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**Exam** **:** **Ruijie-C8311**

**Title** **:** Ruijie-C8311

**Version** **:** DEMO

1. During the deployment of VLAN, in order to optimize the switching network and reduce the impact of unnecessary VLAN broadcasts on the network, configure the following commands on the switch:

switch(config-if)#switchport mode trunk

switch(config-if)#switchport trunk allowed vlan remove 20

After executing the above command, how will this interface handle the data received from VLAN20?

A. Forwarding based on MAC address table

B. Discard the data directly without forwarding it

C. Remove the label of VLAN20, add a legal label and then forward it.

D. The trunk interface will remove the VLAN20 tag and forward it directly to the host.

**Answer: B**


2. When VLAN data frames are forwarded through the trunk link, an 802.1Q tag will be added to the Ethernet frame to distinguish data frames from different VLANs. This tag is inserted into the original Ethernet frame (    ).

A. After the destination MAC address

B. After the source MAC address

C. After Type

D. Before FCS

**Answer: B**


3. When VLAN data frames are forwarded through the trunk link, an 802.1Q tag will be added to the Ethernet frame to distinguish data frames from different VLANs. In 802.1Q tagging, the maximum possible value of the VLAN field is ( ).

A. 8192

B. 4096

C. 4092

D. 4094

**Answer:D**


4. When configuring the Trunk interface on the Ruijie switch, for the sake of security, it is necessary to prohibit the data frames of VLAN15 from passing through. The command used is ( )

A. ruijie(config-if)#switchport trunk allowed remove 15

B. ruijie(config-if)#switchport trunk vlan remove 15

C. ruijie(config-if)#switchport trunk vlan allowed remove 15

D. ruijie(config-if)#switchport trunk allowed vlan remove 15

**Answer: D**


5. In small branch offices, router sub-interfaces may be used to interconnect multiple VLANs for cost reasons. Which of the following commands can correctly define a sub-interface for VLAN5?

A. ruijie(config-if)#encapsulation dot1q 5

B. ruijie(config-subif)#encapsulation dot1q 5

C. ruijie(config-if)#encapsulation dot1q vlan 5

D. ruijie(config-subif)#encapsulation dot1q vlan 5

**Answer: B**