

HCIE-WLAN (Written) V1.0
Questions & Answers
Demo

Version: 4.0

Question: 1		
Assume that a large enterprise nee and guests. However, guest data r networking modes is applicable to t	may pose security threats on the r	
A. Navi WAC Networking B. Leader AP networking C. Mesh networking		
D. Fat AP networking		
		Answer: A
Explanation:		Allswei. A
networking	authentication and security policies	for different user groups, such as to prevent security threats.
Question: 2		
Which of the following methods are network through encryption and aud. A. The receiver verifies the identity B. The receiver rejects old or duplic who resend sniffed packets, C. The sender verifies the identity of D. Data integrity is verified.	thentication? of the sender. cate packets in order to prevent at	
		Answer: AD
Explanation:		

IPsec uses authentication headers (AHs) and encapsulating security payloads (ESPs) to ensure secure transmission of service data on the network. AHs provide authentication and integrity verification for the sender and the receiver, while ESPs provide encryption and optional authentication for the data.

Reference: https://support.huawei.com/enterprise/en/doc/EDOC1100058940/8a8f1c9b/ipsec

Question: 3

Either of the two APs that have established a mesh connection can send a Mesh Peering Close frame to the other AP to tear down the mesh connection.

A. True

B. False

Answer: A

Explanation:

A mesh connection can be torn down by either of the two APs that have established it by sending a Mesh Peering Close frame to the other AP. This frame indicates that the sender no longer wants to maintain the mesh connection.

Reference:

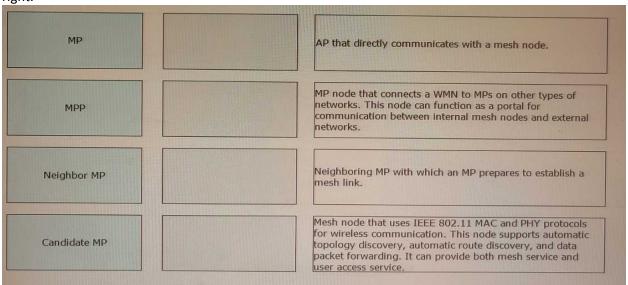
https://support.huawei.com/enterprise/en/doc/EDOC1100058940/8a8f1c9b/mesh-

networking

Question: 4

DRAG DROP

In mesh networking, APs have different roles. Drag the AP roles on the left to the role descriptions on the right.



Answer:

Explanation:

MP: Mesh node that uses IEEE 802.11 MAC and PHY protocols for wireless communication. This node supports automatic topology discovery, automatic route discovery, and data packet forwarding. It can

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provide both mesh service and user access service1.

MPP: MP node that connects a WMN to MPs on other types of networks. This node can function as a portal for communication between internal mesh nodes and external networks1.

Neighbor MP: Neighboring MP with which an MP prepares to establish a mesh link1.

Candidate MP: AP that directly communicates with a mesh node2.

https://support.huawei.com/enterprise/en/doc/EDOC1100064365/90f2391e/configuration-examples-

<u>for-mesh 2</u>: <u>https://support.huawei.com/enterprise/en/doc/EDOC1100169459/8d79210e/configuring-wireless-mesh-networking</u>

Question: 5

In a VRRP HSB scenario, if the VRRP preemption delay is set to a small value, which of the following problems may occur after a master/backup switchover? (Select All that apply)

- A. The batch backup process cannot be started.
- B. A master/backup switchback is triggered too quickly.
- C. Backup information is incomplete.
- D. Service data on the master and backup WACs is lost.

Answer: BC

Explanation:

According to the Huawei documents and resources, the VRRP preemption delay is the time that an AC waits before preempting another AC with a lower priority. If the VRRP preemption delay is set to a small value, the following problems may occur after a master/backup switchover:

- B. A master/backup switchback is triggered too quickly. If the master AC recovers soon after a switchover, it may preempt the backup AC again and become the master AC. This may cause frequent switchovers and affect network stability1.
- C. Backup information is incomplete. If the backup AC takes over services from the master AC too quickly, it may not have received all the data synchronized from the master AC through HSB. This may cause service interruption or data loss2.

Therefore, B and C are the correct answers. Reference: 1:

https://support.huawei.com/enterprise/en/doc/EDOC1100064368/80fc2ebd/example-for-configuring-vrrp-hsb 2: https://support.huawei.com/enterprise/en/doc/EDOC1100096325/1a753937/vrrp-hsb-configuration

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