

Huawei.Pre.H12-811_V1.0.48q - DEMO

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Exam Code: 12-811_V1.0

Exam Name: HCIA-Datacom V1.0

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Exam A

QUESTION 1

VLAN4095 cannot be created on Huawei switches, and VLAN1 cannot be created ()

- A. True
- B. False

Correct Answer: A

Section:

Explanation:

QUESTION 2

Which of the following port states is not included in the RSTP protocol? ()

- A. Learning
- B. Discarding
- C. Forwarding
- D. Blocking

Correct Answer: D

Section:

Explanation:

QUESTION 3

The following statement about the Hybrid port is correct ()

- A. When Hybrid port sends data frame, it must carry VLAN TAG
- B. The Hybrid port only receives data frames with VLAN TAG
- C. The Hybrid port can strip off the TAG of some VLANs in the direction of the outbound interface
- D. Hybrid Port does not require PVID

Correct Answer: C

Section:

Explanation:

QUESTION 4

What elements can NAT transform? ()

- A. MAC address + port number
- B. Only IP address
- C. IP address + port number
- D. Only MAC address

Correct Answer: C

Section:

Explanation:

QUESTION 5

The role of the collaboration layer in the SDN architecture is to complete job deployment based on user intentions. OpenStack belongs to the business collaboration layer ()

- A. True
- B. False

Correct Answer: B

Section:

Explanation:

QUESTION 6

The following statement about Python is incorrect ()

- A. Is a fully open source high-level programming language
- B. Has a rich third-party library
- C. Have a clear grammatical structure, easy to learn, and high efficiency for colleagues
- D. Can be used for automated operation and maintenance scripts, artificial intelligence data science and many other fields

Correct Answer: A

Section:

Explanation:

QUESTION 7

The administrator has configured the AR2200. Which of the following descriptions about the configuration information is correct ()

- A. The saved configuration file will be replaced by the running configuration file
- B. If the user wants to clear the next startup configuration file of the device configuration, they should select "N"
- C. If the user wants to clear the next startup configuration file of the device configuration, they should select "Y"
- D. The next startup file of the device configuration will be retained

Correct Answer: C

Section:

Explanation:

QUESTION 8

When building a campus network, which of the following protocols can be used to avoid Layer 2 loops? ()

- A. SNMP
- B. RSTP
- C. NAT
- D. OSPF

Correct Answer: B

Section:

Explanation:

QUESTION 9

The tree network topology is actually a hierarchical star structure, which is easy to expand the network scale, but the higher the level, the more serious the network problem caused by the node failure ()

- A. True
- B. False

Correct Answer: A

Section:

Explanation:

QUESTION 10

The router needs to modify the destination IP address in the data packet when forwarding the data packet ()

- A. True
- B. False

Correct Answer: B

Section:

Explanation:

QUESTION 11

In the broadcast network, OSPF runs on four routers in the same area and on the same network segment. OSPF will automatically elect one DR and multiple BDRs to achieve a better backup effect ()

- A. True
- B. False

Correct Answer: B

Section:

Explanation:

QUESTION 12

When the IPv4 protocol is used as the network layer protocol, which field is not included in the network layer header? ()

- A. Source IPv4 Address
- B. TTL
- C. Destination IPv4 Address
- D. Sequence Number

Correct Answer: D

Section:

Explanation:

QUESTION 13

Take effect immediately after the Router ID of the OSPF process is modified ()

- A. True
- B. False

Correct Answer: B

Section:

Explanation:

QUESTION 14

How many types of OSPF packets are there? ()

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

Correct Answer: C

Section:

Explanation:

QUESTION 15

Network switch A and router A are connected by two links. The two links are aggregated in manual load sharing mode. The aggregated port number is 1, and the aggregated link needs to carry VLAN TAG100 when forwarding data. The switch When A uses a trunk link, which of the following configurations need to be used by switch A? ()

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

Correct Answer: B

Section:

Explanation:

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QUESTION 16

By default, the port cost calculated by STP has a certain relationship with the port bandwidth, that is, the larger the bandwidth, the higher the cost ()

- A. Big
- B. Unanimous
- C. uncertain
- D. small

Correct Answer: D

Section:

Explanation:

QUESTION 17

In the RSTP standard, in order to improve the convergence speed, the port that the switch is directly connected to the terminal can be defined as ()

- A. Edge port
- B. Root port
- C. Fast port
- D. Backup port

Correct Answer: A

Section:

Explanation:

QUESTION 18

The Backup port in RSTP can replace the failed root port ()

- A. True
- B. False

Correct Answer: B

Section:

Explanation:

QUESTION 19

All four switches run STP, and various parameters adopt default values. If the G0/0/2 port of switch C is blocked and the configuration BPDU cannot be sent through this port, how long will the blocked port in the network enter the forwarding state ()

- A. About 3 seconds
- B. About 50 seconds
- C. About 30 seconds
- D. About 15 seconds

Correct Answer: B

Section:

Explanation:

QUESTION 20

The link aggregation interface can only be used as a Layer 2 interface ()

- A. True
- B. False

Correct Answer: B

Section:

Explanation:

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QUESTION 21

If the largest number in an ACL rule is 12, by default, the user does not specify a number when configuring a new rule, then the number assigned to the new rule by the system is? ()

- A. 13
- B. 15
- C. 14
- D. 16

Correct Answer: B

Section:

Explanation:

QUESTION 22

The main function of the DNS protocol is ()

- A. DNS
- B. file transfer
- C. Remote access
- D. Mail transfer

Correct Answer: B

Section:

Explanation:

QUESTION 23

What is the MAC address of the data link layer of each VAP on the AP? ()

- A. SSID
- B. BSS
- C. ESS
- D. BSSID

Correct Answer: D

Section:

Explanation:

QUESTION 24

Which of the following does not include the advantages of Wi-Fi6 compared to Wi-Fi5? ()

- A. Higher bandwidth
- B. Lower transmission delay
- C. Higher power consumption
- D. Higher number of access terminals per AP

Correct Answer: C

Section:

Explanation:

QUESTION 25

Which of the following statements is correct for the ACL configured in the Telnet application? ()

- A. The device with P address 172.16.105.4 can use Telnet service
- B. The device with IP address 172.16.105.3 can use Telnet service
- C. The device with IP address 172.16.105.5 can use Telnet service
- D. The device with P address 172.16.105.6 can use Telnet service

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Correct Answer: D

Section:

Explanation:

QUESTION 26

What kind of packets does the OSPF protocol use to request LSAs that are missing locally? ()

- A. HELLO
- B. LSACK
- C. LSR
- D. LSU

Correct Answer: C

Section:

Explanation:

QUESTION 27

Only the WPA2-PSK security policy supports the use of TKIP for data encryption. ()

- A. True
- B. False

Correct Answer: A

Section:

Explanation:

QUESTION 28

VLAN4095 cannot be created on Huawei switches, and VLAN1 cannot be deleted. ()

- A. True
- B. False

Correct Answer: A

Section:

Explanation:

QUESTION 29

Users cannot configure VLAN ID. to 0. ()

- A. True
- B. False

Correct Answer: A

Section:

Explanation:

QUESTION 30

What kind of packets does the OSPF protocol use to describe its LSDB? ()

- A. DD
- B. HELLO
- C. LSR
- D. LSU

Correct Answer: A

Section:

Explanation:

QUESTION 31

Which of the following information is not included in the MAC address table of the switch? ()

- A. The port number
- B. MAC. Address
- C. IP address
- D. VLAN

Correct Answer: C

Section:

Explanation:

QUESTION 32

When using the SNMPv1 protocol to manage network devices, which of the following commands is used by the network management system to complete the configuration of the network devices? ()

- A. Get-Next Request
- B. Response
- C. Set Request
- D. Get-Request

Correct Answer: C

Section:

Explanation:

QUESTION 33

What is wrong about the ARP message? ()

- A. ARP packets cannot be forwarded to other broadcast domains
- B. ARP reply message is sent by unicast party
- C. ARP request message is sent by broadcast
- D. Any link layer protocol requires ARP protocol to assist in obtaining data link layer identification

Correct Answer: D

Section:

Explanation:

QUESTION 34

Which of the following fields is not included in the HELLO packet of the OSPF protocol? ().

- A. Neighbor
- B. Network Mask
- C. HelloInterval
- D. Sysname

Correct Answer: D

Section:

Explanation:

QUESTION 35

All interfaces of the router belong to the same broadcast domain. ()

- A. True
- B. False

Correct Answer: B

Section:

Explanation:

QUESTION 36

The host's IPv4 address is 200.200.200.201/30. Which of the following hosts has an IPv4 address and its communication does not need to be forwarded by a router? ()

- A. 200.200.200.202
- B. 200.200.200.200
- C. 200.200.200.203
- D. 200.200.200.1

Correct Answer: A

Section:

Explanation:

QUESTION 37

Among the following commands for configuring the default route, the correct one is ()

- A. (Huawei-Seria10) ip route-static 0.0.0.0 0.0.0.0 0.0.0.0
- B. (Huawei) ip route-static 0.0.0.0 0.0.0.0 192.168.1.1
- C. (Huawei) ip route-static 0.0.0.0 0.0.0.0 0.0.0.0
- D. (Huawei) ip route-static 0.0.0.0 255.255.255.255 192.168.1.1

Correct Answer: B

Section:

Explanation:

QUESTION 38

If the network address of a network is 192.168.1.0, then its broadcast address must be 192.168.1.255. ()

- A. True
- B. False

Correct Answer: B

Section:

Explanation:

QUESTION 39

On Huawei ARG3 routers, the -i parameter of the Ping command in VRP is used to set ().

- A. Destination IP address for receiving Echo Reply reply
- B. The source IP address of the Echo Request message
- C. Interface for receiving Echo Reply messages
- D. Interface for sending Echo Request messages

Correct Answer: D

Section:

Explanation:

QUESTION 40

If the Proto of a certain route information in the routing table is OSPF, the priority of this route must be 10. ()

- A. True
- B. False

Correct Answer: B

Section:

Explanation:

QUESTION 41

There are multiple route entries to the same destination network in the routing table. These routes are called? ()

- A. Equal cost routing
- B. Multipath routing
- C. Default route
- D. Suboptimal routing

Correct Answer: A

Section:

Explanation:

QUESTION 42

The broadcast address is a special address that all the host bits in the network address are set to, and it can also be used as a host address. ()

- A. True
- B. False

Correct Answer: B

Section:

Explanation:

QUESTION 43

Which of the following OSPF protocol packets ensure the reliability of LSA update? ()

- A. LSACK
- B. DD
- C. LSU
- D. LSR

Correct Answer: A

Section:

Explanation:

QUESTION 44

The last option field (option) of IPv4 is variable-length optional information. What is the maximum length of this field? ()

- A. 10B
- B. 40B
- C. 60B
- D. 20B

Correct Answer: D

Section:

Explanation:

QUESTION 45

Which of the following advantages does the single-arm routing approach achieve inter-VLAN routing and intercommunication? ()

- A. Reduce the number of equipment
- B. Reduce the use of IP addresses
- C. Reduce the number of link connections
- D. Reduce routing table entries

Correct Answer: C

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Explanation:

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QUESTION 46

The switch receives a unicast data frame. If the destination MAC of the data frame can be found in the MAC table, the data frame will be forwarded from the corresponding port of this MAC. ()

- A. True
- B. False

Correct Answer: A

Section:

Explanation:

QUESTION 47

The output information of the link aggregation port of a certain switch is as follows. If you want to delete Eth-Trunk1, which of the following commands is correct? ()

- A. undo interface Eth-trunk 1
- B. inte GigabitEthernet 0./0/2 Undo eth-trunk Quit Undo interface eth-trunk 1
- C. inte GigabitEthernet 0./0/1 Undo eth-trunk Quit inte GigabitEthernet0./0/2 Undo ethtrunk Quit
- D. inte GigabitEthernet 0./0/1 Undo eth-trunk Quit Undo interface eth-trunk 1

Correct Answer: A

Section:

Explanation:

QUESTION 48

Which information of the data frame is used by the VLANIF interface to determine whether to perform Layer 2 or Layer 3 forwarding? ()

- A. Destination MAC
- B. Source MAC
- C. Destination port
- D. Source IP

Correct Answer: A

Section:

Explanation:

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