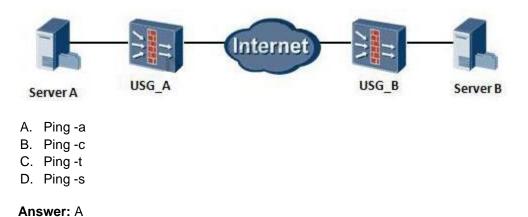**Vendor:** Huawei

Exam Code: H12-721

Exam Name: HCIP-Security-CISN V3.0

Version: DEMO

QUESTION 1
In an enterprise network, USG A and USG B have established an IPsec VPN. The administrator needs to simulate traffic from server A to server B to test the connection. What ping command should the administrator use to simulate this traffic?

A. Ping -a
B. Ping -c
C. Ping -t
D. Ping -s

Answer: A

QUESTION 2
An enterprise network deployed USG series firewalls, and they need to achieve per-user Telnet / SSH login to the USG and only the commands authorized by the server should be allowed. Which of the following authentication methods would meet these business requirements?

A. Radius
B. LDAP
C. HWTACACS
D. AD

Answer: C

QUESTION 3
Which of the following is a correct description of IKE? (Choose three answers)

A. IKE is UDP bearer protocol used in IPSEC
B. IKE negotiates for the IPSEC security protocol, and establishes the parameters and security association for IPSEC
C. IPSEC SA using IKE negotiation packets for the encryption or authentication process
D. IPSEC must use the IKE key exchange

Answer: ABC

QUESTION 4
Malformed packet attack techniques would use some legitimate data packets; these packets are of a legitimate application type.

A. TRUE
B. FALSE

Answer: B

QUESTION 5
When the firewall is working in a hot standby load balancing networking environment, if the behavior of a router and firewall is down while working in routing mode, you need to configure the OSPF cost adjustment value based on HRP.

A. TRUE
B. FALSE

Answer: B

QUESTION 6
The USG supported HRP backup options are which of the following? (Choose three answers)

A. Automatic Backup
B. Manual batch backup
C. Quick Backup
D. Real-time backup

Answer: ABC

QUESTION 7
With the USG firewall, which two commands can be used to view equipment components (control board, fans, power supplies, etc.) run state and memory / CPU usage? (Choose two answers)

A. display device
B. display environment
C. display version
D. dir

Answer: AB

QUESTION 8
You are able to ping the IP address of the IPSec tunnel peer and trigger a successful IPSec tunnel by doing this, but the IPSec tunnel can not be established from within an internal PC on the network. What could be a possible reason for this?

A. IKE proposal configuration problems
B. IPsec proposal configuration problems
C. The ACL source segment does not include the PC
D. packet filtering (inter-domain policy) configuration problems

Answer: CD

QUESTION 9
HTTP Flood attacks refer indirectly to the target server to initiate a large number of HTTP packets to burden the server so that it can not respond to normal requests. Through the interface rate limit function, HTTP flood attacks can be prevented.

A. TRUE
B. FALSE

Answer: A

QUESTION 10
Which of the following regarding HTTP Flood defense is not correct?

A. HTTP Flood Source Authentication
B. URI destination IP detection
C. fingerprints learning
D. Checks the load

Answer: D

QUESTION 11
Establishing an IPsec tunnel is unsuccessful. The following is the debug output:

```
%% 01IKE/4/WARNING (I): phase2: proposal mismatch, please check ipsec
proposal configuration. 0.34476900
%% 01IKE/7/DEBUG (d): dropped message from 3.3.3.1 due to notification
type NO_PROPOSAL_CHOSEN
```

Based on this information, what is the likely cause of the failure?

A. The IKE proposal is inconsistent.
B. The ipsec proposal is inconsistent.
C. IKEpeer configuration error.
D. Security ACL configuration error.

Answer: B

QUESTION 12
An IPsec VPN connection established by two USG firewalls in NAT traversal mode fail to see any
information from the "display ike sa" command. Neither session information nor UDP port 500
information is displayed. What are possible reasons for this? (Choose two answers)

A. public network unreachable.
B. middle device blocking UDP 500 port.
C. middle device blocking UDP 4500 port.
D. middle device blocking ESP packets.

Answer: AB

QUESTION 13
Which of the following is the role of Message5 and Message6 with the main mode IKE negotiation
process?

A. Runs the DH algorithm

B. negotiate set of proposals
C. mutual authentication
D. negotiate IPsec SA

Answer: C

QUESTION 14
In the firewall DDos attack prevention technology, the Anti-DDoS prevents attacks based on what?

A. Based on the ability of the application to authenticate the source address of the packet, the application, and the cleaning equipment source by sending probe packets to prevent the attack traffic source.
B. session-based concurrent connections to the defense, where the new connection or abnormal connections exceeds the threshold levels..
C. Mainly by fingerprint analysis to study and get traffic capture feature to prevent bots or initiate the attack traffic through a proxy to distinguish normal user access behavior.
D. By detecting the session using filter scanning packets and special control packets.

Answer: B

QUESTION 15
In the IKE V1 pre-shared key mode capture shown, what data is shown in the main role?

```
⊞ Frame 5 (198 bytes on wire, 198 bytes captured)
⊞ Ethernet II, Src: 00:e0:fc:d8:df:2a, Dst: 00:18:82:1f:2e:09
⊞ Internet Protocol, Src Addr: 1.1.1.1 (1.1.1.1), Dst Addr: 1.1.1.2 (1.1.1.2)
⊞ User Datagram Protocol, Src Port: isakmp (500), Dst Port: isakmp (500)
⊟ Internet Security Association and Key Management Protocol
      Initiator cookie: 0x568C4BAC3BCF2DFE
      Responder cookie: 0x09B1E93A64C977E6
      Next payload: Hash (8)
      Version: 1.0
      Exchange type: Quick Mode (32)
   ⊞ Flags
      Message ID: 0x64825321
      Length: 156
      Encrypted payload (128 bytes)
```

A. The negotiation phase SA 2
B. The negotiation phase SA 1
C. A random number used to exchange D-H public value, needed for the exchange of identity information

Answer: A

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