Vendor: Huawei

Exam Code: H12-725_V4.0

Exam Name: HCIP-Security (Written) V4.0

Version: DEMO

QUESTION 1
WAF device's working mode does not include which of the following?

A. Forward proxy
B. Reverse proxy
C. Bridge mode
D. Transparent proxy

Answer: A

QUESTION 2
WAF devices can effectively and accurately resist CC attacks. Which of the following descriptions of CC attacks is incorrect?

A. CC attack is a type of DDoS attack
B. The attack cost of CC attacks is relatively high, and launching an attack requires a large amount of bandwidth resources.
C. CC attacks can use proxy servers to launch attacks, making it difficult to trace the source of the attack.
D. CC attacks are mainly used to attack web servers, causing server resources to be exhausted and even shut down.

Answer: B

QUESTION 3
There is a log message in the firewall device, as shown below:

```
Jun 1 2022 14:27:01 FV3 %%01UPDATE/3/1LOAD_FALL (1) [182]: Failed to
load the signature database.
(SyslogId=0, Module-IP-RIPUTATION, Slot=11, CFU=0, LoadVersion=,
Duration (s) =0, Reason="No SDB version is available for loading").
```

Which of the following does the "UPDATE" field in this log represent?

A. Summary of log information
B. Log description information
C. Log level
D. The functional module that generated the log

Answer: B

QUESTION 4
Which item does the authentication protocol of Portal authentication not include?

A. EAP protocol
B. HTTP protocol
C. Portal protocol
D. HTTPS protocol

Answer: A

QUESTION 5
The LDAP protocol is based on the Client/Server structure to provide binding and query of directory information. All directory information is stored on the LDAP server. In the LDAP protocol, the directory is organized according to a tree structure. The directory is composed of entries, and the entries are attribute sets with distinguished names (DN).
Which of the following is a domain name attribute of LDAP?

A. DC
B. CN
C. OU
D. DN

Answer: A

QUESTION 6
Use iNaster NCE-Campus as the Portal server and deploy Portal authentication on the Huawei wireless controller. Which configuration is not necessary?

A. URL template
B. Certification Template
C. Portal authentication template
D. MAC authentication template

Answer: D

QUESTION 7
In the MAC address authentication scenario, the user does not need to manually enter the user name and password. Which of the following is used as the authenticated user name?

A. Account number
B. IP address
C. Interface number
D. MAC address

Answer: D

QUESTION 8
Which of the following descriptions about Huawei IPS equipment upgrade is correct?

A. Upgrading the signature database of Huawei IPS does not require license authorization.
B. Upgrading the system version of Huawei IPS will take effect without restarting the device.
C. Upgrading the signature database of Huawei IPS requires restarting the device to take effect.
D. Upgrade the Huawei IPS signature database to take effect without restarting the device.

Answer: D

QUESTION 9

Which of the following descriptions of policy routing matching rules is incorrect?

A. When configuring multiple policy routing rules, the policy routing list is arranged in the order of configuration by default.
B. If multiple values can be configured in a matching condition, and there is an "OR" relationship between the multiple values, as long as the attributes of the message match any one value, the attributes of the message are considered to match this condition.
C. Each policy route contains only one matching condition
D. There is a default policy route default in the system by default. The default policy route is at the bottom of the policy list and has the lowest priority. All matching conditions are any and the action is no policy routing.

Answer: C

QUESTION 10
Which of the following parameters is not a condition for link quality check?

A. Delay
B. Bandwidth
C. Jitter
D. Packet loss rate

Answer: B

QUESTION 11
Which of the following is not a functional feature of AH?

A. Integrity check
B. Anti-replay
C. Data source verification
D. Data encryption

Answer: D

QUESTION 12
Which of the following is a probe protocol that health checks cannot support?

A. RADIUS
B. CHCMP
C. DNS
D. UDP

Answer: D

QUESTION 13
Which of the following descriptions about guaranteed bandwidth and maximum bandwidth is incorrect?

A. Guaranteed bandwidth and maximum bandwidth can be set on a per-IP/user basis

B. If the traffic is greater than the maximum bandwidth, directly discard the traffic exceeding the maximum bandwidth.
C. If the traffic is less than the guaranteed bandwidth, this part of the traffic will compete freely with the same type of traffic in other bandwidth channels on the outbound interface for bandwidth resources.
D. Guaranteed bandwidth and maximum bandwidth settings for IP or users can achieve more detailed bandwidth restrictions

Answer: C

QUESTION 14
Which of the following descriptions about deploying a firewall virtual system is incorrect?

A. A resource class can be bound to multiple virtual systems at the same time
B. You can view the created virtual systems and allocated resources in the "Virtual System List"
C. Configure the resource class first, and then enable the virtual system for binding
D. Resource class r0 is bound to the root system by default and cannot be deleted or modified.

Answer: C

QUESTION 15
As shown in the figure, the firewall load balancing network is used, and the upstream and downstream devices are switches.
Which of the following descriptions of the firewall VGMP group status in this scenario is correct?

A. Firewall A: Active, Firewall B: Standby
B. Firewall A: Master, Firewall B: Backup
C. Firewall A: Master, Firewall B: Master
D. Firewall A: Active, Firewall B: Active

Answer: D

QUESTION 16
Which of the following is not part of the consistency check of dual-machine hot standby?

A. Interface address
B. NAT configuration
C. Bandwidth Policy
D. Security policy

Answer: B

QUESTION 17
As shown in the figure, the firewall is deployed as a gateway dual-machine hot standby, and the upstream and downstream devices are switches.
To achieve round-trip traffic load balancing, at least how many VRRP backup groups need to be configured in this scenario?

A. 4

B. 6
C. 2
D. 3

Answer: C

QUESTION 18
When a visitor accesses the corporate network through Portal authentication, in order to ensure a good visitor experience, the visitor is required to open the wireless network range for a short period of time. When re- entering, there is no need to enter the username and password again and they can directly access the network.
Which of the following access methods can meet the above requirements?

A. MAC bypass authentication
B. MAC authentication
C. MAC priority Portal authentication
D. 802.1X authentication

Answer: C

QUESTION 19
When using an LDAP server as the authentication server, if you want to perform user authentication, which of the following operations needs to be performed on the data of the LDAP server?

A. Query class
B. Delete class
C. Writing class
D. Update class

Answer: A

QUESTION 20
When using an LDAP server as the authentication server, which of the following protocols is used for the interaction between the device and the server?

A. RADIUS protocol
B. HTTP protocol
C. LDAP protocol
D. EAP protocol

Answer: C

QUESTION 21
If you want to control users' forum postings, user logins, etc., which of the following HTTP behavior controls should be configured?

A. POST operation
B. Redirect

C. File upload
D. File download

Answer: A

QUESTION 22
A user uses SSL to access network resources on the intranet. The administrator has enabled file sharing and web proxy services for the user, and has allowed the traffic of the service on the firewall. However, after the user enters the address of the virtual gateway on the PC, the web page fails. I cannot see the list of file shares and web proxies. Which of the following options may cause this failure?

A. The virtual gateway's external NAT port is wrong.
B. Has the virtual IP address been obtained from the virtual network card of the user's PC?
C. The administrator does not have the authorization to configure file sharing and web proxy for the user
D. The route between the firewall and the client is unreachable

Answer: C

QUESTION 23
How many levels of bandwidth policies does the firewall support?

A. 2
B. 5
C. 4
D. 3

Answer: C

QUESTION 24
Which of the following resources belongs to the quota resources allocated to the virtual system?

A. Number of strategies
B. VLAN
C. Interface
D. Safe area

Answer: D

QUESTION 25
Which of the following descriptions about bandwidth resource allocation is incorrect?

A. Which type of bandwidth resource limits a data flow is subject to depends on the outgoing interface or incoming interface of the traffic.
B. The public network interface refers to the interface connecting to the Internet
C. Bandwidth resources in the resource category are divided into three categories: inbound bandwidth, outbound bandwidth and overall bandwidth.
D. In the cross-virtual system forwarding scenario, the Virtual-if interface defaults to the public

network interface.

Answer: B

QUESTION 26
When a visitor comes to the enterprise, while facilitating visitor access, it is necessary to control the visitor's access behavior.
For this kind of visitor scenario, which of the following authentication methods is generally recommended?

A. MAC bypass authentication
B. Portal authentication
C. 802.1X authentication
D. MAC authentication

Answer: B

QUESTION 27
Which of the following descriptions of the RADIUS and HWTACACS protocols is incorrect?

A. All use shared keys to encrypt transmitted user information
B. Both have good flexibility and scalability
C. The structure adopts client/server model.
D. All support the authorization of configuration commands on the device.

Answer: D

QUESTION 28
Which of the following descriptions about Portal authentication is incorrect?

A. Portal authentication can be triggered in two ways: active authentication and passive authentication. Active authentication is initiated by the client, and passive authentication is initiated by the authentication server.
B. Under normal circumstances, the client does not need to install additional software and authenticates directly on the Web page, which is simple and convenient.
C. The Portal server can be an independent entity outside the access device (external Portal server), or it can be an embedded entity that exists within the access device (built-in Portal server)
D. The Portal authentication system mainly includes four basic elements, client, access device, Portal server and authentication server

Answer: A

QUESTION 29
Among the following descriptions of IPS signature types, which signature type has the highest action priority?

A. Exception signature
B. Custom signature
C. Predefined signature

D. Signature filter

Answer: A

QUESTION 30
In the URL filtering process, which of the following actions is performed as the first step?

A. Detect HTTP message anomalies
B. Match black and white lists
C. Remote query
D. Match URL classification

Answer: A

QUESTION 31
Which of the following attacks does not expose network topology information?

A. Tracert message attack
B. Attacker side of IP packets with routing record entries
C. Scanning attack
D. Teardrop

Answer: D

QUESTION 32
Which of the following descriptions of the ATIC system architecture is incorrect?

A. ATIC software consists of three parts: management server, collector and controller
B. A management center can centrally manage multiple detection and cleaning equipment distributed in multiple regions.
C. Seco Manager uses B/S architecture as the management center
D. ATIC management server mainly manages detection and cleaning center equipment

Answer: A

QUESTION 33
Which of the following descriptions of Web Link in web proxy is incorrect?

A. There is a page compatibility issue, and images may be misaligned.
B. The URL will not be rewritten, which will expose the real address of the intranet server.
C. There are certain security risks
D. Depends on IE controls and cannot be used normally in non-IE environments

Answer: A

QUESTION 34
Which of the following descriptions of smart DNS is incorrect?

A. By configuring the smart DNS function, the firewall can intelligently modify the resolution address in the DNS response message so that the user can obtain the most appropriate resolution address, that is, an address that belongs to the same ISP network as the user.
B. Intelligent DNS supports weighted polling to achieve link load balancing
C. Smart DNS does not need to be combined with other technologies and can be used alone
D. Smart DNS is divided into two scenarios: single-server smart DNS and multi-server smart DNS.

Answer: C

QUESTION 35
Drag and Drop Question

Please arrange the following fire bandwidth management implementation processes in order.

Limited by the ingress and egress bandwidth, if the traffic is greater than the interface bandwidth setting, the traffic will be queued according to the set forwarding priority to ensure that high-priority messages are sent first.	1
Perform related operations on traffic according to the processing actions set for the traffic in the channel, including discarding traffic exceeding the predefined maximum bandwidth, limiting the number of business connections, etc.	2
Traffic matches the bandwidth policy. After being diverted by the bandwidth policy, it enters the corresponding channel for processing.	3

Answer:

Traffic matches the bandwidth policy. After being diverted by the bandwidth policy, it enters the corresponding channel for processing.	1
Perform related operations on traffic according to the processing actions set for the traffic in the channel, including discarding traffic exceeding the predefined maximum bandwidth, limiting the number of business connections, etc.	2
Limited by the ingress and egress bandwidth, if the traffic is greater than the interface bandwidth setting, the traffic will be queued according to the set forwarding priority to ensure that high-priority messages are sent first.	3

QUESTION 36
Each bandwidth policy that references a bandwidth channel is independently constrained by the

bandwidth channel, that is, traffic that meets the matching conditions of the bandwidth policy has exclusive access to the maximum bandwidth resource.
Which of the following options belongs to this bandwidth channel reference method?

A. Broadband sharing
B. Bandwidth multiplexing
C. Broadband exclusive
D. Dynamic equalization

Answer: C

QUESTION 36
Which of the following descriptions about dual-machine hot standby is incorrect?

A. In a load-sharing network, the configuration command can be backed up from "Configure Standby Device" to "Configure Primary Device"
B. In an active-standby backup network, configuration commands and status information are backed up from the active device to the standby device.
C. In load-sharing mode networking, traffic is processed by two devices, which can bear greater peak traffic than active-standby backup mode or mirroring mode networking.
D. In a load-sharing network, both firewalls are active devices. Therefore, if the two active devices are allowed to back up each other's commands, it may cause the problems of mutual overwriting or conflict between the commands of the two devices.

Answer: A

QUESTION 37
Multiple filtering conditions are configured in the IPS signature filter. If multiple values are configured for the same type of filtering conditions, there is an "AND" relationship between the multiple values.

A. True
B. False

Answer: B

QUESTION 38
In wireless networks, Portal authentication is used for visitors to access the network. When the authentication point is on a Huawei wireless controller, the security policy configured in the corresponding security-profilte template on the wireless controller is ____.

Answer: Portal

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