



Huawei H35-210_V2.5 Practice Questions

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Question 1

Question Type: MultipleChoice

After the server receives the DHCP REQUEST packet, if the server cannot allocate an IP address due to certain reasons, the server sends the () packet as a response.

Options:

- A- DHCP REFRESH
- B- DHCP DISCOVER
- C- DHCP REQUEST
- D- DHCPNAK

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Answer:

D

Question 2

Question Type: MultipleChoice

In a GPON network, to avoid data conflicts and improve network utilization efficiency, the TDMA technology is used in the downstream direction, and data transmission of ONUs is arbitrated.

Options:

- A- TRUE
- B- FALSE

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Answer:

B

Question 3

Question Type: MultipleChoice

If the value of the PROTOCOL field in the PPP protocol is 8021, Which option best protocols is used?

Options:

- A- IPCP
- B- LCP
- C- IPX
- D- IP

Answer:

A

Explanation:

PPP Protocol Overview :

PPP (Point-to-Point Protocol) uses the PROTOCOL field in its header to identify the type of encapsulated protocol.

Protocol Field Values :

0x8021 : Indicates IPCP (Internet Protocol Control Protocol) , which is used to negotiate IP-related parameters during PPP session establishment.

0xC021 : Indicates LCP (Link Control Protocol) , which is used for establishing, configuring, and testing the PPP link.

0x002B : Indicates IPX (Internetwork Packet Exchange) .

0x0021 : Indicates IP (Internet Protocol) .

Why A?

The value 0x8021 corresponds to IPCP , making it the correct answer.

Thus, the correct answer is A .

HCIA Huawei ACCESS Official Documentation , Chapter: PPP Protocol.

RFC 1661: PPP Protocol Specification .

Question 4

Question Type: MultipleChoice

The MA5800 supports upstream transmission through the control board or upstream board, and supports 10 GE/GE upstream transmission. The upstream port supports 10 GE upstream transmission by default. You can run the speed command to set the upstream port. To prevent the communication failure with the upper-layer device, the upstream port rate must be the same as the port rate of the interconnected device.

Options:

- A- TRUE
- B- FALSE

Answer:

A

Explanation:

Upstream Transmission Overview :

The MA5800 is a next-generation OLT platform that supports multiple upstream transmission options, including 10 GE (Gigabit Ethernet) and GE (Gigabit Ethernet).

Default Configuration :

By default, the upstream ports on the MA5800 are configured for 10 GE transmission. However, administrators can adjust the speed using the speed command to match the requirements of the interconnected device.

Matching Port Rates :

For successful communication, the upstream port rate on the MA5800 must match the rate of the port on the upper-layer device (e.g., switch or router). Mismatched rates can lead to communication failures.

Why TRUE?

The statement accurately describes the default configuration and the importance of matching port rates to ensure proper communication.

Thus, the correct answer is A .

HCIA Huawei ACCESS Official Documentation , Chapter: MA5800 Upstream Configuration.

MA5800 Product Manual by Huawei.

Question 5

Question Type: MultipleChoice

The parameters required for setting the NMS workstation include: (Select All that Apply)

Options:

- A- Name
- B- Community name
- C- IP address
- D- Route

Answer:

A, B, C

Explanation:

NMS configuration requires:

A:Device name for identification.

B:SNMP community string for authentication.

C:IP address for communication.

D (Incorrect):Routing is handled by network devices, not NMS parameters.

Question 6

Question Type: MultipleChoice

Which option best methods can be used to implement communication between Ethernet switches across VLANs? (Select All that Apply)

Options:

- A- Smart Link can be deployed on switches to implement inter-VLAN communication.
- B- When different VLANs are on the same switch, you can set the IP address of the VLANIF interface to implement route forwarding.
- C- You can configure MSTP on a switch to implement inter-VLAN communication.
- D- When different VLANs are configured on different switches, you can configure hybrid or trunk interfaces to implement inter-VLAN communication.

Answer:

B, D

Explanation:

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B (Correct):VLANIF interfaces enable Layer 3 routing between VLANs on the same switch.

D (Correct):Hybrid/Trunk ports allow tagged traffic to pass between switches.

A (Incorrect):Smart Link provides link redundancy, not inter-VLAN routing.

Question 7

Question Type: MultipleChoice

DHCP implements centralized management of IP addresses. The DHCP server, DHCP client, and DHCP relay exchange packets to distribute key parameters, including the IP address, subnet mask, gateway, and DNS. In addition, DHCP provides a conflict detection mechanism to prevent communication failures caused by IP address conflicts.

Options:

- A- TRUE
- B- FALSE

Answer:

A

Explanation:

DHCP Overview :

DHCP (Dynamic Host Configuration Protocol) is used to automate the assignment of IP addresses and other network configuration parameters (e.g., subnet mask, default gateway, DNS servers).

It centralizes IP address management, reducing manual configuration errors.

Key Components :

DHCP Server : Allocates IP addresses and other parameters to clients.

DHCP Client : Requests and receives configuration from the DHCP server.

DHCP Relay : Forwards DHCP packets between clients and servers in different subnets.

Conflict Detection Mechanism :

DHCP includes a mechanism to detect and resolve IP address conflicts.

Before assigning an IP address, the DHCP server sends an ICMP Echo Request to check if the address is already in use. If no response is received, the address is considered available.

Why TRUE?

The statement accurately describes the functionality of DHCP, including centralized management, parameter distribution, and conflict detection.

Thus, the correct answer is A .

HCIA Huawei ACCESS Official Documentation , Chapter: DHCP Protocol.

RFC 2131: DHCP Protocol Specification .

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