabled by the use of NHRP in a DMVPN network?

- A. host routing with Reverse Route Injection
- B. BGP multiaccess
- C. host to NBMA resolution
- D. EIGRP redistribution

Correct Answer: C

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