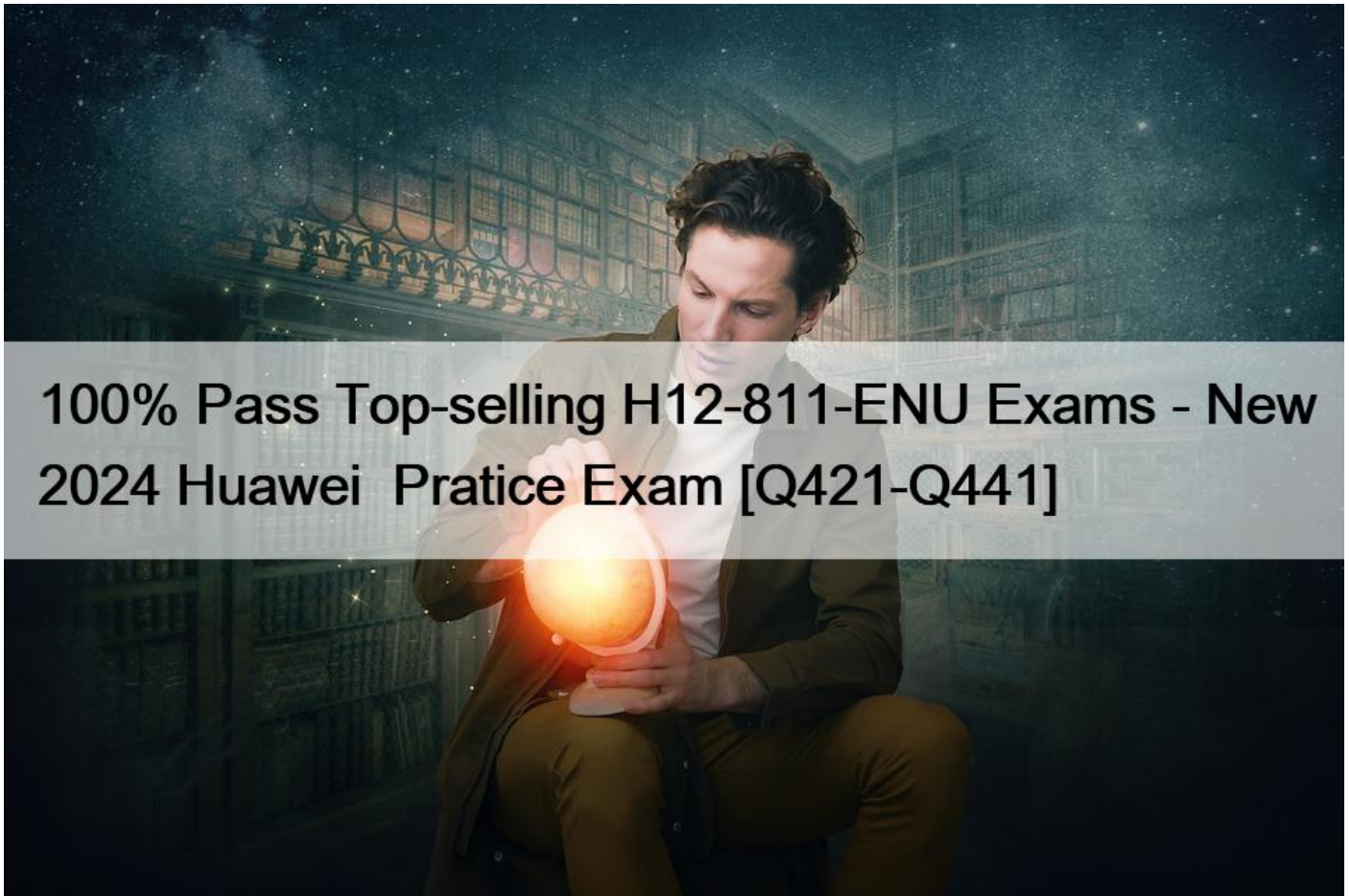


## 100% Pass Top-selling H12-811-ENU Exams - New 2024 Huawei Practice Exam [Q421-Q441]



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HCIA-Datacom Dumps H12-811-ENU Exam for Full Questions - Exam Study Guide

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Huawei H12-811-ENU (HCIA-Datacom V1.0) Certification Exam is a comprehensive assessment of an individual's ability to work with data communications technologies. HCIA-Datacom V1.0 certification is ideal for professionals who want to specialize in data communications and develop their skills in managing, configuring, and troubleshooting data networks. HCIA-Datacom V1.0 certification is recognized globally and can help IT professionals advance their careers, stand out in a competitive job market, and increase their earning potential.

### NEW QUESTION 421

Three Layer 2 switches are interconnected with one HUB. The switches are all enabled with STP bridge ID. Refer to the figure below. What are the default errors of other configurations? () (Single-choice question)



- \* SWA is the root bridge in the simple network
- \* The two ports on SWA are designated ports and are in the forwarding state
- \* G0/0/2 of SWA is blocked
- \* G0/0/1 of SWC is alternative. It is in blocking state

#### NEW QUESTION 422

If the broadcast address of a network is 172.16.1.255, what might its network address be?

- \* 172.16.2.0
- \* 172.16.1.128
- \* 172.16.1.1
- \* 172.16.1.253

#### NEW QUESTION 423

To query the configuration information of the device's OSPF protocol, which of the following commands can be used? (Multiple Choice)

- \* display ospf peer
- \* Enter the command &#8220;display this&#8221; in the OSPF protocol view
- \* display current-configuration
- \* dis ip routing-table

#### NEW QUESTION 424

About the above configuration command is correct ()

- \* Modify the user's authority level to 3. And save the configuration
- \* Modify the limit level of the save command used by a user to 3
- \* Modify the permission level of the user view command to 3, and save the matching sinus
- \* Modify the permission level of the save command in the user view to 3

#### NEW QUESTION 425

Which of the following statements are correct for the MAC address of the existing switch? ()

- \* MAC. The address 5489-9885-18a8 is manually configured by the administrator
- \* MAC. The address 5489-9811-0b49 is manually configured by the administrator

- \* MAC Address 5489-989d-1d30 is manually configured by the administrator
- \* After the switch restarts, all MAC addresses need to be re-learned

#### NEW QUESTION 426

The following description of the Layer 2 Ethernet switch is incorrect ().

- \* Need to make certain modifications to the layer 3 header of the forwarded message, and then forward it
- \* Able to learn MAC Address
- \* Forward according to the Layer 2 header information of the Ethernet frame
- \* Layer 2 Ethernet switch works at the data link layer

#### NEW QUESTION 427

Regarding the control plane of the device, which of the following statements is correct? (Multiple choice)

- \* The control plane is responsible for the interaction of routing protocols between devices
- \* The control plane provides equipment monitoring capabilities
- \* The control plane is responsible for directing data forwarding
- \* The control plane is responsible for generating the IP routing table

#### NEW QUESTION 428

If the network address of a network is 10.1.1.0/30, what is its broadcast address?

- \* 10.1.1.2
- \* 10.1.1.3
- \* 10.1.1.4
- \* 10.1.1.1

#### NEW QUESTION 429

An existing switch is connected to a designated port through a port, but the port does not forward any packets, but can monitor network changes by receiving BPDUs, then the role of the port should be ().

- \* Designated port
- \* Alternate port
- \* Disable port
- \* Root port

#### NEW QUESTION 430

If the Length/Type of an Ethernet data frame is 0x8100. Which of the following statements is correct?

- \* There is always a UDP header in the upper layer of each data frame
- \* The upper layer of a data frame must exist IP header
- \* There is always a TCP header in the upper layer of each data frame
- \* Each data frame must carry VLAN TAG

#### NEW QUESTION 431

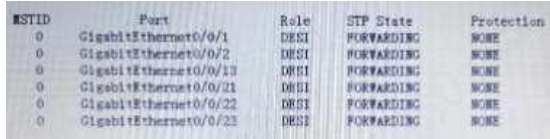
A company applies for a C. IP address segment, which needs to be evenly distributed to 8 subsidiaries. The largest subsidiary has 14 computers. Different subsidiaries must be in different network segments, so the subnet mask should be set. for()

- \* 255.255.255.192
- \* 255.255.255.240

- \* 255.255.255.0
- \* 255.255.255.128

### NEW QUESTION 432

The information shown in the figure is the port status information displayed on a switch running STP. According to this information, what is wrong in the following description? ( ) (Single-choice question)



PortID	Port	Role	STP State	Protection
0	GigabitEthernet0/0/1	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/2	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/13	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/21	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/22	DESIGNATED	FORWARDING	NONE
0	GigabitEthernet0/0/23	DESIGNATED	FORWARDING	NONE

- \* This switch is the root switch in the network
- \* The priority of this switch is 0
- \* This network may only contain this switch
- \* This switch may be connected to 6 other switches

### NEW QUESTION 433

NAPT distinguishes the IP addresses of different users through the protocol numbers in TCP, UDP, or IP packets.

- \* True
- \* False

### NEW QUESTION 434

The route entry 10.0.0.24/29 may be aggregated from which of the following subnet routes? ( )\*

- \* 10.0.0.23/30
- \* 10.0.0.28/30
- \* 10.0.0.26/30
- \* 10.0.0.24/30

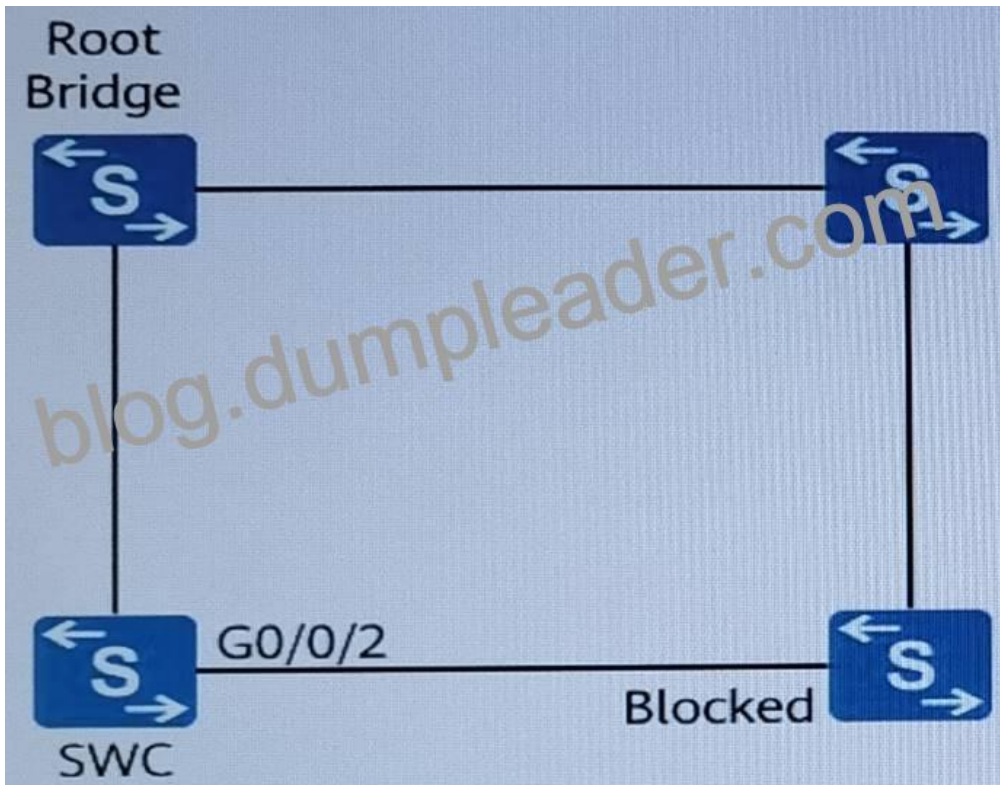
### NEW QUESTION 435

What is the first operation performed by the FIT AP after obtaining the AC's IP address?

- \* Upgrade software version
- \* Download the configuration file
- \* Establish CAPWAP tunnel
- \* Request configuration file

### NEW QUESTION 436

As shown in the figure, 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 it take for the blocked port in the network to enter the forwarding state?



- \* about 3 seconds
- \* about 50 seconds
- \* about 30 seconds
- \* about 15 seconds

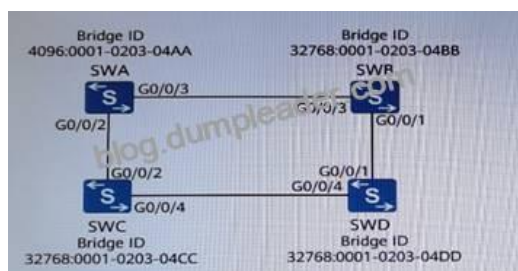
#### NEW QUESTION 437

Which of the following statements about VLANIF interfaces are correct? ()

- \* The VLANIF interface does not need to learn MAC addresses.
- \* The VLANIF interface does not have a MAC address.
- \* Different VLANIF interfaces can use the same IP address
- \* The VLANIF interface is a Layer 3 interface

#### NEW QUESTION 438

In the network shown in the figure below, the bridge ID of the switch has been marked. Enter the command `stp root secondary` on the SWD switch, and which of the following switch will become the root bridge of this network?



- \* SWC
- \* SWA
- \* SWB
- \* SWD

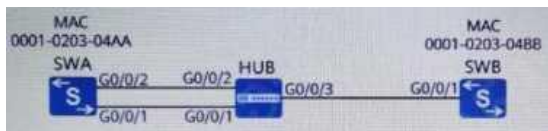
#### NEW QUESTION 439

If it is UDP, the value of the protocol field of the network layer is 6 ()

- \* True
- \* False

#### NEW QUESTION 440

As shown in the figure, two switches use the default parameters to run STP root primary; Switch B uses the configuration command STP priority 0. Then which port will be blocked? () (Single- choice question)



- \* G0/0/3 of HUB
- \* G0/0/2 of switch A
- \* G0/0/1 of switch A
- \* G0/0/1 of switch B

#### NEW QUESTION 441

On Huawei switches, you can use the vlan batch command to create multiple VLANs in batches, simplifying the configuration process. ()

- \* True
- \* False

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