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# Huawei Certified ICT Professional - Constructing Infrastructure of Security Network

## Huawei H12-721

## Version Demo

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## QUESTION NO: 1

Which of the following statements about IPsec and IKE following are correct? (Choose three answers)

**A.** With IPsec there are two ways to establish the security association, manual mode (manual) and IKE auto-negotiation (Isakmp) mode.

**B.** IKE aggressive mode can be selected based on negotitations initiated by the tunnel endpoint IP address or ID, to find the corresponding authentication word and finalize negotiations.

**C.** The NAT traversal function is used to delete the IKE negotiation verification process for UDP port numbers, while achieving a VPN tunnel to discover the NAT gateway function. If a NAT gateway device is used, then the data transfer after the IPsec uses UDP encapsulation.

**D.** IKE security mechanisms include DH Diffie-Hellman key exchange and distribution; improve the security front (Perfect Forward Secrecy PFS), encryption, and SHA1 algorithms.

**ANSWER: A B C**

## QUESTION NO: 2

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: A B**

## QUESTION NO: 3

In the use of virtual firewall technology: The two VPN users can travel over the public network Root VFW, log on to their respective private network VPN and get direct access to the private network resources.

According to the characteristics of VPN Firewall that provides multiple instances of business, which of the following statements is correct? (Choose three answers)

**A.** safe, VPN user authentication and authorization access through the firewall, after a visit with independent access virtual firewall system for users to manage different resources VPN users are completely isolated.

**B.** VPN flexible and reliable access to support from the public network to the VPN, can also support VPN to VPN from two modes.

**C.** easy to maintain, the user does not have superuser privileges on the system administrator account can manage the entire firewall (including each virtual firewall service).

**D.** strict access control permissions, firewall can control access VPN access permissions based on user name, password, so that employees can make a business trip, the super user (VPN require access to different resources), such as different users with different access rights.

**ANSWER: A B D**

## QUESTION NO: 4

A SSL VPN login authentication is unsuccessful, and the prompt says "wrong user name or password." What is wrong?

**A.** The username and password entered incorrectly.

**B.** There is a user or group filter field configuration error.

**C.** There is a certificates filter field configuration error.

**D.** The administrator needs to configure the source IP address of the terminal restriction policy.

**ANSWER: D**

## QUESTION NO: 5

Which of the following statements is correct one for the dual hot standby in conjunction with IPSec functionality?

**A.** USG supports IPsec primary backup mode of hot standby.

**B.** Load does not support IPsec stateful failover under balancing.

**C.** You must configure the session fast backup.

**D.** You must configure preemption

**ANSWER: A**

## QUESTION NO: 6

Which of the following statements is wrong regarding IPsec?

**A.** Under Transfer Mode, ESP does not validate the IP header

**B.** AH can not verify that the data uses encrypted packets

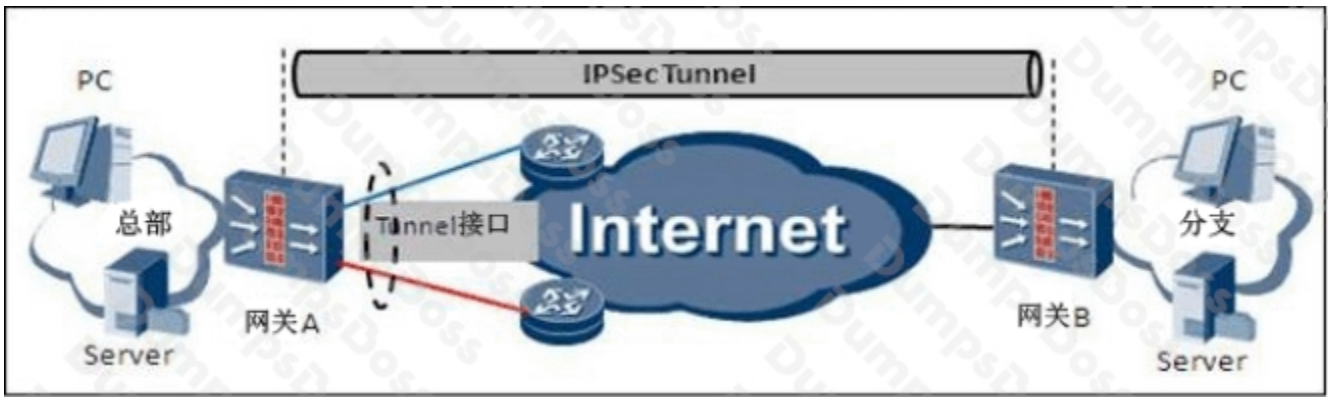
**C.** ESP can support NAT traversal

**D.** The AH protocol uses the 3DES algorithm for data validation

**ANSWER: D**

## QUESTION NO: 7

In standby IPsec link backup scenarios like the one shown below, you can use the link IPsec tunneling technology.



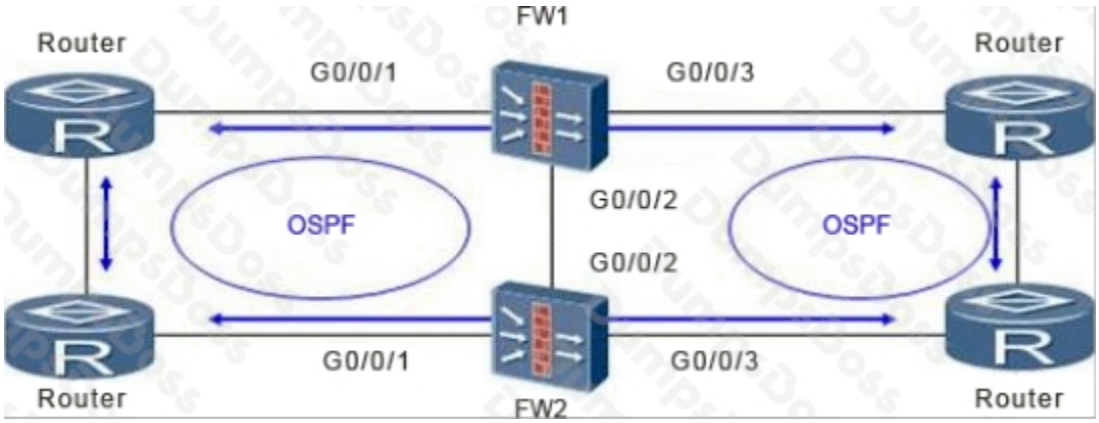

**A.** TRUE

**B.** FALSE

**ANSWER: A**

## QUESTION NO: 8

As shown in Figure, firewall is in stateful failover networking environment, the firewall interfaces are in the business routing mode, and up and down are the router with OSPF configured.




Assuming the OSPF protocol convergence Recovery time is 30s, following best configuration management is to seize on the HRP?

**A.** hrp preempt delay 20

**B.** hrp preempt delay 40

**C.** hrp preempt delay 30

**D.** undo hrp preempt deplay

**ANSWER: B**

## QUESTION NO: 9

When using the SSL VPN client, it initiates network expansion "Connect gateway mate lost", what are the causes of this failure? (Choose three answers)

**A.** If you are using a proxy server, network extension client proxy server settings wrong.

**B.** PC and virtual gateway routing between unreachable.

**C.** network expansion between the client and the virtual gateway connection is blocked by the firewall.

**D.** Username and password configuration errors.

**ANSWER: A B C**

## QUESTION NO: 10

BFD static route topology is shown in Figure A. On the firewall, administrator needs to do the following configuration:

[USG9000_A] bfd

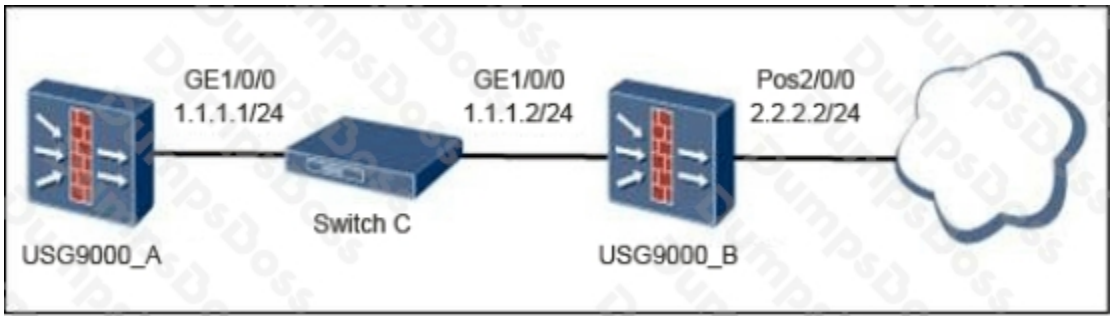
[USG9000_A-bfd] quit

[USG9000_A] bfd aa bind peer-ip 1.1.1.2

[USG9000_A-bfd-session-aa] discriminator local 10

[USG9000_A-bfd-session-aa] discriminator remote 20

Which of the following commands should be added to the firewall configuration to achieve BFD for static route? (Choose two answers)




**A.** [USG9000_A-bfd-session-aa] commit

**B.** [USG9000_A] bfd aa bind local-ip 1.1.1.1

**C.** [USG9000_A] ip route-static 0.0.0.0 0 1.1.1.2 track bfd-session aa

**D.** [USG9000_A] ip route-static 0.0.0.0 0 1.1.1.2 bind bfd-session aa

**ANSWER: A C**

## QUESTION NO: 11

In USG equipment, which statement is correct on current-configuration files and saved-configuration profile? (Choose two answers)

**A.** ELI administrators to configure a feature USG device, the device will modify Saved-configuration immediately.

**B.** See the next startup configuration file to load the device display saved-configuration.

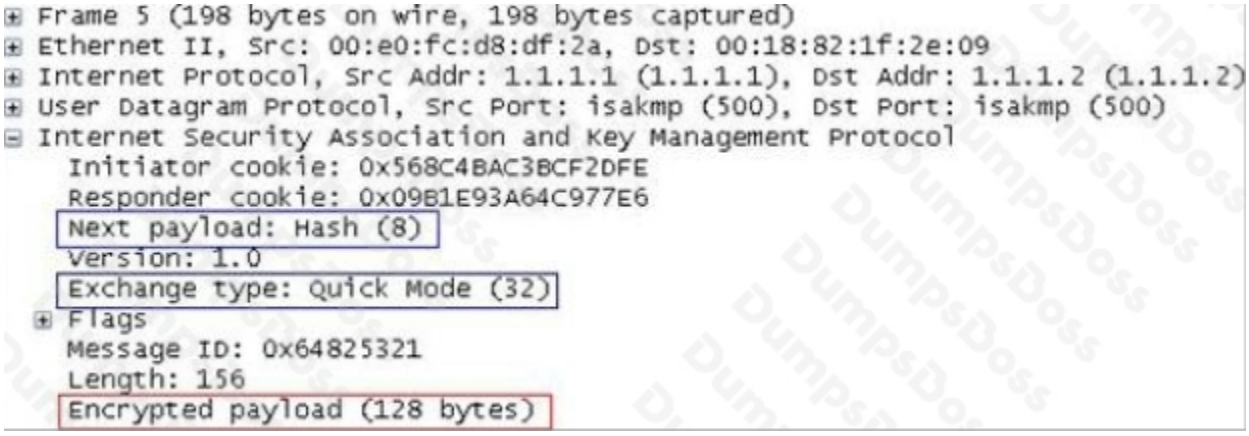
**C.** When executing the Save command, the device will be current-configuration is copied to the saved-configuration.

**D.** When executing the Save command, current-configuration commands to take effect.

**ANSWER: B C**

## QUESTION NO: 12

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




**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**

## QUESTION NO: 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

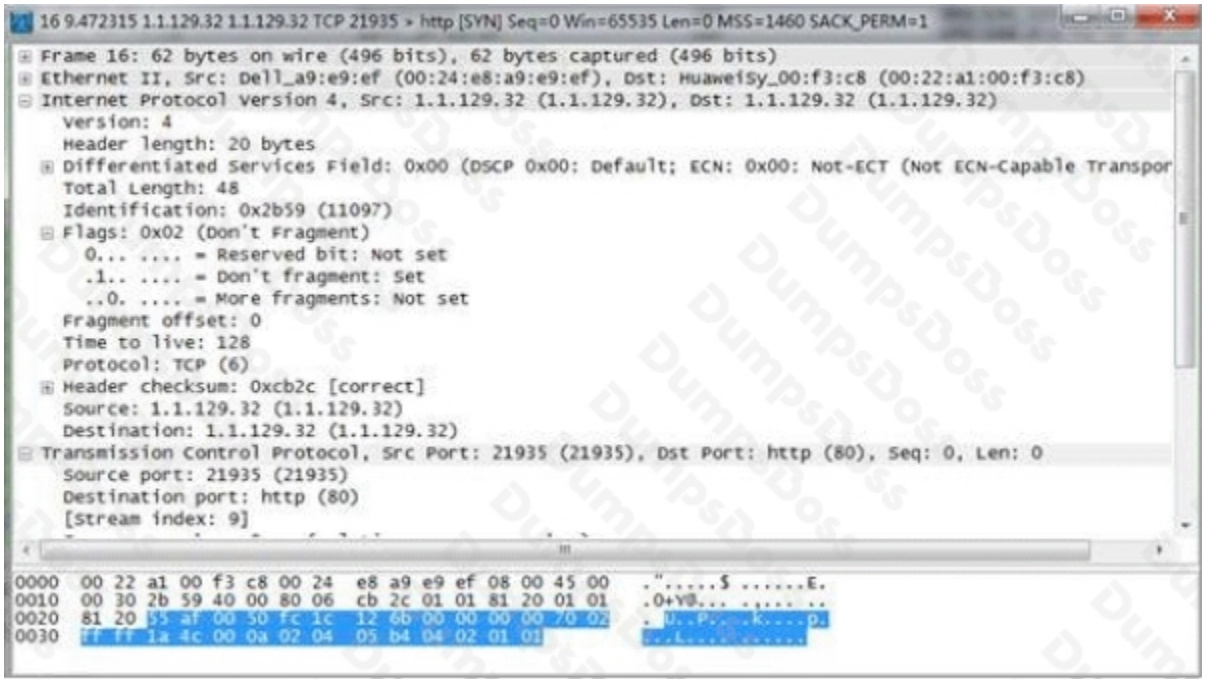
**C.** mutual authentication

**D.** negotiate IPsec SA

**ANSWER: C**

## QUESTION NO: 14

When an attack occurs, the attacked host (1.1.129.32) was able to capture many packets as shown. Based on the information shown, what kind of attack is this?




**A.** Smurf attack

**B.** Land Attack

**C.** WinNuke

**D.** Ping of Death attack

**ANSWER: B**

## QUESTION NO: 15

An administrator using the following command to view the state of device components

```
<sysname> display device
Slot #   Type      Online   Status
---------------------------------
0        RPU       Present  Normal
3        ADSL2+    Present  Abnormal
4        PWR       Present  Normal
5        FAN       Present  Normal
```

Slot3 board is status abnormal, what are the possible causes? (Choose three answers)

**A.** The device does not support this interface cards.

**B.** The Interface Card is damaged.

**C.** The backplane or damaged pins on the motherboard, such as incorrect installation lead pin board tilt.

**D.** The ADSL phone line is faulty.

**ANSWER: A B C**