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NEW QUESTION: 1

The bridge ID of the STP protocol in the switching network is as follows. Which of the following bridge IDs will be the root bridge? ()

- A. 3276800-01-02-03-04-AA
- B. 3276800-01-02-03-04-BB
- C. 409600-01-02-03-04-DD
- D. 3276800-01-02-03-04-CC

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 2

What is the number range of advanced ACLs? ()

- A. 3000-3999
- B. 4000#4999
- C. 2000-2999
- D. 6000#6031

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 3

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)



BridgeID	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

- A. C.This network may only contain this switch

B. This switch may be connected to 6 other switches

C. B.The priority of this switch is 0

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

Which frequencies does IEEE802.11n support? ()

A. 2.4GHz

B. 5GHz

C. D. 6GHz

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 5

Which of the following statements about Python is incorrect?

A. Python has a wealth of third-party libraries.

B. Python can be used for automated operation and maintenance scripts, artificial intelligence data science and many other fields.

C. Python has a clear grammatical structure, is simple and easy to learn, and runs efficiently.

D. Python is a fully open source high-level programming language.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 6

Which of the following network parameters can be allocated using DHCP?

A. Address of the DNS server

B. Operating system

C. Gateway address

D. IP address

Answer: A,C,D ([LEAVE A REPLY](#))

DHCP (Dynamic Host Configuration Protocol) can allocate various network parameters, including:

* IP address: Assigns a unique IP to each client.

* Gateway address: Provides the default gateway for routing traffic.

* DNS server address: Allows domain name resolution. The DHCP server does not assign an operating system, as this is outside its scope.

NEW QUESTION: 7

UDP cannot guarantee the reliability of data transmission, and does not provide functions such as message sequencing and flow control. It is suitable for flows that do not require high transmission reliability, but require high transmission speed and delay ().

A. True

B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 8

Which of the following IEEE802.11 standards only supports the 2.4GHz frequency band for communication? ()

- A. C. 802.11ax
- B. 802.11g
- C. D. 802.11n

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 9

The IEEE802.11aC. standard only supports the 5GHz frequency band ()

- A. True
- B. False

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 10

(The administrator performs the configuration shown in the figure on a router, and a host is connected to Gi/0

/0 of the router. Which of the following statements is true about the IP address obtained by the host through DHCP?)

- A. The host cannot obtain an IP address.
- B. The IP address obtained by the host belongs to the 10.10.10.0/24 network segment.
- C. The IP address obtained by the host belongs to the 10.20.20.0/24 network segment.
- D. The IP address obtained by the host may belong to the 10.10.10.0/24 or 10.20.20.0/24 network segment.

Answer: ([SHOW ANSWER](#)**)**

* Configuration Analysis:

* The router has two DHCP pools (pool1 and pool2).

* Interface Gi/0/0 is assigned the IP address 10.10.10.1/24 and is configured to use global DHCP.

* Reasoning:

* The IP address 10.10.10.1 indicates that the interface belongs to the 10.10.10.0/24 network segment.

* DHCP assigns IP addresses based on the network of the interface. Therefore, the host will receive an IP address from pool1 (10.10.10.0/24).

NEW QUESTION: 11

What are the components of the OSI reference model from top to bottom?

- A. Application layer, presentation layer, session layer, network layer, transport layer, data link layer, and physical layer
- B. Application layer, presentation layer, session layer, transport layer, network layer, data link layer, and physical layer
- C. Application layer, transport layer, network layer, data link layer, and physical layer

D. Application layer, session layer, presentation layer, transport layer, network layer, data link layer, and physical layer

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 12

(The IP addresses of VLANIF interfaces on the same switch must be different.)

A. TRUE

B. FALSE

Answer: ([SHOW ANSWER](#))

* IP Address Uniqueness on VLANIF Interfaces: Each VLANIF interface represents a different logical interface, often tied to distinct subnets. IP addresses for VLANIF interfaces must be unique on the same switch to prevent address conflicts and routing issues.

* Correct answer: TRUE. The IP addresses of VLANIF interfaces on the same switch must be different.

NEW QUESTION: 13

Which of the following commands to configure the default route is correct? ()

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 14

The MPLS tag header is encapsulated between the data link layer header and the network layer header of the message.

A. True

B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 15

ip route-static 10.0.2.2 255.255.255.255 10.0.12.2 preference 20, the correct statement about this command is ()

A. The NextHop of this route is 10.0.12.2

B. This route can guide the forwarding of packets with the destination IP address of 10.0.2.2.

C. The priority of this route is 20

D. This route can guide the forwarding of packets with the destination IP address 10.0.12.2

Answer: A,B,C ([LEAVE A REPLY](#))

NEW QUESTION: 16

The MAC address table of a certain switch is shown in the figure. If the switch receives a data frame with a destination MAC of 5489-9811-0b49 from port Eth0/0/2, which of the following statements is correct? ()

MAC Address	VLAN/ VSI/SI	P/VLAN CE/VLAN PORT	Type	LSP/LSR-ID MAC-Tunnel
5489-9885-1843		Eth0/0/2	dynamic	0/-
5489-9811-0b49		Eth0/0/3	dynamic	0/-

- A. D. Flood out this data frame
- B. Forward this data frame from the Eth0/0/3 port
- C. Forward this data frame from the Eth0/0/2 port
- D. B. Discard this data frame

Answer: B (LEAVE A REPLY)

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NEW QUESTION: 17

Network equipment running the SNMP protocol can take the initiative to report alarm information so that network administrators can find faults in time. ()

- A. True
- B. False

Answer: A (LEAVE A REPLY)

NEW QUESTION: 18

As shown in the figure below, assuming that the other configurations of the switch are kept in the default state, which port of the following switch will become the designated port? () (Multiple Choice Questions)



- A. SWA's G0/0/3
- B. D. SWC's G0/0/1
- C. SWC's G0/0/2
- D. G0/0/1 of SWB

Answer: A,D (LEAVE A REPLY)

NEW QUESTION: 19

According to OSI reference model, which layer is responsible for end-to-end error checking and flow control?

- A. Network layer
- B. Physical layer
- C. Data link layer
- D. Transport layer

Answer: (SHOW ANSWER)

Comprehensive Explanation: The Transport layer (Layer 4) in the OSI model is responsible for end-to-end error checking, flow control, and reliable data transmission. It ensures that data is properly sequenced, without errors, and flow-controlled between the sender and receiver. Protocols such as TCP (Transmission Control Protocol) operate at this layer, providing mechanisms for retransmitting lost packets and maintaining the reliability of a session

NEW QUESTION: 20

Which of the following statements about single-arm routing are correct? ()

- A. B. One physical connection per VLAN
- B. D. Only one physical link is used between the switch and the router to connect
- C. C. Need to create a subinterface on the router
- D. On the switch, configure the port connected to the router as a Trunk port, and allow the relevant AN frame to pass

Answer: D (LEAVE A REPLY)

NEW QUESTION: 21

Which of the following parameters is used in LCP negotiation to detect link loops and other abnormal conditions? ()

- A. PAP
- B. CHAP
- C. MRU

D. Magic word

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 22

As shown in the figure, the network administrator creates VLAN2 on SWA and SWB. The ports connecting the hosts on the two switches are configured as Access ports. They are assigned to VLAN2. G0/0/1 of SWA and G0/0/2 of SWB are configured as Trunk ports. All VLANs are allowed to pass. What is needed to achieve normal communication between two hosts? ()
(Single-choice question)



A. C. Just create VLAN2 on SWC

B. Configure G0/0/1 on SWC as a trunk port and allow VLAN2 to pass. Set G0/0/2 as an access port.

PVID is 2.

C. Configure G0/0/1 on SWC as a trunk port and allow VLAN2 to pass through

D. Create VLAN2 on SWC, configure G0/0/1 and G0/0/2 as trunk ports, and allow VLAN2 to pass

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

Which of the following levels is not a common network level in mid-sized campus network architecture?

A. Access layer

B. Convergence layer

C. Network layer

D. Core layer

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 24

The CAPWAP protocol stipulates the communication standard between AC. and Ap. Which of the following statements about the CAPWAP protocol is correct? ()

A. In order to reduce the burden on the AP, CAPWAP uses a tunnel to simultaneously transmit control messages and data messages

B. In order to establish a CAPWAP tunnel, the FIT Ap can only discover the AC through broadcast messages

- C. The AP can encapsulate the user's data message in CAPWAP and hand it over to the AC.
- D. CAPWAP is an application layer protocol based on TCP transmission

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 25

After FIT AP obtains AC.'s IP address, what is the first operation to perform? ()

- A. D. Request configuration file
- B. B. Upgrade software version
- C. Establish a CAPTAP tunnel

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 26

(Refer to the display startup command output shown in the figure on an AR2200 router. Which of the following statements about the command output is false?)

```
<Huawei>display startup
```

```
MainBoard:
```

```
Startup system software: sdl:/ar2220-v200r003c00spc200.cc
```

```
Next startup system software: sdl:/ar222b-v200r003c00spc200.cc
```

```
Backup system software for next startup: null
```

```
Startup saved-configuration file: null
```

```
Next startup saved-configuration file: null
```

```
Startup license file: null
```

```
Next startup license file: null
```

```
Startup patch package: null
```

```
Next startup patch package: null
```

```
Startup voice-files: null
```

```
Next startup voice-files: null
```

- A. The system file for next startup cannot be modified.
- B. The startup system software <startup-software-name> command can be used to modify the system software for next startup.
- C. The running configuration file is not saved.
- D. The system file used for the current startup is ar2220-v200r003c00spc200.cc.

Answer: A ([LEAVE A REPLY](#))

* Command Output Overview:

* The command display startup is used to check the configuration of the startup system software, configuration files, license files, and other related settings on Huawei routers. The output in this case provides details about:

* The current system software (ar2220-v200r003c00spc200.cc).

* The next startup system software (ar222b-v200r003c00spc200.cc).

* Backup and saved configuration files, which are not defined (null).

* Analysis of Options:

* Option A: "The system file for next startup cannot be modified." This statement is false because the system file for the next startup can be modified using the startup system-software command. The file path for the next startup system software (ar222b-v200r003c00spc200.cc) indicates that it has been configured and can be changed by the administrator. The command syntax is supported as per Huawei's documentation.

* Option B: "The startup system software <startup-software-name> command can be used to modify the system software for next startup." This is true and matches the functionality provided by Huawei's routers. The command allows administrators to specify the software package to be used at the next system reboot.

* Option C: "The running configuration file is not saved." This is true as the Startup saved-configuration file is listed as null, meaning that no configuration file has been saved for startup. Saving the running configuration is necessary to ensure settings persist after a reboot.

* Option D: "The system file used for the current startup is ar2220-v200r003c00spc200.cc." This is true as per the output under Startup system software, which confirms the system file used in the current boot process.

* Correct Statement Selection: Based on the analysis, the statement "The system file for next startup cannot be modified" is false. This matches the system's behavior, where administrators are allowed to modify the next startup file using relevant commands.

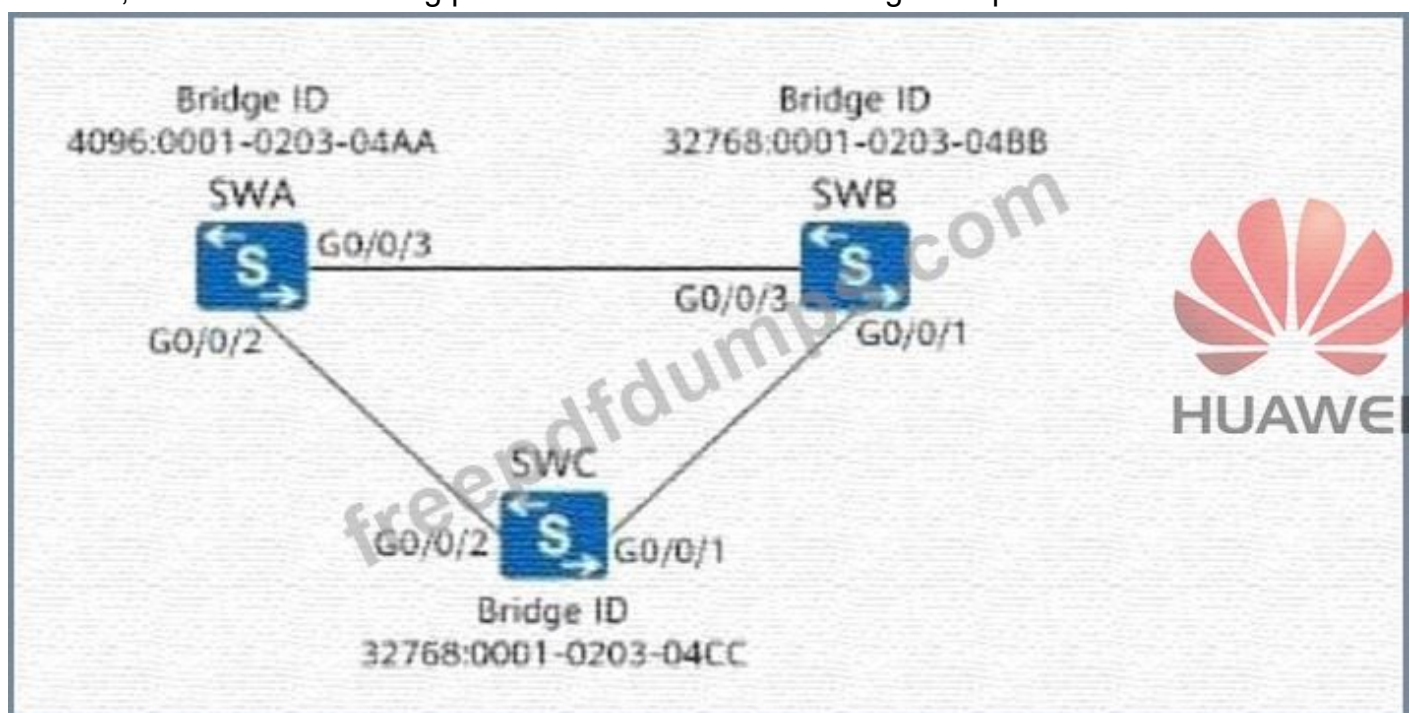
* References:

* Huawei HCIA-Datacom V1.0 Training Material and Lab Guide.

* Command-line operations from Huawei routers, as documented in the training materials and lab environments.

NEW QUESTION: 27

On the network shown in the following figure, assuming that SWA, SWB, and SWC retain factory defaults, which of the following ports will be selected as a designated port?



- A. G0/0/2 on SWC
- B. G0/0/3 on SWA
- C. G0/0/1 on SWB
- D. G0/0/1 on SWC

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 28

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

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 29

What is the protocol of the Router Advertisement (RA) packet, which is used in IPv6 stateless address auto-configuration?

- A. TCPv6
- B. ICMPv6
- C. UDPv6
- D. IGMPv6

Answer: B ([LEAVE A REPLY](#))

Comprehensive Explanation: Router Advertisement (RA) packets in IPv6 are part of the Neighbor Discovery Protocol, which uses ICMPv6 (Internet Control Message Protocol for IPv6). RA messages are sent by routers to inform hosts about the presence of routers on the network and provide them with information needed for stateless address auto-configuration, such as the network prefix and default gateway.

NEW QUESTION: 30

After the network administrator uses the Traceroute function on the router device, in the data packet sent by the router, the value of the Protocol field in the IPv4 header is? ()

- A. 2
- B. 1
- C. 17
- D. 6

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 31

Which of the following statements is true about the edge port in RSTP?

- A. Interconnected ports between switches must be configured as edge ports.
- B. Edge ports participate in RSTP calculation.

- C. The edge port can directly transition from the Disabled state to the Forwarding state.
- D. The edge port discards the received configuration BPDUs.

Answer: C (LEAVE A REPLY)

Detailed Explanation:

An edge port in RSTP (Rapid Spanning Tree Protocol) is designed to immediately transition to the forwarding state without participating in the spanning tree calculation. This allows for quicker convergence and is suitable for ports connected to end devices (not to other switches).

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NEW QUESTION: 32

The two ends of the PPP link are not in the same network segment and cannot communicate

- A. False
- B. True

Answer: (SHOW ANSWER)

NEW QUESTION: 33

Which of the following statements about link aggregation are correct? ()

- A. GE interface and FE interface cannot be added to the same Eth-Trunk interface
- B. When two devices are connected, it is necessary to ensure that the link aggregation mode on both devices is the same
- C. GE electrical interfaces and GE optical interfaces cannot be added to the same Eth-Trunk interface
- D. Eth-Trunk interfaces cannot be nested

Answer: (SHOW ANSWER)

NEW QUESTION: 34

The processing behavior of the data frame received by the switch is ()

- A. Forward from the receiving port
- B. Forward
- C. Flooding
- D. Throw away

Answer: B,C,D (LEAVE A REPLY)

NEW QUESTION: 35

When deploying ACL on Huawei equipment, which of the following descriptions is correct is ().*

- A. When calling ACL under the interface, it can only be applied to the outbound direction
- B. When ACL defines rules, it can only proceed in the order of 10, 20, 30
- C. ACL cannot be used to filter OSPF traffic, because OSPF traffic does not use UDP protocol encapsulation
- D. The same ACL can be called under multiple interfaces
- E. ACL can match the TCP/UDP port number of the packet, and can specify the range of port numbers

Answer: D,E (LEAVE A REPLY)

NEW QUESTION: 36

As shown in the figure below. All hosts can communicate normally. Is the corresponding relationship between SWA MAC address and port correct? () (Single-choice question)



- A. MAC-A G0/0/1
MAC-B G0/0/2
MAC-C G0/0/1
- B. MAC-A G0/0/1
MAC-B G0/0/2
MAC-C G0/0/3
- C. MAC-A G0/0/2
MAC-B G0/0/2
MAC-C G0/0/3
- D. MAC-A G0/0/1
MAC-B G0/0/1
MAC-C G0/0/3

Answer: B (LEAVE A REPLY)

NEW QUESTION: 37

When using the FTP protocol to upgrade the router software, the transmission mode should be selected ()

- A. C. Text mode
- B. Binary mode
- C. B. Byte mode

D. D. Stream byte mode

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 38

If the broadcast address of a network is 172.16.1.255, then its network address may be ().

A. B. 172.16.2.0

B. 172.16.1.128

C. 172.16.1.1

D. D. 172.86.1.253

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 39

The following figure shows the display interface Eth-Trunk 1 command output on a switch. Which of the following commands can be used to delete Eth-Trunk 1?

```
<SW1>display interface Eth-Trunk 1
Eth-Trunk1 current state : UP
Line protocol current state : UP
Description:
Switch Port, PVID : 1, Hash arithmetic : According to SIP-XOR-DIP, Maximal BW:
2G, Current BW: 2G, The Maxiaum Frame Length is 9216
IP Sending Frames' Format is PKTFMT_ETHNT_2, Hardware address is 4c1f-ccb0-73d7
Current system time: 2019-02-28 10:28:09-08:00
Input bandwidth utilization : 0%
Output bandwidth utilization : 0%
```

PortName	Status	Weight
GigabitEthernet0/0/1	UP	1
GigabitEthernet0/0/2	UP	1

```
The Number of Ports in Trunk : 2
The Number of IP Ports in Trunk : 2
```

A. inte GigabitEthernet 0/0/1 undo eth-trunk quit inte GigabitEthernet 0/0/2 undo eth-trunk quit undo interface Eth-Trunk 1

B. inte GigabitEthernet 0/0/2 undo eth-trunk quit undo interface Eth-Trunk 1

C. undo interface Eth-Trunk 1

D. inte GigabitEthernet 0/0/1 undo eth-trunk quit undo interface Eth-Trunk 1

Answer: ([SHOW ANSWER](#))

Comprehensive Explanation: To remove the Eth-Trunk interface, you can simply use the undo interface Eth- Trunk 1 command. This command deletes the entire Eth-Trunk interface from the switch configuration. The other commands involve additional steps to unbind physical interfaces from the Eth-Trunk, but these steps are unnecessary if you are deleting the Eth-Trunk interface entirely.

NEW QUESTION: 40

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

A. B. Lower transmission delay

- B. D. Higher number of access terminals per AP
- C. Higher power consumption

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 41

The topology shown in the figure and the configuration on the interconnection ports of the switch. Can it be judged that the data frame tagged as VLAN10 can be forwarded normally between the two switches? ()(True or False)



```
(LSW1) interface GigabitEthernet 0/0/1
(LSW1-GigabitEthernet0/0/1) port link-type trunk
(LSW1-GigabitEthernet0/0/1) port trunk pvid vlan 20
(LSW1-GigabitEthernet0/0/1) port trunk allow-passvlan 10
#
(LSW2) interface GigabitEthernet 0/0/1
(LSW2-GigabitEthernet0/0/1) port link-type trunk
(LSW2-GigabitEthernet0/0/1) port trunk pvid vlan 10
(LSW2-GigabitEthernet0/0/1) port trunk allow-passvlan 10
```

- A. B. False
- B. True

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 42

An ACL is essentially a packet filter. An ACL takes effect only after it is applied to a service module.

- A. TRUE
- B. FALSE

Answer: (SHOW ANSWER)

Comprehensive Explanation: An ACL (Access Control List) is used to define rules for permitting or denying packets based on criteria such as IP addresses, protocols, or ports. However, the ACL only takes effect when it is applied to a service module, such as an interface or a firewall rule. This ensures that traffic is filtered according to the ACL rules as it passes through the device. Without being applied, the ACL rules are inactive and do not influence traffic.

NEW QUESTION: 43

Which of the following IEEE 802.11 standards supports a theoretical negotiated rate of 5 Gbit/s or higher?

- A. 802.11a

- B. 802.11ax
- C. 802.11n
- D. 802.11b

Answer: B (LEAVE A REPLY)

Detailed Explanation: The 802.11ax standard, also known as Wi-Fi 6, supports theoretical speeds over 5 Gbit

/s and is designed for high-efficiency wireless networking in dense environments. (Reference: HCIA-WLAN Training Material, IEEE 802.11 Standards)

NEW QUESTION: 44

Following a failure of services in the network, an administrator discovered that the configuration in one of the enterprise routers had been changed. What actions can be taken by the administrator to prevent further changes?

- A. The administrator should configure an ACL to allow only the administrator to manage the router.
- B. The administrator should configure port-security on the router.
- C. The administrator should limit access by setting the login privilege of users to level 0.
- D. The administrator should configure AAA to manage user authorization on the router.

Answer: A,D (LEAVE A REPLY)

Comprehensive Explanation: To prevent unauthorized changes to the router's configuration, the administrator can take several steps. Configuring an ACL to restrict management access ensures that only authorized users, such as the administrator, can log in to the router. Additionally, using AAA (Authentication, Authorization, and Accounting) allows the administrator to manage user permissions and control access to the router's functions based on user roles. Port-security is used for limiting MAC addresses on switch ports, and login privilege levels should be set appropriately but not limited to level 0, which restricts almost all actions.

NEW QUESTION: 45

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

Answer: D (LEAVE A REPLY)

NEW QUESTION: 46

Which of the following statements about RA. and RS messages in IPv6 are correct? (*)

- A. RS is used to request address prefix information
- B. RA. Used to reply address prefix information
- C. D. RS is used to reply address prefix information

Answer: B,C (LEAVE A REPLY)

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NEW QUESTION: 47

Which of the following applications is based on the TCP protocol?()*

- A. HTTP
- B. TFTP
- C. Ping
- D. FTP

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 48

FAT AP can independently complete wireless user access, wireless user authentication, and business data forwarding without AC. ()

- A. False
- B. True

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 49

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. False
- B. True

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 50

Which of the following port statuses may exist on an STP-enabled switch?

- A. Discarding
- B. Listening
- C. Disabled
- D. Forwarding

Answer: A,B,D ([LEAVE A REPLY](#))

Comprehensive Explanation: In STP (Spanning Tree Protocol), ports can be in several states, including:

* Discarding: The port is not forwarding traffic, either because it is in a blocking state or not participating in active forwarding.

* Listening: The port is processing BPDUs and is preparing to transition to either the learning or forwarding state. No data frames are forwarded during this state.

* Forwarding: The port is actively forwarding traffic as part of the active network topology.

The "Disabled" state is not part of the STP protocol but rather represents a port that is administratively shut down or not participating in the STP process.

NEW QUESTION: 51

Refer to the following commands run on GigabitEthernet0/0/1 and GigabitEthernet0/0/2. Which of the following statements are true?

- A. The PVID of GigabitEthernet0/0/1 is 1.
- B. The PVID of GigabitEthernet0/0/2 is 1.
- C. The PVID of GigabitEthernet0/0/1 is 10.
- D. The PVID of GigabitEthernet0/0/2 is 10.

Answer: B,C (LEAVE A REPLY)

Explanation:

NEW QUESTION: 52

Which of the following statements about IPv6 RA. and RS messages are correct? ()

- A. RS is used to reply address prefix information
- B. RA. Used to request address prefix information
- C. RA. Used to reply address prefix information
- D. RS is used to request address prefix information

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 53

The priority of the LACP protocol is shown in the figure. Switch A and Switch B adopt LACP mode link aggregation, and all interfaces are added to the link aggregation group. At the same time, set the maximum number of active ports to 3. Then which port of switch A is not an active port ? ()

(Single-choice question)



- A. G0/0/2
- B. G0/0/1

C. G0/0/3

D. G0/0/0

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 54

Refer to the following configuration of an interface on a switch. What is the PVID of the interface?

```
interface GigabitEthernet0/0/1
```

```
port hybrid tagged vlan 2 to 3 100
```

```
port hybrid untagged vlan 4 6
```

A. 2

B. 100

C. 1

D. 4

Answer: (SHOW ANSWER)

The PVID (Port VLAN ID) for a hybrid port refers to the VLAN that is assigned to untagged traffic. In this case, VLAN 4 is specified as untagged, making it the PVID for this interface. Traffic received without a VLAN tag is associated with VLAN 4 upon entering the switch.

NEW QUESTION: 55

When the LCP phase of PPP is negotiated, the content of the negotiation includes (*)

A. Magic word

B. Authentication protocol

C. IP address

D. MRU

Answer: A,B,D ([LEAVE A REPLY](#))

NEW QUESTION: 56

(When a network engineer enters a command, the following information is displayed:

Error: Unrecognized command found at 'A' position. Which of the following statements is true about such information?)

A. The entered parameter is not specified.

B. The entered command is incomplete.

C. The parameter type is incorrect.

D. No keyword is found.

Answer: (SHOW ANSWER)

* Error Analysis: The error message indicates that the command entered is not recognized by the device.

This typically occurs when the syntax is incorrect or the first keyword of the command is unrecognized.

The system identifies the problem location ('A' position), which points to the initial part of the command.

* Analysis of Options:

* Option A: "The entered parameter is not specified" refers to cases where a valid command is incomplete due to missing parameters, not an unrecognized command. This is unrelated to the error displayed.

* Option B: "The entered command is incomplete" applies when additional parameters are needed to complete the command. However, the system explicitly states "unrecognized command," ruling this out.

* Option C: "The parameter type is incorrect" refers to an error where a parameter is of the wrong type (e.g., string instead of integer). This is not related to keyword recognition.

* Option D: "No keyword is found" directly aligns with the error message, as the system cannot recognize the first keyword of the command, making it the correct answer.

NEW QUESTION: 57

STA. Before associating to AP, it needs to obtain SSID through some message exchange. What are these messages? ()

A. Beacon

B. Discovery

C. Probe

D. ResponseProbe Request

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 58

What is the port number used by the FTP protocol control plane? ()

A. 21

B. 23

C. 22

D. 24

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 59

It is advised to assign static IP addresses to servers during campus network planning.

A. TRUE

B. FALSE

Answer: A ([LEAVE A REPLY](#))

Static IP addressing for servers in campus network planning is crucial for maintaining stable network access to server resources. Static IPs ensure that critical devices like servers have fixed addresses, allowing for predictable network access and reducing potential IP conflicts, which enhances network reliability. This practice is endorsed in Huawei's guidelines for effective campus network design and is considered a best practice for managing servers on a network.

NEW QUESTION: 60

On VRP, the command lines are classified into four levels in increasing priority: Visit level, Monitoring level, Configuration level, and Management level. At which level, the operator is permitted to configure service but is not permitted to operate the file system?

- A. Visit level
- B. Configuration level
- C. Monitoring level
- D. Management level

Answer: B (LEAVE A REPLY)

Explanation:

NEW QUESTION: 61

If the network administrator assigns the IPv4 address 192.168.1.1/28 to a host on the network, how many hosts can be added to the network where the host resides?

- A. 13
- B. 15
- C. 14
- D. 12

Answer: C (LEAVE A REPLY)

Explanation:

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NEW QUESTION: 62

If Spanning Tree Protocol (STP) is disabled on the network consisting of switches, a Layer 2 loop will definitely occur.

- A. TRUE
- B. FALSE

Answer: A (LEAVE A REPLY)

Disabling STP on a network with redundant paths between switches leads to a Layer 2 loop, which can cause broadcast storms and network congestion. STP is essential for preventing such loops by blocking redundant paths until needed for redundancy, ensuring network stability.

NEW QUESTION: 63

Which of the following statements about single-arm routing are correct? (*)

- A. Only one physical link is used between the switch and the router to connect
- B. Need to create a subinterface on the router
- C. One physical connection per vlan
- D. On the switch, configure the port connected to the router as a Trunk port and allow the relevant vlan frames to pass

Answer: A,B,D ([LEAVE A REPLY](#))

NEW QUESTION: 64

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 65

When the router forwards a data packet, if it does not match the corresponding detailed route and there is no default route, it will directly discard the data packet ()

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 66

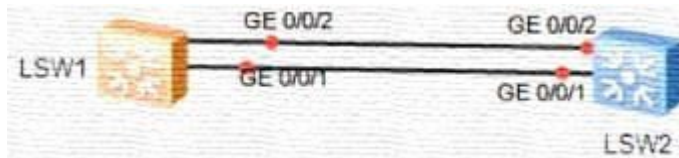
According to the one-armed routing configurations shown in the figure, even if ARP proxy is disabled on the sub-interface of R1, the Administration Dept and Finance Dept can still communicate with each other.

- B. Interface GigabitEthernet0/0/0.10 Dot1q termination vid.10 ip address10.0.12.2\n255.255.255.0
Arp broadcast enable#
- C. Interface GigabitEthernet0/0/0.10 Dot1q termination vid.20 ip address10.0.12.2\n255.255.255.0
Arp broadcast enable#
- D. Interface GigabitEthernet0/0/0.20 Dot1q termination vid.20 ip address10.0.12.2\n255.255.255.0
Arp broadcast enable#

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 68

Two switches use manual link aggregation at the same time. The following statement is wrong. ()
(Single- choice question)



- A. Turn off the G0/0/1 and G0/0/2 ports on switch B, and the Eth-Trunk status is still UP
- B. Only switch off G0/0/2 port on switch B. The Eth-Trunk status is still UP
- C. D. Turn off the G0/0/1 and G0/0/2 ports on switch B. The Eth-Trunk status is down
- D. C. Only switch off G0/0/1 port on switch B. The Eth-Trunk status is still UP

Answer: A (LEAVE A REPLY)

NEW QUESTION: 69

The output information of a certain router is shown in the figure. Which of the following statements are correct? () (Multiple Choice Questions)

```

<R1>dis ospf peer
OSPF Process 1 with Router ID 10.0.2.2
Neighbors
Area 0.0.0.0 interface 10.0.12.2 ( GigabitEthernet0/0/0 ) 's neighborsRouter
ID:10.0.1.1Address:10.0.12.1
State:Full Mode:Nbr is Slave Priority:1
DR:10.0.12.2BDR:10.0.12.1MTU:0
Dead timer due in 32 sec
Retrans timer interval:5
Neighbor is up for 00:03:30
Authentication Sequence:0]
  
```

- A. The Router ID of the router is 10.0.1.1
- B. This router is DR
- C. The interface address of this router is 10.0.12.2
- D. The Router ID of the router is 10.0.2.2.

Answer: (SHOW ANSWER)

NEW QUESTION: 70

VRP operating system commands are divided into four levels: access level, monitoring level, configuration level, and management level. Which level can run various business configuration commands but cannot operate the file system? ()

- A. Configuration level
- B. B. Monitoring level
- C. C. Access level
- D. D. Management level

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 71

After link authentication is completed, STA. will continue to initiate link service negotiation. Which of the following messages will be used to achieve the specific negotiation? ()

- A. Join
- B. Handshake
- C. Association
- D. Negotiate

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 72

The following description of the Forwarding status in the spanning tree protocol is wrong (). (*)

- A. Ports in the Forwarding state can receive BPDU packets
- B. The port in the Forwarding state does not learn the source MAC address of the packet.
- C. Ports in the Forwarding state must send BPDU message
- D. Ports in the Forwarding state can forward data packets

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 73

Which of the following descriptions about Trunk port and Access port are correct ()

- A. Access port can only send tagged frames
- B. Trunk port can only send untagged frames
- C. Trunk port can only send tagged frame
- D. The Access port can only send untagged.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 74

The origin of SDN is the separation of transfer and control. The separation of transfer and control is a way to realize SDN, not the essence. ()

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 75

In STP, the bridge ID on the switching network is as follows. With which of the following bridge IDs is the switch selected as the root bridge?

- A. 32768 00-01-02-03-04-BB
- B. 4096 00-01-02-03-04-DD
- C. 32768 00-01-02-03-04-CC
- D. 32768 00-01-02-03-04-AA

Answer: B (LEAVE A REPLY)

Comprehensive Explanation: In STP, the switch with the lowest Bridge ID is selected as the root bridge.

The Bridge ID consists of the bridge priority and the MAC address. In this case, the switch with the bridge priority of 4096 has the lowest Bridge ID, making it the root bridge. If two switches have the same bridge priority, the MAC address is used to break the tie, with the lower MAC address winning.

NEW QUESTION: 76

What is used as the data link-layer MAC address that identifies each VAP on an AP?

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

Answer: (SHOW ANSWER)

The BSSID (Basic Service Set Identifier) serves as the MAC address identifier for each Virtual Access Point (VAP) on an AP. Each BSSID uniquely identifies an SSID on a specific radio of an AP, allowing clients to associate with the correct access point in a multi-AP environment.

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NEW QUESTION: 77

As shown in the figure, it can be judged that 00e0-fc99-9999 is the specific host and MAC address learned by the switch through ARP. And the host has changed its IP address three times? () (Single-choice question)

10.137.217.21000e0-fc01-0203E1/0/0

10.2.2.100e0-fc99-9999Eth-Trunk 1
192.168.20.100e0-fc99-9999vlan100
10.0.0.100e0-fc99-9999vlan200

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 78

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

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 79

Which of the following are not the characteristics of a small campus network? ()

- A. Simple network level
- B. Simple network requirements
- C. Wide coverage
- D. Fewer users

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 80

On Huawei routers, what is the default value of the OSPF protocol internal routing priority? ()

- A. 0
- B. 20
- C. 10
- D. 30

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 81

Which of the following IPv6 addresses is a multicast address? ()

- A. FE80:2EO:FCFF:FEEF:FEC
- B. 2000::2EO:FCFF:FEEF:FEC
- C. FC00:2EO:FCFF:FEEF:FEC
- D. FF02::2EO:FCFF:FEEF:FEC

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 82

Which of the configurations in the following options belong to a Layer 2 ACL? ()*

- A. rule 10 permit 12-protocol arp
- B. rule 20 permit source-maC.0203-0405-0607
- C. rule 25 permit source 192.168.1.1 0.0.0.0
- D. rule 15 permit vlan-iD.100

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 83

Which of the following descriptions of wireless devices is correct? ()

- A. FIT AP generally independently completes user access, authentication, service forwarding and other functions
- B. FAT AP. Generally work with wireless controller
- C. The wireless controller AC is generally located at the convergence layer of the entire network, providing high-speed, safe and reliable VLAN services
- D. The wireless device does not have a wired interface

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 84

In RSTP mode, both alternate and backup ports cannot forward user traffic and cannot receive, process, and send BPDU.

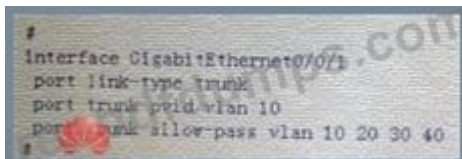
- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

In RSTP, both alternate and backup ports do not forward user traffic, but they can still receive and process BPDUs (Bridge Protocol Data Units). This allows the network to quickly reconfigure if the active path fails, as these ports are already participating in spanning tree calculations.

NEW QUESTION: 85

The switch G0/0/1 port configuration information is shown in the figure. Which VLAN data frame does the switch forward without VLANTAG? ? () (Single-choice question)



```
#
interface GigabitEthernet0/0/1
port link-type trunk
port trunk pvid vlan 10
port trunk allow-pass vlan 10 20 30 40
#
```

- A. D. 40
- B. B. 30
- C. C. 20

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 86

Which of the following is not a characteristic of small campus networks?

- A. Simple network requirements
- B. Wide coverage
- C. Simple network architecture
- D. Small number of users

Answer: ([SHOW ANSWER](#))

Detailed Explanation: Small campus networks are characterized by simple architecture, limited user counts, and straightforward network requirements. Wide coverage is typically associated with larger campus or enterprise networks. (Reference: HCIA-Datacom Training Material, Campus Network Characteristics)

NEW QUESTION: 87

The election of the root switch in STP only compares the priority of the switch, while in RSTP, the priority of the switch and the MAC address are compared at the same time. ()

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 88

Which of the following statements about Prefix Segment is wrong? ()

- A. Prefix Segment spreads to other network elements through the IGP protocol, which is globally visible and effective
- B. Prefix Segment is used to identify a destination address prefix in the network (Prefix)
- C. Prefix Segment needs to be configured manually

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 89

What is the priority value of the direct route entry? ()

- A. 0
- B. D. 20
- C. B. 30
- D. C. 10

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 90

OSPF Router ID. It must be the same as the IP address of an interface on the router.

- A. False
- B. True

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 91

What identifies the coverage area of an AP in a WLAN? ()

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

Answer: A ([LEAVE A REPLY](#))

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NEW QUESTION: 92

If the configured ACL rules have an inclusive relationship, it should be noted that the rule numbers of strict conditions need to be sorted first, and the rule numbers of loose conditions need to be sorted later to prevent packets from hitting the rules of loose conditions and stop being pushed down to continue matching. Cannot hit the strict conditions of the rules. ()

- A. False
- B. True

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 93

In order to distinguish between different users and provide different network services on the AP. Which of the following can be configured through configuration? ()

- A. VT
- B. VAC
- C. B. VAP
- D. D. WAP

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 94

The load sharing mode at both ends of the Eth-Trunk can be inconsistent ()

- A. True
- B. False

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 95

FIT AP can work independently without relying on AC. ()

- A. True

B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 96

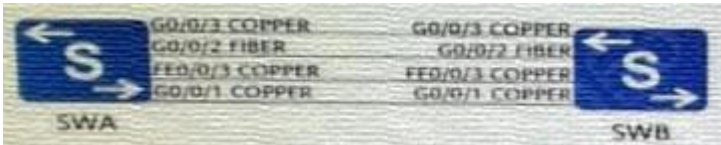
What are the ACL classifications*

- A. Layer 2 ACL
- B. Advanced ACL
- C. Basic ACL
- D. User-defined ACL

Answer: A,B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 97

The network shown in the figure below. Two switches are connected by four links. COPPER refers to electrical interface and FIBER refers to optical interface. Then which two interfaces can realize link aggregation? () (Single-choice question)



- A. G0/0/2 and FE0/0/3
- B. G0/0/3 and FE0/0/3
- C. G0/0/2 and G0/0/1
- D. G0/0/3 and G0/0/2

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 98

The ACL on the ARG3 series routers supports two matching sequences, configuration sequence and automatic sorting. ()

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 99

A device has been configured to complete Telnet configuration. The device login address is 10.1.1.10. The Telnet user name is admin and the password is Huawei (@123. The following is the correct way to log in to this device using telnetlib. ()

- A. telnetlib.Telnet (10.1.1.0, 23, admin, Huawei@123)
- B. telnetlib.Telnet 10.1.1.0, 23, Huawei@123)
- C. telnetlib.Telnet (10.1.1.0, admin
- D. telnetlib.Telnet (10.1.1.0)

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 100

Which of the following attributes cannot be used as a measure of CoThe parameter of st? (*)

- A. Sysname
- B. Hop count
- C. Time delay
- D. bandwidth

Answer: A,C (LEAVE A REPLY)

NEW QUESTION: 101

When the Access type port sends a message, it will ().

- A. Strip the VLAN information of the high packet, and then send it out
- B. Type the PVID. information of this port, and then send it out
- C. Add the VLAN information of the message, and then send it out
- D. C. Send tagged messages

Answer: A (LEAVE A REPLY)

NEW QUESTION: 102

The role of the OSPF protocol is

- A. B. Transmit MAC information
- B. C. Pass ARP information
- C. Pass routing information
- D. D. No effect

Answer: C (LEAVE A REPLY)

NEW QUESTION: 103

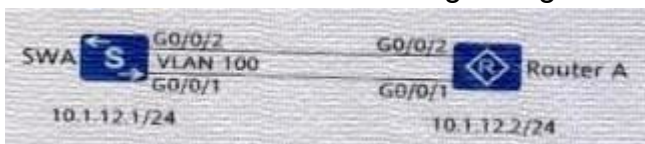
What is the main function of the dynamic routing protocol? ()

- A. Dynamically generate routing entries
- B. D. Control router interface status
- C. B. Generate IP address

Answer: B (LEAVE A REPLY)

NEW QUESTION: 104

In the network shown in the figure below, switch A and router A are connected by two links, and the two links are aggregated in manual load sharing mode. The aggregated port number is 1, and the aggregated link performs data forwarding It needs to carry VLAN TAG100, and switch A uses trunk link. Which of the following configurations should be used for switch A? ()



- A. interface Eth-Trunk 1

Port link-type trunk

```

Port trunk allow-pass vlan 100#
Interface GigabitEthernet0/0/1Eth-trunk 1
#
Interface GigabitEthernet0/0/2Eth-trunk 1
#
B. interface Eth-Trunk 1
Ip address10.0.12.1255.255.255.0#
C. interface Eth-Trunk 1
Mode lacp-static
Port link-type trunk
Port trunk allow-pass vlan 100#
Interface GigabitEthernet0/0/1Eth-trunk 1
#
Interface GigabitEthernet0/0/2Eth-trunk 1
#
D. interface Vlanif 100
Ip address10.0.12.1255.255.255.0
#

```

Answer: C (LEAVE A REPLY)

NEW QUESTION: 105

Which of the following commands can change the device name to huawei? ()

- A. D. Do name Huawei
- B. Sysname Huawei
- C. C. Rename Huawei

Answer: (SHOW ANSWER)

NEW QUESTION: 106

As shown in the figure, when the switch needs to forward frames with the destination mac address of 5489-

98ec-f011, which of the following descriptions is correct? () (Single-choice question)



- A. The switch did not find a matching entry in the mac address table. So the frame will be discarded
- B. The switch will send a message that the destination is unreachable to the source device
- C. The switch needs to send a request to discover the device with the mac address of 5489-98ec-f011

D. The switch will be All ports outside flood the frame

Answer: ([SHOW ANSWER](#))


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NEW QUESTION: 107

Refer to the following display vlan command output on SWA. Which of the following interfaces can forward untagged data frames from VLAN 40?

```
<SWA>display vlan
The total number of vlans is : 5
-----
U: Up,           D: Down,       TG: Tagged,     UT: Untagged,
MP: Vlan-mapping; ST: Vlan-stacking;
#: ProtocolTransparent-vlan; *: Management-vlan;
-----
VID  Type    Ports
-----
10   common  UT:GEO/0/1(U)  GEO/0/2(U)
20   common  TG:GEO/0/1(U)  GEO/0/5(U)
30   common  TG:GEO/0/1(U)
40   common  UT:GEO/0/5(U)
                    TG:GEO/0/1(U)  GEO/0/3(U)
                    GEO/0/4(U)
-----
```



- A. GE0/0/2
- B. GE0/0/3
- C. GE0/0/4
- D. GE0/0/5

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 108

Which of the following packets are OSPF packets?

- A. LSA
- B. HELLO
- C. LSR

D. LSU

Answer: A,B,C,D ([LEAVE A REPLY](#))

Detailed Explanation: All listed options are valid OSPF (Open Shortest Path First) packet types:

- * HELLO packets establish and maintain neighbor relationships.
- * LSR (Link State Request) packets are used to request missing link-state information.
- * LSU (Link State Update) packets contain link-state advertisements for OSPF routers.
- * LSA (Link State Advertisement) packets carry route information. (Reference: HCIA-Datacom Training Material, OSPF Packet Types)

NEW QUESTION: 109

Which of the following SNMP packets are sent to the NMS by the Agent on the managed device
()

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 110

When an Ethernet frame is received by an interface on a Layer 2 Ethernet switch, which field is used to generate an entry in the MAC address table?

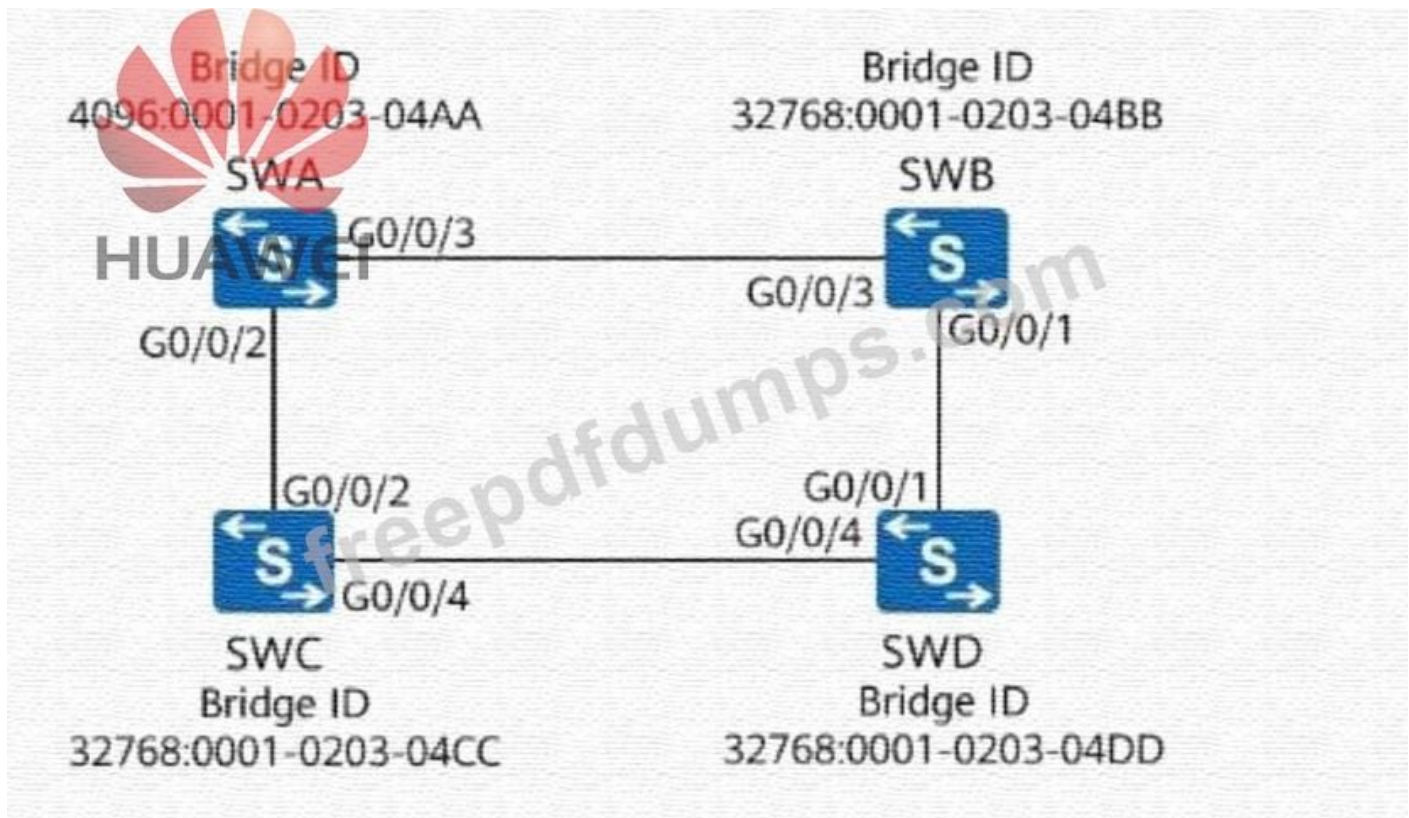
- A. Destination MAC address
- B. Source MAC address
- C. Source IP address
- D. Destination IP address

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 111

As shown in the figure, all switches run STP. Assume that the path cost of all ports is 200. What is the root path cost contained in the configuration BPDU received by G0/0/4 on SWD?



- A. 0
- B. 400
- C. 200
- D. 600

Answer: D ([LEAVE A REPLY](#))

Explanation:

NEW QUESTION: 112

Which of the following types of addresses are not included in IPv6 addresses? ()

- A. Unicast address
- B. Broadcast address
- C. Anycast address
- D. Multicast address

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 113

The Huawei tracert diagnostic attack is used to track the forwarding path of data ()

- A. False
- B. True

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 114

What is the protocol number corresponding to the ospf protocol at the network layer? ()

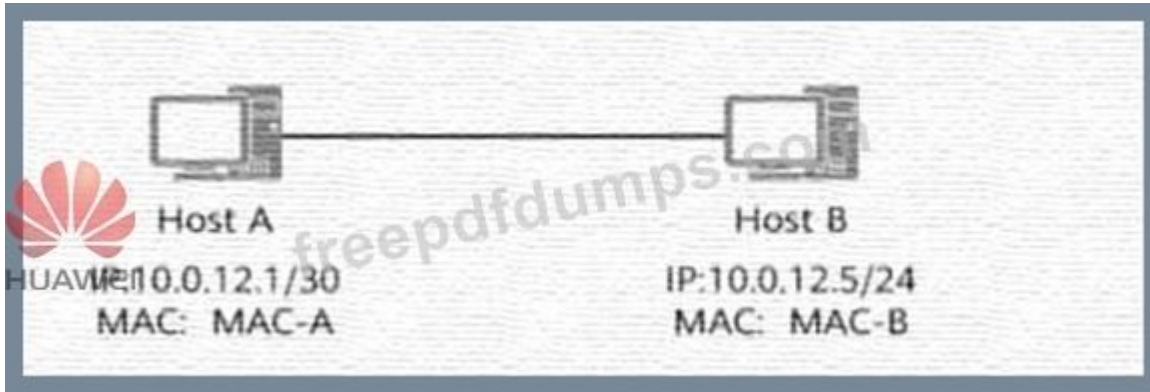
- A. 0

- B. D. 1
- C. B. 6
- D. 89

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 115

On the network shown in the figure, Host A and Host B cannot communicate with each other.



- A. TRUE
- B. FALSE

Answer: A ([LEAVE A REPLY](#))

Comprehensive Explanation: Host A and Host B cannot communicate because they are in different subnets.

Host A's IP address is 10.0.12.1/30, while Host B's IP address is 10.0.12.5/24. Since they are in different subnet ranges and there is no router in the diagram to perform inter-subnet routing, direct communication between them is not possible without a router to route traffic between the different subnets.

NEW QUESTION: 116

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. False
- B. True

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 117

In the STP protocol, which of the following factors will affect the election of the root switch? (*)

- A. Switch interface bandwidth
- B. MAC address of the switch
- C. Switch priority
- D. Switch interface ID
- E. IP address of the switch

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 118

Which of the following commands can switch a view from the system view to the user view?

- A. System-view
- B. User-view
- C. Quit
- D. Router

Answer: ([SHOW ANSWER](#))

Comprehensive Explanation: The quit command is used to return from the system view to the user view in Huawei's VRP (Versatile Routing Platform). This command allows users to exit the current configuration mode and revert to the default user view. For example, when you are in the system view and you want to return to the user view, typing quit takes you back to the initial prompt without saving the current configuration.

NEW QUESTION: 119

In what ways does VRP support router configuration? (*)

- A. Configure the router through the Console port
- B. Configure the router through the mini USB port
- C. Configure the router via FTP
- D. Configure the router via Telnet

Answer: A,B,D ([LEAVE A REPLY](#))

NEW QUESTION: 120

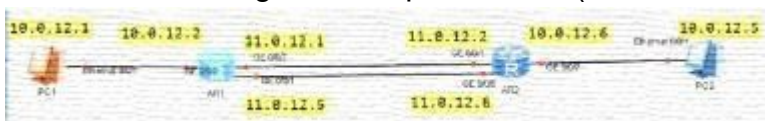
The following description of the Router ID of OSPF is incorrect (*).

- A. The Router ID in the same area must be the same, and the Router ID in different areas can be different
- B. The prerequisite for the normal operation of the OSPF protocol is that the router has a Router ID
- C. Router ID. Must be the IP address of an interface on the router
- D. The Router ID must be specified by manual configuration

Answer: A,B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 121

When a company's network management needs to plan the network, the data packets that allow PC1 to access PC2 go through the G0/0/0 port (G0/0/2 on the picture). The data packet that PC2 accesses to PC1 goes from port G0/0/4 (G0/0/0 in the picture). (Single-choice question)



A. 10.0.12.5255.255.255.11.0.12.6

#10.0.12.1255.255.255.11.0.12.1

B. 10.0.12.5255.255.255.11.0.12.210.

0.12.1255.255.255.25511.0.12.5

C. 0.0.0.0

#0.0.0.0

0

#11.0.12.2

#11.0.12.5

0

D. 0.0.0.00.0.0.00

#11.0.12.6

#11.0.12.1

0

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 122

In RSTP, an edge port becomes a common STP port after receiving a configuration BPDU.

A. TRUE

B. FALSE

Answer: A ([LEAVE A REPLY](#))

Detailed Explanation:

In RSTP (Rapid Spanning Tree Protocol), if an edge port receives a BPDU (Bridge Protocol Data Unit), it loses its edge status and becomes a regular STP port. This ensures that the edge port behaves as expected when connecting to another switch.

NEW QUESTION: 123

UDP is connectionless and must rely on () to ensure the reliability of transmission.

A. Network layer protocol

B. B. Transmission Control Protocol

C. D. Application layer protocol

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 124

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

- A. True
- B. False

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 125

Which of the following interfaces are not open to Huawei controllers?

- A. RESTful
- B. NETCONF
- C. AAA
- D. OpenFlow

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 126

When using the ping command on the VRp platform, if you need to specify an IP address as the source address of the echo request message, which of the following parameters should be used?

- ()
- A. D. =-1n
 - B. =-a
 - C. =-d
 - D. B. =-S

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 127

The output information of the router is shown in the figure. Which of the following statements is wrong? () (Single-choice question)

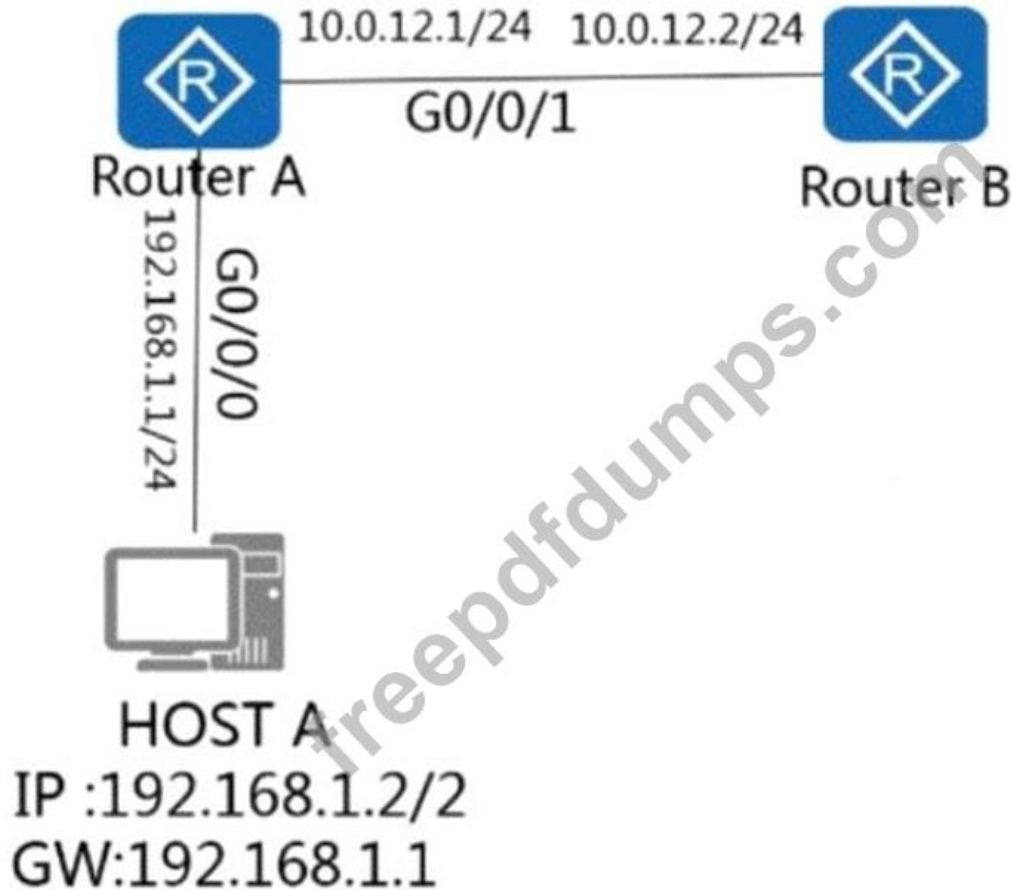
```
RI>display ip interface Ethernet 0/0/0
Ethernet0/0/0 current state : UP
line protocol current state : UP
The Maximum Transmit Unit : 1500 bytes
input packets : 3645, bytes : 287463, multicasts : 3590
output packets : 3715, bytes : 294616, multicasts : 3654
directed-broadcast packets:
  received packets: 0, sent packets: 0
  forwarded packets: 0, dropped packets: 0
IP packet input number: 29
  Request packet:
  Reply packet:
  Unknown packet:
Internet Address is 10.0.12.1/24
Broadcast address : 10.0.12.255
```

- A. B. The physical link of the Ethernet0/0/0 interface is normal
- B. The broadcast address corresponding to the AEthernet0/0/0 interface is 10.0.12.255
- C. Ethernet0/0/0 interfaceThe MTU value is 1480
- D. D. Ethernet (The IP address of the /0/0 interface is 10.0.12.1/24

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 128

On the network shown in the figure, host A logs in to router A through Telnet and obtains the configuration file of router B through FTP on the remote CLI. How many TCP connections exist on router A?



- A. 1
- B. 3
- C. 4
- D. 2

Answer: B (LEAVE A REPLY)

Router A would have three TCP connections in this scenario:

- * One for the Telnet session from host A to router A.
- * One for the FTP control connection to router B.
- * One for the FTP data connection to transfer the configuration file. These TCP connections facilitate the remote login and file transfer across the network.

NEW QUESTION: 129

Which of the following statements are true about the dynamic MAC address table?

- A. Dynamic MAC address entries are obtained by learning the source MAC addresses of packets received by an interface and can be aged out.

- B. After a device is reset, an interface card is hot-swapped, or an interface card is reset, dynamic MAC address entries on the device or interface card are lost.
- C. You can obtain the number of users communicating on an interface by checking the number of specified dynamic MAC address entries.
- D. After a device is reset, an interface card is hot-swapped, or an interface card is reset, the saved entries on the device or interface card are not lost.

Answer: A,B,C (LEAVE A REPLY)

Explanation:

NEW QUESTION: 130

The tracert diagnostic tool in Huawei routers is used to track the data forwarding path. ()

- A. False
- B. True

Answer: B (LEAVE A REPLY)

NEW QUESTION: 131

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 132

The network shown in the figure below. Host A is not configured with a gateway, and Host B has the ARP cache of the gateway. Which of the following statements are correct? () (Multiple Choice Question) The answer describes the address wrong



- A. Enable proxy ARP on port G0/0/1 of the router, Then host A can communicate with host B
- B. The data packet sent by host B with the destination P address of 10.0.12.1 can be forwarded to host A
- C. D. Host A and Host B cannot communicate in both directions
- D. The data packet sent by host A with the destination P address 10.0.12.1 (this address is changed to 11.0.12.1) can be forwarded to host B

Answer: A,B,D (LEAVE A REPLY)

NEW QUESTION: 133

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

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 134

An administrator wishes to configure a floating static route. In order to successfully achieve this, which operation should be performed?

- A. The administrator is required to configure different route tags for the primary static route and floating static route.
- B. The administrator is only required to configure two static routes.
- C. The administrator is required to configure a different preference value for the primary static route and floating static route.
- D. The administrator is required to configure a different cost metric for the primary static route and floating static route.

Answer: C ([LEAVE A REPLY](#))

A floating static route is configured by assigning a higher preference value to the backup route. This ensures that the backup route (floating route) is used only when the primary route is unavailable. Lower preference values indicate higher priority.

NEW QUESTION: 135

The router receives a data packet with a destination IP address of 11.0.12.1 from host A. After this data packet is forwarded by the router, what are the destination MAC. and destination IP? ()

- A. D. MAC-B.11.0.12.1
- B. B. MAC-D.10.0.12.2
- C. MAC-D.11.0.12.1

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 136

The RSTP protocol uses the P/A mechanism to speed up the upstream port's transition to the Forwarding state, but what is the reason for no temporary loop? ()

- A. Edge port
- B. Reduced the time of ForwarD.Delay
- C. Ensure that there will be no temporary loops through the synchronization mechanism
- D. Speed up port role election

Answer: C ([LEAVE A REPLY](#))

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NEW QUESTION: 137

Which of the following statements about the default route are correct? ()

- A. The default route can only be manually configured by the administrator
- B. In the routing table, the default route appears in the form of a route to the network 0.0.0.0 (the mask is also 0.0.0.0)
- C. There must be a default route in the routing table of any router
- D. If the destination address of the message cannot match any other routing entries in the routing table, the router will forward the message according to the default route

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 138

In standard STP mode, which of the following non-root switches will forward the C-set BPDU generated by the root switch? ()

- A. Root port
- B. Backup port
- C. Designated port
- D. Preparatory port

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 139

Which of the following packets are exchanged between STAs and an AP to obtain the AP's SSID before association with the AP?

- A. Probe Request
- B. Discovery
- C. Probe Response
- D. Beacon

Answer: A,C,D ([LEAVE A REPLY](#))

Detailed Explanation:

* Probe Request: Sent by the client to detect nearby APs.

* Probe Response: Sent by APs in response to the client's request.

* Beacon: Periodically broadcast by APs to announce their presence and SSID. The Discovery packet type does not exist in the 802.11 standard.

(Reference: HCIA-WLAN Training Material, WLAN Packet Types)

NEW QUESTION: 140

CSS refers to the combination of two switch devices that support cluster features. Logically combined into one switch device. ()

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 141

Which of the following authentication methods does not require the user name and password? ()

- A. D. Authentication-mode hwtacacs
- B. authentication-mode none
- C. C. authorization-mode hwtacacs

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 142

OSPF protocol needs to elect DR and BDR in which of the following network types? ()*

- A. Broadcast type
- B. Point-to-multipoint
- C. NBMA
- D. Point-to-point type

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 143

The TCP protocol uses the three-way handshake mechanism to establish and disable connections. Therefore, TCP supports reliable data transmission.

- A. TRUE
- B. FALSE

Answer: A ([LEAVE A REPLY](#))

Detailed Explanation: The TCP protocol ensures reliable data transmission by using a three-way handshake to establish a connection and a four-way handshake to terminate it. This handshake process helps ensure that both parties are synchronized and agree on communication parameters before data transmission begins.

Additionally, mechanisms such as sequence numbers and acknowledgments ensure that data is received correctly and in order .

NEW QUESTION: 144

Which of the following is not a type of OSPF LSA?

- A. LSA
- B. LSU
- C. LSR

D. LSACK

Answer: A (LEAVE A REPLY)

Detailed Explanation:LSAs (Link-State Advertisements) are the fundamental OSPF messages used to convey network topology information. LSU (Link-State Update), LSR (Link-State Request), and LSACK (Link-State Acknowledgment) are all types of messages related to OSPF's operations, but "LSA" alone is not a valid OSPF message type.

NEW QUESTION: 145

In the case of Huawei routers, what is the "-i" parameter in a Ping command issued on a VRP operating system used to set?

- A. Destination IP address for receiving an Echo Reply packet.
- B. Interface for receiving an Echo Reply packet.
- C. Source IP address for sending an Echo Request packet.
- D. Interface for sending an Echo Request packet.

Answer: (SHOW ANSWER)

Comprehensive Explanation: The "-i" parameter in the Ping command on Huawei VRP (Versatile Routing Platform) is used to specify the source IP address for sending an Echo Request (ping) packet. This is useful in cases where the router has multiple interfaces and you want to control which interface is used to initiate the ping. By defining the source IP address, the ping request can be sent from a specific interface on the router, enabling network administrators to test connectivity from that interface.

NEW QUESTION: 146

Which of the following parameters is used to elect the root bridge in STP?

- A. Bridge ID
- B. System name of the switch
- C. Port ID
- D. Root path cost

Answer: A (LEAVE A REPLY)

The Bridge ID, a combination of bridge priority and MAC address, is used to determine the root bridge in STP. The switch with the lowest Bridge ID becomes the root bridge. If bridge priorities are identical, the switch with the lowest MAC address is selected as the root bridge.

NEW QUESTION: 147

Which of the following is not the reason why RSTP can increase the speed of convergence? ()

- A. B. The introduction of edge ports
- B. Forward.Delay cancelled
- C. D. P/A. Mechanism

Answer: C (LEAVE A REPLY)

NEW QUESTION: 148

The following description about the specified port of the spanning tree is correct ()

- A. D. The port on the root switch must be a designated port
- B. C. Each switch has only one designated port
- C. B. The port on the root switch must not be a designated port
- D. The designated port can forward configuration BPDU packets to the network segment connected to it

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 149

When planning a campus network, which of the following mask lengths is recommended for device interconnection IP addresses? ()

- A. 24
- B. 16
- C. 30
- D. 32

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 150

What is the protocol number of OSPF at the network layer?

- A. 0
- B. 89
- C. 6
- D. 1

Answer: B ([LEAVE A REPLY](#))

Detailed Explanation:OSPF (Open Shortest Path First) uses protocol number 89 at the network layer. This distinguishes OSPF packets from other protocols such as TCP (protocol number 6) and ICMP (protocol number 1) .

NEW QUESTION: 151

Which extension headers are supported by IPv6 packets?() *

- A. VLAN extension header
- B. Fragment extension header
- C. Destination option extension header
- D. Hop-by-hop option extension header

Answer: (SHOW ANSWER)

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NEW QUESTION: 152

By default, it takes at least 30s for the port status in the STP protocol to change from Disable D. to Forwarding status. ()

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 153

On an interface that uses PPP as the data link layer protocol, you can configure a static route by specifying the next hop address or outgoing interface. ()

- A. True
- B. False

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 154

Which NAT can convert multiple private network addresses into one public network address to access the public network at the same time

- A. NAT
- B. Static NAT
- C. Dynamic NAT
- D. Easy IP

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 155

As shown in the figure, host A and host B want to implement inter-VLAN communication through single-arm routing. What configuration should be done under the G0/0/1.1 interface of RTA?() (Single-choice question)



A. D. dot1q termination vid 30

B. C. dot1q termination vid 20

C. dot1q termination vid 10

Answer: B (LEAVE A REPLY)

NEW QUESTION: 156

Which of the following descriptions regarding the TTL field of the IP packet is correct?

A. The TTL value will decrement by 1 each time the packet is routed.

B. The TTL defines the duration during which the source can send packets.

C. The TTL defines how many packets the source can send.

D. The TTL value will increment by 1 each time the packet is routed.

Answer: A (LEAVE A REPLY)

Detailed Explanation: The Time to Live (TTL) field in an IP packet is decremented by 1 each time the packet passes through a router. When the TTL reaches zero, the packet is discarded to prevent it from circulating indefinitely. (Reference: HCIA-Datacom Training Material, IP Packet Structure)

NEW QUESTION: 157

What are the advantages of using DHCP to allocate IP addresses?

A. DHCP can prevent IP address conflicts.

B. DHCP provides heavy workload and is difficult to manage.

C. IP addresses can be reused.

D. If the configuration information changes, for example, the DNS server address changes, the administrator only needs to modify the configuration information on the DHCP server, facilitating unified management.

Answer: A,C,D (LEAVE A REPLY)

Detailed Explanation: Using DHCP provides several advantages:

* It helps prevent IP address conflicts because the DHCP server dynamically assigns IP addresses, ensuring each device gets a unique one.

* IP addresses can be reused by setting lease times, allowing the DHCP server to recycle addresses from devices that no longer need them.

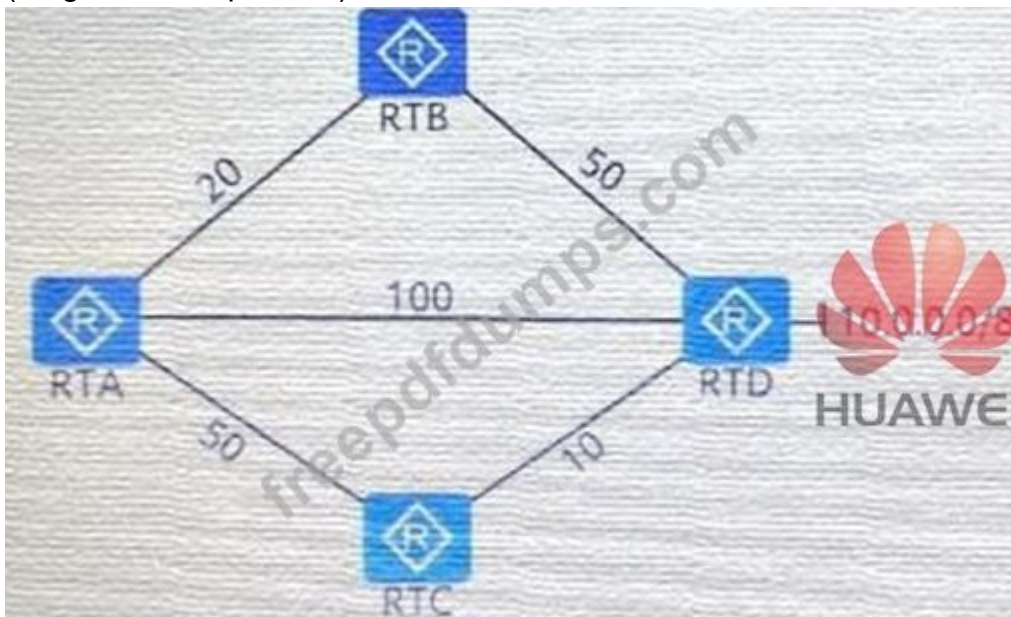
* Centralized configuration management is also possible. If network configuration details such as the DNS server change, the administrator can update these settings on the DHCP server, and all DHCP clients will automatically receive the new information.

NEW QUESTION: 158

The network shown in the figure below. All routers run OSPF. The link cost value is shown in the figure.

What is the cost value of the route entry to the network 10.0.0.0/8 in the RTA routing table? ()

(Single-choice question)



- A. 20
- B. 60
- C. 100
- D. 70

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 159

A certain ACL of the router is in the following rules, rule deny source 192.168.2.0.0.255 destination

172.16.10.20.0.0.0 Which of the following statements is correct? ()

- A. All TCP packets whose source IP is 192.168.2.1 and destination IP is 172.16.10.1 match this rule
- B. C. source IP is 172.16.10.2 and all TCP packets whose destination IP is 192.168.2.0 match this rule
- C. The source IP is 172.16.10.2. All TCP packets whose destination IP is 192.168.2.1 match this rule

D. sourceAll TCP packets whose P is 192.168.2.1 and destination P is 172.16.10.2 are configured with this rule.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 160

Which of the following statements about the usage scenarios of the DHCP protocol is correct? ()

- A. D. DHCP client and DHCP server must be connected to the same switch
- B. After receiving the DHCP request or response message, the DHCP relay does not modify the message format and forwards it directly
- C. If the DHCP client and the DHCP server are not on the same network segment, the DHCP relay needs to be used to forward DHCP messages
- D. network does not allow multiple DHCP servers

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 161

OSThe I reference model from high-level to bottom-level is ()

- A. Application layer Session layer Presentation layer Transport layer Network layer Data link layer Physical layer
- B. Application layer, transport layer, network layer, data link layer, physical layer
- C. Application layer Presentation layer Session layer Transport layer Network layer Data link layer Physical layer
- D. Application layer Presentation layer Session layer Network layer Transport layer Data link layer Physical layer

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 162

The network management system can only view the operating status of the device through the SNMP protocol, but cannot issue configurations. ()

- A. True
- B. False

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 163

Which of the following fields does the ARP packet format contain? (*)

- A. HardwareType
- B. Protocol Type
- C. Operation Code
- D. Protocol Address of sender

Answer: A,B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 164

Which of the following message types does DHCP contain?

- A. DHCP OFFER
- B. DHCP REQUEST
- C. DHCP DISCOVER
- D. DHCP ROLLOVER

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 165

On a Layer 2 WLAN, STAs use an AC as their gateway.

- A. TRUE
- B. FALSE

Answer: **B** ([LEAVE A REPLY](#))

Detailed Explanation: In a Layer 2 WLAN, an Access Controller (AC) typically handles authentication and management but does not act as a gateway. Instead, a Layer 3 device, such as a router, serves as the gateway.

(Reference: HCIA-WLAN Training Material, WLAN Layer 2 and Layer 3 Concepts)

NEW QUESTION: 166

(Which of the following statements about IPv6 anycast addresses are true?)

- A. Packets destined for an anycast address are sent to the nearest interface identified based on the routing distance.
- B. IPv6 anycast addresses implement load balancing for services.
- C. Anycast and unicast addresses use the same address space.
- D. IPv6 anycast addresses provide redundancy functions for services.

Answer: **A,C,D** ([LEAVE A REPLY](#))

* IPv6 Anycast Address Characteristics:

* Option A: True. Packets are delivered to the nearest interface based on routing distance.

* Option B: False. Anycast addresses are not designed for load balancing.

* Option C: True. Anycast addresses share the same address space as unicast.

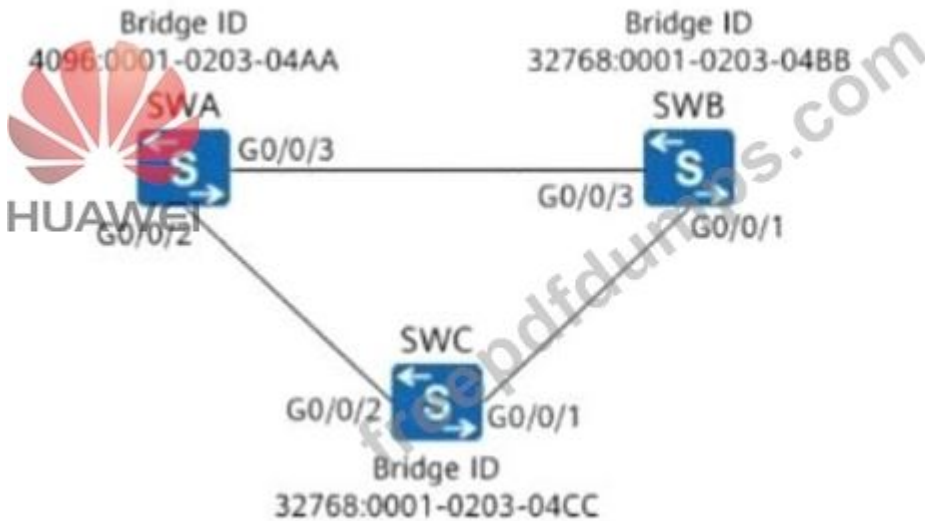
* Option D: True. Anycast provides redundancy by allowing multiple endpoints to share the same address.

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NEW QUESTION: 167

As shown in the figure, which of the following ports will be in blocking state?



- A. G0/0/3 of SWA
- B. G0/0/3 of SWB
- C. G0/0/2 of SWC
- D. G0/0/1 of SWC

Answer: B (LEAVE A REPLY)

Detailed Explanation: In a Spanning Tree Protocol (STP) environment, the root bridge is selected based on the bridge ID. Here, SWA has the lowest bridge ID (4096:0001-0203-04AA), making it the root bridge. For each network segment, STP elects one designated port to forward traffic, and all other ports in that segment will be blocked to prevent loops.

Following the STP rules:

- * SWA is the root bridge, so all of its ports (G0/0/2 and G0/0/3) will be designated ports.
- * Each non-root switch (SWB and SWC) selects one root port, which is the port with the lowest path cost to the root bridge (SWA).
- * SWB's G0/0/3 will have a higher path cost when compared with G0/0/1 (if assuming equal link costs), thus making G0/0/1 the root port on SWB.
- * SWB will then block its G0/0/3 port to prevent a loop, as SWA's G0/0/3 is already the designated port for that link.

Hence, G0/0/3 of SWB will be in the blocking state to maintain a loop-free topology

NEW QUESTION: 168

For STP, the default root path cost of the root bridge is 0.

- A. TRUE
- B. FALSE

Answer: A (LEAVE A REPLY)

Explanation:

NEW QUESTION: 169

In STP, which of the following items may affect the selection of the root switch?

- A. Switch interface bandwidth
- B. Switch priority
- C. Switch MAC address
- D. Switch port ID
- E. Switch IP address

Answer: (SHOW ANSWER)

Explanation:

NEW QUESTION: 170

On the Huawei VRP, what is the default preference of different route types, in descending order?

- A. Direct > Static > RIP > OSPF
- B. Direct > OSPF > RIP > Static
- C. Direct > RIP > Static > OSPF
- D. Direct > OSPF > Static > RIP

Answer: D (LEAVE A REPLY)

Comprehensive Explanation: On Huawei VRP, the default route preference is as follows:

Direct routes have the highest preference, followed by OSPF, Static, and then RIP.

Direct routes are preferred because they represent directly connected networks

NEW QUESTION: 171

Which of the following statements is true about root bridge election in STP?

- A. The device with the largest bridge priority becomes the root bridge.
- B. If the bridge priorities of devices are the same, the device with the largest MAC address becomes the root bridge.
- C. The device with the smallest bridge priority becomes the root bridge.
- D. If the bridge priorities are the same, the device with the largest number of ports becomes the root bridge.

Answer: C (LEAVE A REPLY)

In STP, the root bridge is elected based on the lowest bridge priority. If there is a tie in bridge priority, the device with the lowest MAC address is selected as the root bridge. This process ensures a stable, predictable root bridge selection in the network.

NEW QUESTION: 172

In order to realize the launch of FIT AP, FIT AP first needs to obtain the IP address of AC. Which of the following is not included in the way FITAP obtains the IP address of AC.? ()

- A. Static designation method on AP
- B. Multicast mode
- C. Broadcasting method
- D. DHCP Option mode

Answer: (SHOW ANSWER)

NEW QUESTION: 173

The output information of the routing table of a certain router is shown in the figure. Which of the following statements is correct? () (Multiple Choice Questions)

#R1#display ip routing-table

Route Flags: R-relay, D-download to fib

Destination/Mask	Proto	Pre	Cost	Flags	NextHop	Interface
10.0.0.0/8	Static	60	0	RD	10.0.12.2	Ethernet0/0/0
10.0.2.2/32	Static	60	0	RD	10.0.21.2	Ethernet0/0/1

- A. The NextHop for this router to reach 10.0.2.2 is 10.0.12.2
- B. The NextHop for this router to reach 10.0.0.1 is 10.0.21.2
- C. The NextHop for this router to reach 10.0.0.1 is 10.0.12.2
- D. The NextHop for this router to reach 10.0.2.2 is 10.0.21.2

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 174

If the value of the "Type/Length" field of an Ethernet data frame is 0x0800, the length range of the upper-layer packet header carried by the data frame is from 20B to 60B.

- A. TRUE
- B. FALSE

Answer: B (LEAVE A REPLY)

Detailed Explanation: The Type/Length field value of 0x0800 indicates that the upper-layer protocol is IPv4.

However, the length of the IPv4 header can range from 20 to 60 bytes, not the length of the entire upper-layer packet. The field refers to the type of the encapsulated protocol, and the length is not constrained to the header alone.

NEW QUESTION: 175

Which authorization modes are supported by AAA on Huawei ARG3 series routers? ()*

- A. Not authorized
- B. HWTACACS authorization
- C. Authorization after successful RADIUS authentication
- D. Local authorization

Answer: A,B,C,D (LEAVE A REPLY)

NEW QUESTION: 176

The DHCP request message is sent by broadcast

- A. False

B. True

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 177

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

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

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 178

Which of the following descriptions about the OSPF area is correct ()*

A. All networks should be declared in zone 0

B. The number of the backbone area cannot be 2

C. Before configuring the OSPF area, you must configure an IP address for the loopback interface of the router

D. The number range of the area is from 0.0.0.0 to 255.255.255.255

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 179

Which statement about the OSPF protocol DR is correct? ()

A. DR must be the highest priority device in the network

B. Router ID, the larger the value, the more preferred it is to be elected as DR

C. DR election is preemptive

D. An interface priority is 0, then the interface cannot be a DR

Answer: (SHOW ANSWER)

NEW QUESTION: 180

Basic ACL number value range ().

A. D. 4000-4999

B. C. 3000-3999

C. B. 1000-1999

D. 2000-2999

Answer: (SHOW ANSWER)

NEW QUESTION: 181

When a switch receives a unicast data frame, if the destination MAC address of the data frame can be found in the MAC address table of the switch, the data frame is definitely forwarded through the port corresponding to the MAC address.

A. TRUE

B. FALSE

Answer: B (LEAVE A REPLY)

Detailed Explanation: While a switch will typically forward a unicast frame based on its MAC address table

, certain scenarios like port security or VLAN restrictions may prevent the frame from being forwarded even if a MAC entry exists. (Reference: HCIA-Datacom Training Material, MAC Address Table and Frame Forwarding)

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NEW QUESTION: 182

The login timeout time in the VRP system can only be set under the vty interface. ()

- A. True
- B. False

Answer: B (LEAVE A REPLY)

NEW QUESTION: 183

What is the role of link aggregation? (*)

- A. Improve network reliability
- B. Increase bandwidth
- C. Achieve load sharing
- D. Facilitate analysis of data

Answer: A,B,C (LEAVE A REPLY)

NEW QUESTION: 184

Which version of the SNMP protocol below supports encryption features? ()

- A. SNMPv2c
- B. SNMPv2
- C. SNMPv1
- D. SNMPv3

Answer: D (LEAVE A REPLY)

NEW QUESTION: 185

Which of the following methods is not used for logging in to the VRP system?

- A. Telnet

- B. Netstream
- C. Web
- D. SSH

Answer: B ([LEAVE A REPLY](#))

Comprehensive Explanation: Netstream is a protocol for flow-based network traffic analysis, not a method for logging into a VRP system. The valid methods for accessing the VRP system include Telnet, Web, and SSH, which are used for remote management and configuration of network devices

NEW QUESTION: 186

DHCP is an application layer protocol. In order to make it more reliable when assigning P, its transport layer uses TCP protocol.

- A. False
- B. True

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 187

By default, in the SNMP protocol, which port number does the agent process use to send alarm messages to N? ()

- A. 162
- B. 163
- C. 164
- D. 161

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 188

(Which of the following OSPF packets can be used to confirm the received Link State Update (LSU) packets?)

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

Answer: D ([LEAVE A REPLY](#))

* OSPF Packet Types:

* LSA (Link State Advertisement): Contains topology information that routers use to build their LSDB.

* LSU (Link State Update): Used to transmit multiple LSAs.

* LSR (Link State Request): Requests specific LSAs from a neighbor router.

* LSACK (Link State Acknowledgment): Confirms receipt of LSU packets.

* Correct Packet for Acknowledgment: The LSACK packet is specifically designed to acknowledge LSU packets. Without acknowledgment, the LSU might be retransmitted unnecessarily.

* Correct answer: The OSPF packet used for acknowledgment is D (LSACK).

NEW QUESTION: 189

Only the WPA2-PSK security policy supports TKIP data encryption.

- A. TRUE
- B. FALSE

Answer: B ([LEAVE A REPLY](#))

Explanation:

NEW QUESTION: 190

AP does not need AC. It can independently complete the work of wireless user access, wireless user authentication, and business data forwarding.

- A. False
- B. True

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 191

A company has 50 private IP addresses, and the administrator uses NAT technology to connect the company's network to the public network, but the company has only one public network address and is not fixed. Which of the following NAT conversion methods meets the requirements? ()

- A. B. NAT
- B. easy-ip
- C. D. Basic NAT
- D. Static NAT

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 192

As shown in the figure below. Which port of the following switches will be blocked? () (Single-choice question)



- A. C.SWC's G0/0/1
- B. B.SWA's G0/0/3

C. D.G0/0/3 of SWB

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 193

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

A. True

B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 194

As shown in the figure below, what kind of network equipment can host A and host B use to communicate? () (Single-choice question)



A. B. Hub

B. D. HUB

C. router

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 195

Which of the following IP addresses can be used by another host to communicate with the host whose IP address is 200.200.200.201/30 without the need to forward traffic through a router?

A. 200.200.200.1

B. 200.200.200.203

C. 200.200.200.202

D. 200.200.200.200

Answer: C ([LEAVE A REPLY](#))

Detailed Explanation:

The subnet 200.200.200.200/30 allows two usable IP addresses, 200.200.200.201 and 200.200.200.202. These two addresses can communicate with each other directly, without the need for routing .

NEW QUESTION: 196

Which statement about the dynamic AC. address table is correct?

- A. After the device restarts, the previous dynamic entries will be lost
- B. By viewing the number of specified dynamic MAC. address table entries, you can get the number of users communicating under the interface. After the device restarts, the previous dynamic table entries will be lost
- C. The dynamic MAC obtained through the source AC. Address learning in the message. The table entries will age
- D. After the device restarts, the previously saved entries will not be lost

Answer: A,C (LEAVE A REPLY)

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NEW QUESTION: 197

Regarding the corresponding relationship between the access control list number and type, the following description is correct ()

- A. The number range of the second-level access control list is 4000-4999
- B. D. Advanced access control list number range is 3000-4000
- C. C. The number range of the interface-based access control list is 1000-2000

Answer: (SHOW ANSWER)

NEW QUESTION: 198

Which of the following fields are included in an MPLS header?

- A. Label
- B. TTL
- C. EXP
- D. Tos

Answer: A,B,C (LEAVE A REPLY)

Detailed Explanation: An MPLS (Multiprotocol Label Switching) header includes the following fields:

- * Label: Identifies the MPLS path.
- * TTL (Time to Live): Limits the lifetime of the MPLS packet.
- * EXP (Experimental): Used for QoS marking. The Tos (Type of Service) field is part of the IP header, not MPLS.

(Reference: HCIA-Datacom Training Material, MPLS Header Fields)

NEW QUESTION: 199

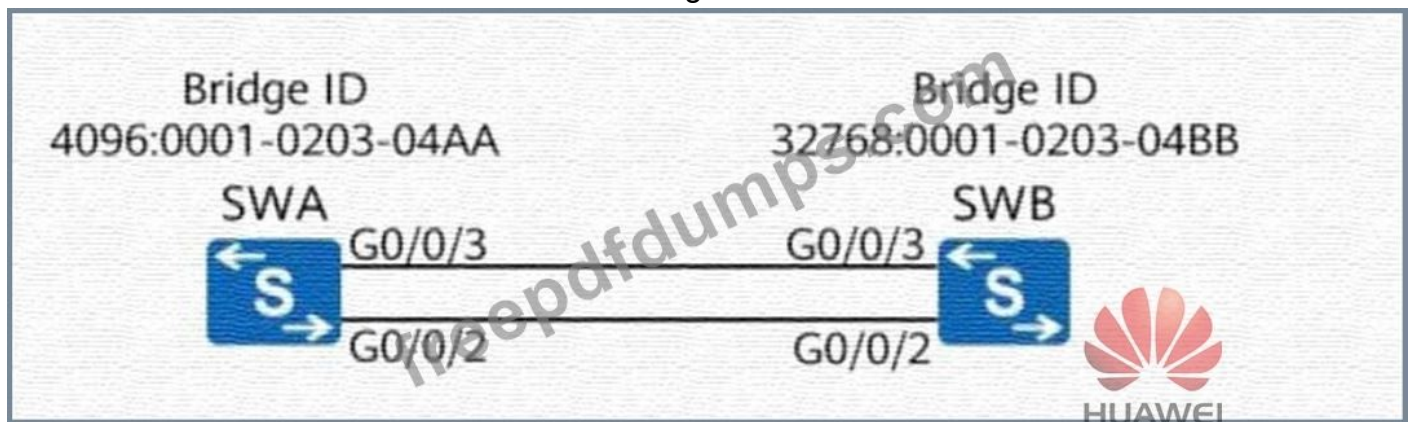
Which parameter is used in the spanning tree protocol for root bridge election? ()

- A. Root path cost
- B. Bridge priority
- C. Port ID
- D. Bridge ID

Answer: B (LEAVE A REPLY)

NEW QUESTION: 200

SWA and SWB run RSTP. Which of the following statements are true?



- A. G0/0/3 of SWB is a backup port.
- B. G0/0/3 of SWA is a designated port.
- C. G0/0/3 of SWB is an alternate port.
- D. G0/0/2 of SWA is a designated port.

Answer: (SHOW ANSWER)

Comprehensive Explanation: In RSTP (Rapid Spanning Tree Protocol), G0/0/3 of SWB is an Alternate Port because it provides a redundant path to the root bridge, while G0/0/3 of SWA is a Designated Port, forwarding traffic away from the root bridge. Similarly, G0/0/2 of SWA is also a Designated Port because it forwards traffic to other segments of the network. Alternate Ports are used to provide backup paths, while Designated Ports are the forwarding ports on a given segment.

NEW QUESTION: 201

The FIT AP can obtain the IP address of AC. through the DHCP Option to establish a CAPWAP tunnel.

Which Option needs to be configured on the DHCP server for this? ()

- A. Option 82
- B. C. Option 43
- C. D. Option 55
- D. B. Option 10

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 202

An ACL rule is as follows: Which of the following IP addresses can be matched by permit rules? ()
rule 5 permit ip source 10.0.2.0 0.254.255

- A. 10.0.5.6
- B. 10.0.4.5
- C. 10.0.6.7
- D. 10.0.2.1

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 203

Which of the following elements are included in the routing table? (*)

- A. Nexthop
- B. Protocol
- C. Destination/mask
- D. Cost
- E. Interface

Answer: A,B,C,D,E ([LEAVE A REPLY](#))

NEW QUESTION: 204

The administrator wants to allocate a Hundred P address on the G0/0/0 interface of the router. Which of the following addresses is correct? ()

- A. 192.168.10.112/30
- B. 237.6.1.2/24
- C. 127.3.1.4/28
- D. 145.4.2.55/26

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 205

(An Eth-Trunk interface can be used only as a Layer 2 interface.)

- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

* Eth-Trunk Functionality: An Eth-Trunk interface can operate as both a Layer 2 and Layer 3 interface depending on the configuration. For example:

* As a Layer 2 interface, it can aggregate Ethernet links for switching.

* As a Layer 3 interface, it can aggregate links for routing.

* Correct answer: FALSE. Eth-Trunk interfaces can function as both Layer 2 and Layer 3 interfaces.

NEW QUESTION: 206

When the FIT AP goes online, the software version will be downloaded from AC.

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 207

Compared with the IPv4 packet header, which field is added to the IPv6 packet? ()

- A. C. Version
- B. Flow Label
- C. D. Source Address

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 208

Which of the following descriptions about the switch is wrong?

- A. B. Switches generally work at the data link layer
- B. D. The switch can provide network access services for terminal devices (PC/server)
- C. C. The switch can complete the exchange of data frames
- D. The switch is generally used as the export equipment of the network

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 209

VRP operating system commands are divided into four levels: access level, monitoring level, configuration level, and management level. Which level can run various business configurations and set commands but cannot operate the file system?

- A. C. Management level
- B. D. Monitoring level
- C. Configuration level
- D. B. Access level

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 210

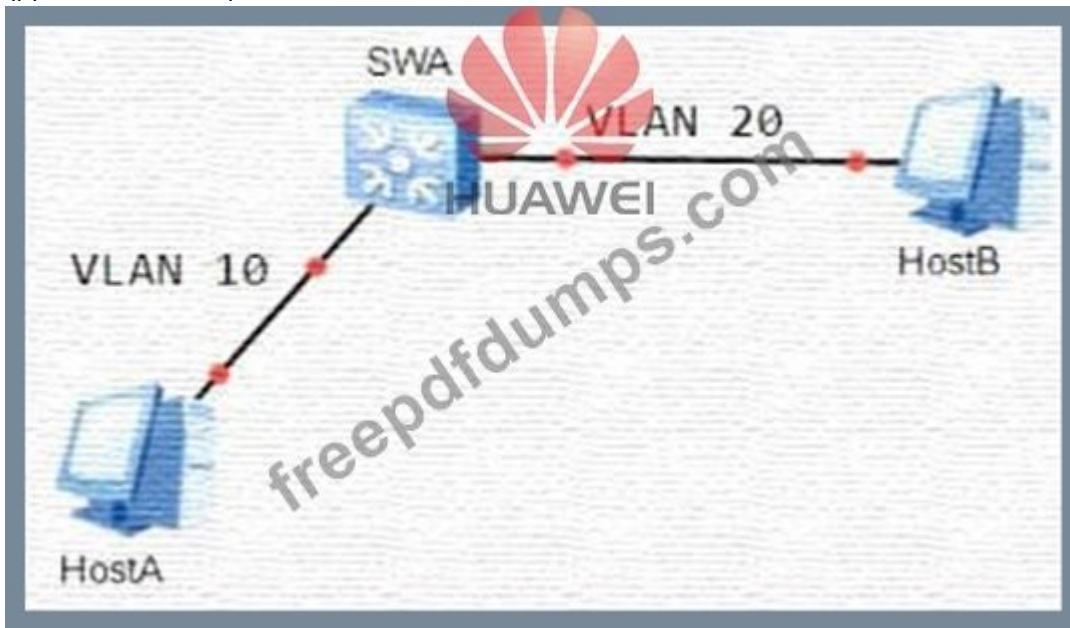
Is there any correct statement about the TTL field in the IPv4 header? ()

- A. When routing loops occur, the TL value can be used to prevent data packets from being forwarded indefinitely
- B. Each time a message passes through a three-layer device. TL value minus 1
- C. TTL value length is 8bit
- D. The range of TTL value is 0-255

Answer: A,B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 211

As shown in the figure. If host A has the ARp cache table of host B, then host A can ping host B.
() (True or False)



- A. True
- B. False

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 212

Telnet is a module that implements the Telnet protocol that comes with Python ()

- A. False
- B. True

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 213

What are the advantages of using dynamic host configuration protocol DHCP to assign IP addresses? ()*

- A. avoid IP address conflict
- B. When the configuration information changes (such as DNS), only the administrator needs to modify it on the DHCP server, which is convenient for unified management
- C. can be realized IP address reuse

D. Heavy workload and difficult to manage

Answer: A,C ([LEAVE A REPLY](#))

NEW QUESTION: 214

FTP transfer data at a time requires several TCP connections to be established

A. C. 3

B. 2

C. D. 4

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 215

ARP request is sent by ()

A. D. Multicast

B. broadcast

C. C. There are broadcast and unicast

D. B. Unicast

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 216

The transmission rate of the Eth-Trunk port in manual link aggregation mode is related to ().*

A. Whether an IP address is configured on the member port

B. Is the member port on the public or private network

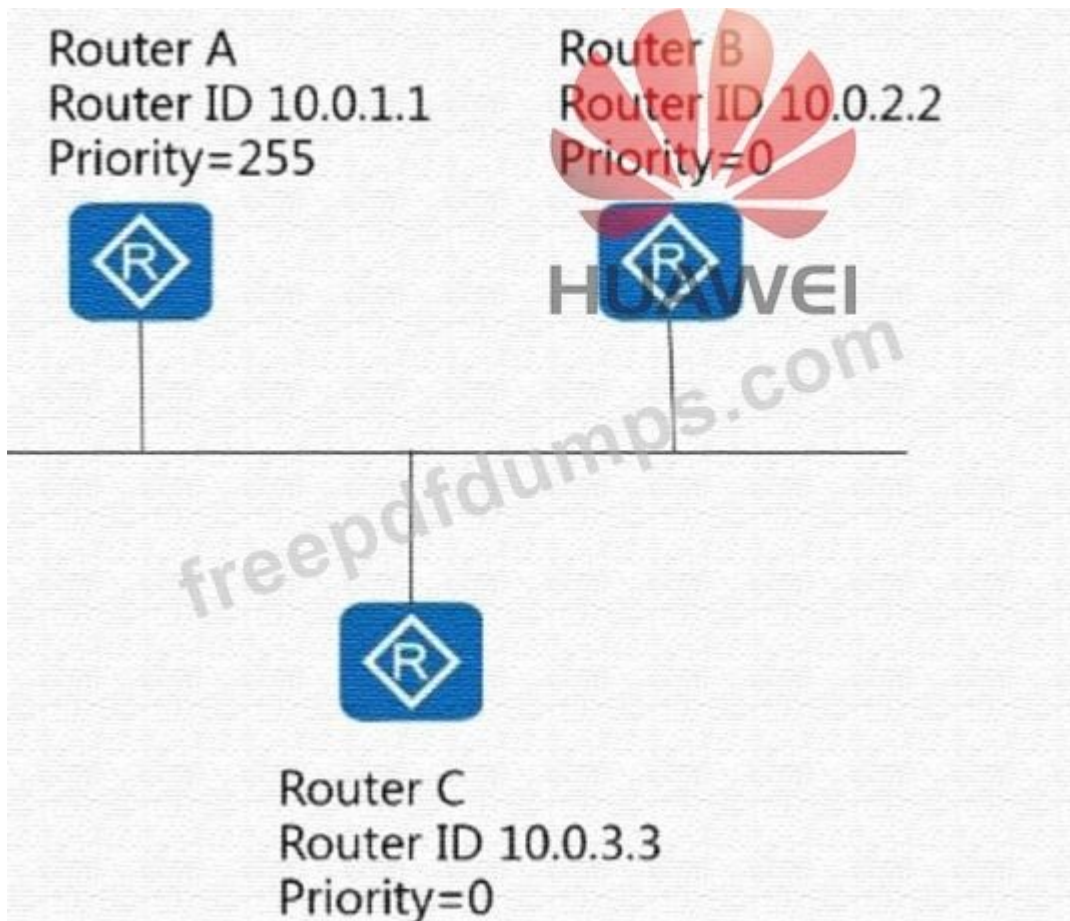
C. Bandwidth of member port

D. Number of member ports

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 217

In the following figure, after the OSPF routers converge, in which state is the OSPF neighbor relationship between Router B and Router C?



- A. Full
- B. Down
- C. 2-way
- D. Attempt

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 218

A trunk interface allows frames from multiple VLANs including VLAN 4096.

- A. TRUE
- B. FALSE

Answer: B ([LEAVE A REPLY](#))

Explanation:

NEW QUESTION: 219

Which category does the IPv6 address FE80:2E0:FCFF:FE6F:4F36 belong to? ()

- A. D. Anycast address
- B. C. Global semicast address
- C. Link local address

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 220

Which bridge is in the configuration BPDU sent by the switchID. Impossible to appear?

- A. 204800-01-02-03-04CC
- B. 819200-01-02-03-04-CC
- C. 409600-01-02-03-04-CC
- D. 000-01-02-03-04cc

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 221

Which SNMP version focuses on two main aspects, namely security and administration? The security aspect is addressed by offering both strong authentication and data encryption for privacy. The administration aspect is focused on two parts, namely notification originators and proxy forwarders.

- A. SNMPv2
- B. SNMPv2c
- C. SNMPv3
- D. SNMPv1

Answer: ([SHOW ANSWER](#))

Detailed Explanation:SNMPv3 is the version that focuses on security and administration. It offers features such as strong authentication and encryption to secure network management, along with enhancements in administration such as notifications and proxy forwarding.

NEW QUESTION: 222

After a fault occurs in the network, the administrator finds that the configuration of a certain router has been modified through troubleshooting. What measures should the administrator take to avoid this situation from happening again? (*)

- A. The administrator should configure the permission level of all accounts except the administrator to log in to the device as
- B. The administrator should configure AAA. to authenticate and authorize users who log in to the device
- C. The administrator should enable port-security on the routed management port
- D. The administrator should configure ACL to control that only the administrator can log in to the device

Answer: A,B,D ([LEAVE A REPLY](#))

NEW QUESTION: 223

Which of the following parameters is used to elect the root bridge in STP?

- A. Bridge ID
- B. Port ID
- C. Root path cost
- D. System name of the switch

Answer: A ([LEAVE A REPLY](#))

Comprehensive Explanation: In STP (Spanning Tree Protocol), the root bridge is elected based on the lowest Bridge ID. The Bridge ID consists of two parts: the bridge priority and the MAC address of the switch.

The switch with the lowest Bridge ID is elected as the root bridge. If two switches have the same priority, the switch with the lowest MAC address becomes the root. Other parameters such as Port ID and Root path cost are used in subsequent decisions to determine the best paths to the root bridge, but they are not used in the root bridge election itself.

NEW QUESTION: 224

In the OSI reference model, what can complete end-to-end error detection and flow control is ()

- A. Network layer
- B. data link layer
- C. Physical layer
- D. Transport layer

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 225

On the network shown in the figure, the router receives a data packet with the destination IP address 11.0.12.1 from Host A.



After the packet is forwarded by the router, which of the following are the destination MAC address and destination IP address of the data packet?

- A. MAC-C, 11.0.12.1
- B. MAC-D, 11.0.12.1
- C. MAC-B, 11.0.12.1
- D. MAC-D, 10.0.12.2

Answer: ([SHOW ANSWER](#))

Comprehensive Explanation: When Router A forwards the packet to Router B, the destination IP address (11.0.12.1) remains unchanged as it is still meant for Host B. However, the destination MAC address changes to MAC-B, which belongs to Host B, since MAC addresses are only used for local network hops

NEW QUESTION: 226

In the MAC address table of the switch, which of the following entries will not age?

- A. B. Port MAC address table entry
- B. Static MAC address table entry

- C. C. Dynamic MAC address table entry
- D. D. Device MAC address table entry

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 227

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

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 228

Which of the following MAC addresses cannot be used as the MAC address of the host network card? ()*

- A. 02-03-04-05-06-d7
- B. 01-02-03-04-05-06
- C. 00-02-03-04-05-06
- D. 03-04-05-06-07-08

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 229

There is no need to write a hop when writing static routes at both ends of the PPP link. The Ethernet link needs

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 230

AC. Use CAPWAP control tunnel to transmit management messages to FIT AP. ()

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 231

On the VRP platform, which of the following parameters can be used together with the "ping" command to specify the source address of an echo request message?

- A. -d
- B. -n
- C. -a
- D. -s

Answer: C ([LEAVE A REPLY](#))

In VRP, the "-a" parameter in the ping command allows specifying a source IP address for the echo request.

This can be helpful in testing connectivity from a specific interface on the device, which is useful in verifying path accessibility or troubleshooting issues with certain network segments.

NEW QUESTION: 232

SNMPv1 defines five protocol operations. ()

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 233

After the administrator successfully logs in to the router through Telnet, it is found that the router's interface P address cannot be allocated, then the possible reasons are ()

- A. D. The administrator uses the telnet terminal software to prohibit the corresponding operation
- B. Telnet user authentication mode configurationB. False
- C. B. SNMP parameter configurationB. False
- D. Telnet user level configurationB. False

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 234

Which of the following information is displayed when an entered command is incomplete on the Versatile Routing Platform (VRP)?

- A. Error: Wrong parameter found at 'A' position
- B. Error: Incomplete command found at 'A' position
- C. Error: Too many parameters found at 'A' position
- D. Error: Ambiguous command found at 'A' position

Answer: B ([LEAVE A REPLY](#))

Detailed Explanation:When a command entered on Huawei's Versatile Routing Platform (VRP) is incomplete, VRP generates an error message indicating that the command is incomplete at a specific position (designated by 'A'). This message helps administrators identify where additional

parameters are needed to complete the command syntax. Other error messages indicate issues such as excess parameters or ambiguous commands. (Reference: HCIA-Datacom Lab Guide, VRP Command Syntax)

NEW QUESTION: 235

The following statement about the Hybrid port is correct ()

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 236

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. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 237

As shown in the figure below, are the following statements correct? () (Multiple Choice Questions)



- A. The broadcast address of host A and host B are the same
- B. Host A and Host B cannot obtain each other's MAC address
- C. The following entry 10.0.12.5 MAC-B exists in the ARP cache of host A
- D. Host A can ping host B

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 238

What is the value of the Type field in the RStp configuration BPDU message? ()

- A. 0x02
- B. 0x01
- C. 0x03
- D. 0x00

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 239

Which fields in the IPv4 header are related to fragmentation? (*)

- A. TTL
- B. Flags
- C. Fragment Offset
- D. Identification

Answer: B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 240

As shown in the figure, if the command ping 10.1.1.2 is executed on R1, the data frame of VLAN 10 received from LSW2 by LSW1 is tagged. () (True or False)



- A. True
- B. B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 241

On the command line interface of Huawei AR routers, the role of the Save command is to save the current system time.

- A. TRUE
- B. FALSE

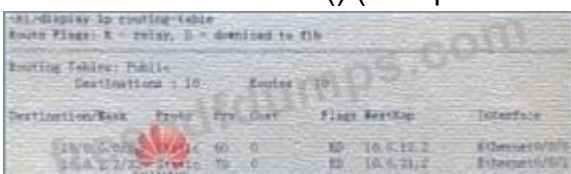
Answer: ([SHOW ANSWER](#))

Explanation:

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NEW QUESTION: 242

The output information of a router's routing table is shown in the figure. Which of the following statements is correct? () (Multiple Choice Questions)



- A. C. The outgoing interface of this router to 10.0.2.2 is Ethernet0/0/0
- B. The outbound interface of this router to 10.0.0.1 is Ethernet0/0/1

C. The outbound interface of this router to 10.0.2.2 is Ethernet0/0/1

D. The outgoing interface of this router to 10.0.0.1 is Ethernet0/0/0

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 243

As shown in the figure, the G0/0/0 and G0/0/1 interfaces of RTA are connected to two different network segments. RTA is the gateway of these two networks. Before host A sends data to host C, will it send an ARP Request to obtain O's MAC address? () (Single-choice question)



A. SW

B. Host C

C. G0/0/1 interface of RTA

D. G0/0/0 interface of RTA

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 244

Which of the following methods can read data non-blocking in Python's telnetlib.? ()

A. telnet._read_eager

B. B. telnet_read_very_lazy

C. D. telnet_reaD._very_eager

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 245

Which of the following IPv4 addresses can be used by a host to directly access the Internet? ()

A. 192.168.1.1/24

B. 172.16.255.254/24

C. 10.255.255.254/24

D. 172.32.1.1/24

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 246

What is the destination IP address of the DHCP DISCOVER message? ()

- A. 224.0.0.1
- B. 255.255.255.255
- C. 224.0.0.2
- D. 127.0.0.1

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 247

If the application-layer protocol is Telnet, what is the value of the "Protocol" field in the IPv4 header?

- A. 67
- B. 53
- C. 6
- D. 17

Answer: (SHOW ANSWER)

Detailed Explanation: The protocol number for TCP in the IPv4 header is 6. Since Telnet uses TCP as its transport layer protocol, the protocol field in the IPv4 header will contain the value 6.

NEW QUESTION: 248

What is the main function of the DNS protocol?

- A. Remote access
- B. File transfer
- C. Domain name resolution
- D. Email transmission

Answer: C ([LEAVE A REPLY](#))

Detailed Explanation: DNS (Domain Name System) is responsible for translating human-readable domain names (like www.example.com) into IP addresses, enabling devices to locate services on a network.

(Reference: HCIA-Datacom Training Material, DNS Function and Protocol Overview)

NEW QUESTION: 249

What kind of message does the OSPF protocol use to confirm the received LSU message? ()

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

Answer: (SHOW ANSWER)

NEW QUESTION: 250

The output information of a certain router is shown in the figure. Which of the following statements are correct? () (Multiple Choice Questions)



- A. The Router ID of the router is 10.0.1.1
- B. The DR priority of this routing interface is 10
- C. This router is BDR
- D. The cost value of this interface is 1

Answer: A,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 251

How to add AP on AC.? (*)

- A. Add online
- B. Manually confirm APs in the non-certified list
- C. Import AP offline
- D. Automatically discover AP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 252

Which of the following is the full name of VRP?

- A. Virtual Routing Platform
- B. Versatile Routing Platform
- C. Versatile Redundancy Platform
- D. Versatile Routing Protocol

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 253

After FIT AP obtains AC.'s IP address, what is the first operation to perform? ()

- A. B. Download the configuration file
- B. Establish a CAPWAP tunnel
- C. D. Request configuration file

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 254

Which of the following IPv4 addresses can be directly used by a host to access the Internet?

- A. 172.32.1.1/24
- B. 10.255.255.254/24

- C. 192.168.1.1/24
- D. 172.16.255.254/24

Answer: A (LEAVE A REPLY)

Explanation:

NEW QUESTION: 255

What is the total length of the port ID in STP?

- A. 8 bits
- B. 4 bits
- C. 16 bits
- D. 2 bits

Answer: C (LEAVE A REPLY)

Explanation:

NEW QUESTION: 256

The following figure shows the display interface Eth-Trunk 1 command output on SWA. In the MAC address table of SWA, which of the following interfaces maps the MAC address of SWB?

```

[SWA]display interface Eth-Trunk 1
Eth-Trunk1 current state : UP
Line protocol current state : UP
Description:
Switch Port, PVID : 1, Hash arithmetic : According to SIP-XOR-DIP,Maximal BW:
2G, Current BW: 2G, The Maximum Frame Length is 9216
IP Sending Frames' Format is PKTFMT_ETHNT_2, Hardware address is 4c1f-ccb0-73d7
Current system time: 2019-02-28 10:44:19-08:00
  Input bandwidth utilization : 0%
  Output bandwidth utilization : 0%
-----
PortName           Status   Weight
-----
GigabitEthernet0/0/2    UP       1
GigabitEthernet0/0/3    UP       1
-----
The Number of Ports in Trunk : 2
The Number of UP Ports in Trunk : 2
  
```

- A. GigabitEthernet0/0/1

- B. Eth-Trunk 1
- C. GigabitEthernet0/0/3
- D. GigabitEthernet0/0/2

Answer: C (LEAVE A REPLY)

Explanation:

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NEW QUESTION: 257

In the network shown in the figure below, the bridge ID of the switch has been marked. Enter the command stp rootsecondary on the sWD. switch and the following switch will become the root bridge of this network. ()



- A. SWB
- B. D. SWD
- C. SWA

Answer: A (LEAVE A REPLY)

NEW QUESTION: 258

RTA. Uses NAT technology and realizes many-to-many NAPT address translation by defining an address pool, so that hosts in the private network can access the public network. Assuming that there are only two public network P addresses in the address pool, and they have been assigned to hosts A and B for address conversion, and at this time, if the host also wants to access the public network, the following description is correct ().

- A. RTA. Convert the source port of host C., the host can access the public network
- B. All hosts can access the public network by using the public network address in turn
- C. RTA. Assign interface address (200.10.10.3) to host C. Host C can access the public network
- D. HostC.Unable to assign a public network address, and cannot access the public network

Answer: A (LEAVE A REPLY)

NEW QUESTION: 259

Trunk ports can allow multiple VLANs to pass, including VLAN4096. ()

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 260

The Hybrid port can be connected to the user host or other switches. ()

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 261

Which of the following parameters is not contained in STP configuration BPDUs?

- A. Bridge ID
- B. VLAN ID
- C. Root ID
- D. Port ID

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 262

When adopting LACP mode for link aggregation, what is the default system interference level of Huawei switches? ()

- A. 4096
- B. 32768
- C. 24576
- D. 36864

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 263

There are hosts in a private network that need to access the Internet. In order to achieve this requirement, which of the following configurations should be done by the administrator on the edge router of the network? (*)

- A. NAT
- B. DHCP
- C. STP
- D. Default route

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 264

Which state does the OSPF protocol use to indicate that the adjacency relationship has been established? ()

- A. D. Down
- B. B. 2-way
- C. C. Attempt
- D. Full

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 265

The network shown in the figure below assumes that all routers can enable OSPF at the same time. Which router is the DR in this network? () (Single-choice question)



- A. C. Router A
- B. D. Router C
- C. Router B
- D. B. Router D

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 266

When learning this switch needs to forward the frame with the destination MAC. The address is 5489-98ec- f011, the following description is correct ()

- A. The switch needs to discover the MAC by sending a request...Device with address 548998ec-f011
- B. The switch does not find a matching entry in the MAC. address table, so the frame will be discarded
- C. The switch will flood the frame on all ports except the port that received the frame
- D. The switch will send a message that the destination is unreachable to the source device

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 267

As shown in the figure below. Host A and Host B cannot communicate. ()(True or False)



A. False

B. True

Answer: A (LEAVE A REPLY)

NEW QUESTION: 268

(Which of the following methods can be used to assign service VLANs during campus network planning?)

- A. VLAN assignment by service type
- B. VLAN assignment by logical area
- C. VLAN assignment by geographic area
- D. VLAN assignment by personnel structure

Answer: A,B,C (LEAVE A REPLY)

* VLAN Assignment Overview: VLAN (Virtual Local Area Network) assignment is a critical step in campus network planning. It involves logically segmenting a network to improve manageability, security, and performance. Huawei recommends various approaches based on specific needs.

* Analysis of Options:

* Option A: "VLAN assignment by service type" This method groups devices based on the type of service they require (e.g., voice, video, data). It helps in isolating traffic for different service types, improving QoS and security. This is a common practice in network planning.

* Option B: "VLAN assignment by logical area" Logical area-based assignment groups devices based on their logical function in the network (e.g., core, access, distribution). It ensures proper segmentation and alignment with network topology.

* Option C: "VLAN assignment by geographic area" Assigning VLANs based on geographic areas (e.g., floors in a building, departments) helps localize traffic within a region, reducing unnecessary cross-network traffic.

* Option D: "VLAN assignment by personnel structure" While this option suggests assigning VLANs based on organizational structure (e.g., employees, managers), it is not a typical practice in VLAN assignment. It lacks scalability and alignment with network topology, making it an inefficient approach.

* Correct Answers: The valid VLAN assignment methods in campus network planning are:

- * A. By service type
- * B. By logical area
- * C. By geographic area

NEW QUESTION: 269

The output information of a certain device is shown in the figure. Which of the following statements is correct? () display interface G1gabitEthernet 0/0/0 G1 gabi tEthernet0/0/0 currentstate UP Line protocol current state UP Route Port#The Maximum Transmit Unit is 1000 Internet Address is 10.0.12.2/24 IP Sending Frames'Format is PRTFMT ETENT 2.Hardware address is 00e0-fc22-4fff Port Mode:FORCE COPPER Speed.:100, Loopback:NONE Duplex:FULL, Negotiation:DISABLE Md1 AUTO Last 300 seconds input rate 24 bits/seC. 0 packets/sec Last 300 seconds output rate 24 bits /seC.0 packets/seC.*

- A. The MAC of the interface. The address is 00e0-fc22-4fff
- B. The MTU value of this interface is 1000
- C. The P address of the interface is 10.0.12.2/24
- D. The working rate of this interface is 1Gbps

Answer: (SHOW ANSWER)

NEW QUESTION: 270

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

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 271

The network administrator configures the RTA on the Huawei router as shown in the figure. If a user needs to be authenticated in the authentication domain "huawei", which of the following descriptions is correct? () (Single-choice question) (RTA) aaa (RTA-aaa) domain huawei (RTA-aaa-doaain huavei) authentication -schene au1 (RTA-aaa-dogairhuavel) authenticlcation-schene au2

- A. B."Authentication-scheme aul authentication will be used. If "au1 is deleted."au2 authentication will be used
- B. "Authentication-scheme au2 authentication will be used. If "au2" is deleted, "aul authentication will be used
- C. D.Will use "authentication-scheme au2" authentication

Answer: C (LEAVE A REPLY)

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NEW QUESTION: 272

Which of the following statements about IPv6 address configuration are correct? (*)

- A. IPv6 address supports automatic configuration in multiple ways
- B. IPv6 supports DHCPv6 for address configuration
- C. IPv6 supports stateless automatic configuration
- D. IPv6 addresses can only be configured manually

Answer: A,B,C ([LEAVE A REPLY](#))

NEW QUESTION: 273

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

- A. 10.0.0.26/30
- B. 10.0.0.23/30
- C. 10.0.0.24/30
- D. 10.0.0.28/30

Answer: A,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 274

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

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 275

How many port states are involved in RSTP?

- A. 1
- B. 2
- C. 4
- D. 3

Answer: D ([LEAVE A REPLY](#))

Detailed Explanation: In RSTP, there are three port states: Discarding, Learning, and Forwarding. These states replace the five traditional STP states by combining them to optimize network convergence.

NEW QUESTION: 276

The following description about the specified port of the spanning tree is correct ()

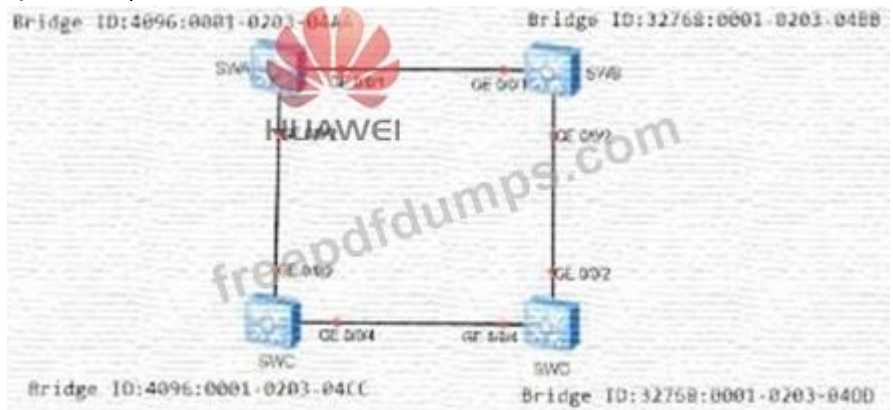
- A. C. The port on the root switch must be a designated port

- B. D. The port on the root switch must not be a designated port
- C. The designated port can forward configuration BPDU packets to the network segment connected to it

Answer: A (LEAVE A REPLY)

NEW QUESTION: 277

As shown in the following figure, in the switching network, all switches are running the stp protocol. When the topology is stable, which of the following switches can be used to modify the BPDU sending cycle. Can it affect the SWD configuration BPDU sending cycle? () (Single-choice question)



- A. SWA
- B. D. SWD
- C. C. SWC

Answer: C (LEAVE A REPLY)

NEW QUESTION: 278

Which of the following statements is true?

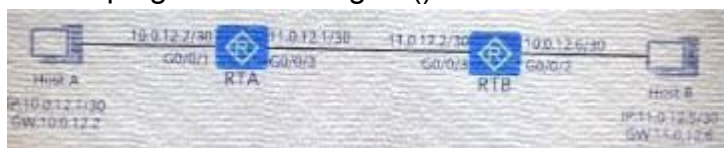
- A. Routers work at the physical layer.
- B. Switches work at the network layer.
- C. Switches work at the physical layer.
- D. Routers work at the network layer.

Answer: A (LEAVE A REPLY)

Explanation:

NEW QUESTION: 279

In the network shown in the figure below, what commands can be entered on the router to make host A ping host B through? ()



- A. RTA:ip route-static 0.0.0.0 0.0.0.0 11.0.12.2
RTB:ip route-static 0.0.0.0 0.0.0.0 11.0.12.1

B. RTA:ip route-static 0.0.0.0 0.0.0.0 11.0.12.1
CRTB:ip route-static 0.0.0.0 0.0.0.0 11.0.12.2
C. RTA:ip route-static 10.0.12.5 255.255.255.252 11.0.12.1
RTB:ip route-static 10.0.12.1 255.255.255.252 11.0.12.2
D. RTA:ip route-static 10.0.12.5 255.255.255.252 11.0.12.2
RTB: route-static 10.0.12.1 255.255.255.252 11.0.12.1

Answer: A,D (LEAVE A REPLY)

NEW QUESTION: 280

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

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 281

Link aggregation is a common technology in enterprise networks. Which of the following descriptions are the advantages of link aggregation technology? ()

- A. Achieve load sharing
- B. Improve safety
- C. Improve reliability
- D. Increase bandwidth

Answer: (SHOW ANSWER)

NEW QUESTION: 282

Which of the following commands can be used to check the session status of the PPPoE client? ()

- A. display pppoe-client session packet
- B. display ip interface brief
- C. display current configuration
- D. display pppoe-client session summary

Answer: D (LEAVE A REPLY)

NEW QUESTION: 283

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()

- A. 255.255.255.240
- B. 255.255.255.0
- C. D. 255.255.255.128

Answer: B (LEAVE A REPLY)

NEW QUESTION: 284

Refer to the following configuration of an interface on a switch. What is the PVID of the interface?

```
interface GigabitEthernet0/0/1
port hybrid tagged vlan 2 to 3 100
port hybrid untagged vlan 4 6
```

- A. 1
- B. 4
- C. 2
- D. 100

Answer: B (LEAVE A REPLY)

Comprehensive Explanation: The PVID (Port VLAN ID) is the VLAN to which untagged data frames are assigned on a hybrid port. In this configuration, the port hybrid untagged vlan 4 6 command indicates that VLANs 4 and 6 are untagged, and the PVID will be the lowest untagged VLAN, which is VLAN 4. Tagged frames for VLANs 2, 3, and 100 will be forwarded as tagged, but untagged traffic will belong to VLAN 4 by default.

NEW QUESTION: 285

PAP authentication is more secure than CHAP authentication because it does not carry passwords in clear text

- A. False
- B. True

Answer: (SHOW ANSWER)

NEW QUESTION: 286

The Trunk port can send both tagged data frames and untagged data frames.

- A. False
- B. True

Answer: B (LEAVE A REPLY)

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NEW QUESTION: 287

Which of the following descriptions about the switch is wrong? ()

- A. The switch is generally used as the export equipment of the network
- B. The switch can complete the exchange of data frames
- C. Switches generally work at the data link layer
- D. The switch can provide network access services for terminal equipment (PC. Server)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 288

Which SNMP version focuses on two main aspects, namely security and administration. The security aspect is addressed by offering both strong authentication and data encryption for privacy. The administration aspect is focused on two parts, namely notification originators and proxy forwarders.

- A. SNMPv2c
- B. SNMPv1
- C. SNMPv3
- D. SNMPv2

Answer: C ([LEAVE A REPLY](#))

SNMPv3 was designed with enhanced security and administration features compared to previous versions. It offers robust authentication and encryption to protect against unauthorized access and eavesdropping, as well as improvements in administration with support for notification originators and proxy forwarders. These advancements make SNMPv3 the preferred version for secure network management.

NEW QUESTION: 289

Which of the following statements about direct routing is correct? ()

- A. Direct routing has lower priority than dynamic routing
- B. Direct routing has the highest priority
- C. Direct routes have lower priority than static routes
- D. Direct routing requires the administrator to manually configure the destination network and next hop address

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 290

When planning a campus network, which of the following methods can be used to divide service VLANs? ()

- A. C. Divide VLAN by logical area
- B. D. Divide VLAN into J by geographical area
- C. VLAN by business

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 291

The administrator cannot log in to the Huawei router through Telnet, but other administrators can log in normally. What are the possible reasons for the following items? ()

- A. The administrator user account has been disabled
- B. The authority level of the administrator user account has been modified to 0
- C. The administrator user account has been deleted
- D. The Telnet service of the AR2200 router has been disabled

Answer: A,C ([LEAVE A REPLY](#))

NEW QUESTION: 292

When deploying ACL on Huawei equipment, which of the following descriptions is correct is ()

- A. ACL cannot be used to filter OSPF traffic, because COSPF traffic does not use UDP protocol encapsulation
- B. When calling ACL under the interface, it can only be applied to the outbound direction
- C. ACL can match the TCP/UDP port number of the packet, and can specify the range of port numbers
- D. The same ACL can be called under multiple interfaces
- E. E. When ACL defines rules, it can only proceed in the order of 10, 20, 30

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 293

What kind of message does the OSPF protocol use to request the locally missing LSA? ()

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 294

On the VRP CLI, files cannot be permanently deleted using the delete or delete /unreserved command. To permanently delete them, you need to delete the files in the recycle bin.

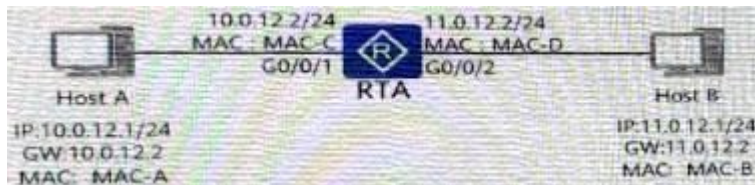
- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

Detailed Explanation: In Huawei's VRP (Versatile Routing Platform) command-line interface, when files are deleted using the delete or delete /unreserved command, they are moved to the recycle bin rather than being permanently deleted. To permanently delete these files, they need to be removed from the recycle bin using the reset recycle-bin command.

NEW QUESTION: 295

The network shown in the figure below. The host has an ARP cache. Which of the following statements are correct?)(Multiple Choice Questions)



- A. Host A and Host B can communicate in two directions
 - B. The router needs to be configured with a static route. Otherwise, host A and host B cannot communicate in both directions
 - C. The following entries may appear in the ARP cache of host A 10.0.12.2 MAC-C
 - D. D. The following entry 11.0.12.1 MAC-B exists in the ARP cache of host A
- Answer: A,C ([LEAVE A REPLY](#))**

NEW QUESTION: 296

The router running the OSPF protocol can reach the FULL state after completing the LSDB synchronization. ()

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 297

What are the network types supported by the OSPF protocol? ()*

- A. Broadcast
- B. Point-to-Point
- C. Point-to-Multipoint
- D. Non-Broadcast Multi-Access

Answer: A,B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 298

The configuration of the country code will affect the frequency used for actual transmission and the maximum transmission power. ()

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 299

In order to join the wireless network \$TA. The wireless network information needs to be obtained first. Which of the following messages is used by the STA to actively obtain the SSID information?

- ()
- A. Probe
- B. C. Discovery
- C. D. Beacon
- D. B. Join

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 300

The IPv6 protocol uses NS and NA. packets for duplicate address detection ().

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 301

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

- A. False
- B. True

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 302

Static NAT can only implement one-to-one mapping between private and public addresses.

- A. TRUE
- B. FALSE

Answer: B ([LEAVE A REPLY](#))

Comprehensive Explanation: Static NAT (Network Address Translation) can implement both one-to-one and many-to-one mappings. In a one-to-one mapping, each private IP address is mapped to a unique public IP address. However, in some cases, static NAT can be configured to map multiple private addresses to a single public address, particularly for services that do not require incoming connections. This flexibility allows for more efficient use of limited public IP address space.

NEW QUESTION: 303

Which field of the ipv6 packet header can be used for QoS? ()

- A. TrafficClass
- B. D. Next Header
- C. Version
- D. B. PayloadD.Length

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 304

If a windows host is started for the first time, if it uses DHCP to obtain an IP address, what is the source IP address of the first packet sent by this host? ()

- A. 0.0.0.0
- B. 127.0.0.1
- C. 255.255.255.255
- D. 169.254.2.33

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 305

As shown in the figure, the switch runs STP with default parameters. Which of the following ports will be elected as the designated port? () (Single-choice question)



- A. C.HUB's G0/0/2 port
- B. B.HUB's G0/0/1 port
- C. D.Port G0/0/2 of switch A

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 306

The mask length is 12 bits can be expressed as?

- A. 255.255.255.0
- B. 255.255.0.0
- C. 255.248.0.0
- D. 255.240.0.0

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 307

What is RouterDeadInterval of the OSPF protocol on the broadcast network by default? ()

- A. 10s
- B. 20s
- C. 40s
- D. 30s

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 308

As shown in the figure, there are three data packets captured by the administrator on the network. Which of the following statements is incorrect? (Single choice question) Source destination protocol info

```
10.0.12.110.0.12.2TCp50190>telnet#SYN#seq#0win#8192Len#0mss#146010.0.12.2 10.0.12.1  
TCP telnet:
```

```
50190 #SYN,ACK#seg-0 Ack-1 win-8192 Len-0mss=1460
```

```
10.0.12.110.0.12.2 TCP50190>telnet(ACK)seq-1Ack=1win=8192len=0
```

- A. The telnet client uses port 50190 to establish a connection with the server
- B. The IP address of the telnet server is 10.0.12.1. The IP address of the telnet client is 10.0.12.2
- C. These three data packets represent the three-way handshake process of TCP
- D. None of these three data packets contain application layer data

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 309

Which packet type is used by network devices running the SNMPv1 protocol to actively send alarm information? ()

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 310

The output information of a router is shown in the figure. Which of the following statements are correct? ()



```
(Huawei)display startup  
#InBoard:  
Startup system software: flash:/AR2220R-F200R007C00SP7601.cc  
Next startup system software: flash:/AR2220R-F200R007C00SP0501.cc  
Startup system software backup: null  
Startup saved-configuration: flash:/vrpcfg.zip  
Next startup saved-configuration file: flash:/backup.zip  
Startup license files: null  
Next startup license files: null  
Startup patch package: null  
Next startup patch package: null  
Startup voice-files: null  
Next startup voice-files: null
```

- A. The current VRP version file is the same as the VRP file used for the next startup
- B. The current configuration file used is the same as the configuration file used for D next startup
- C. The configuration file currently used is different from the configuration file used for the next startup

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 311

The DHCPv6 server supports the provision of other configuration information such as DNS server addresses for the host.

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 312

SNMP packets are transmitted by UDP.

- A. TRUE
- B. FALSE

Answer: A ([LEAVE A REPLY](#))

Explanation:

NEW QUESTION: 313

When using the ping command on the VRp platform, if you need to specify a P address as the source address of the echo request message, which of the following parameters should be used?

()

- A. =-d
- B. =-a
- C. =-S
- D. =-n

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 314

In the MAC address table of the switch, which of the following entries will not age? ()

- A. D. Device MAC. Address table entry
- B. Static MAC. Address table entry
- C. C. Port MAC. Address table entry

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 315

In order to realize the network layer function on the VLANIF interface, do you need to configure it on the VLANIF interface? ()

- A. MAC.Address
- B. Subnet mask
- C. IP address
- D. IP prefix

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 316

The following figure shows the configuration of a sub-interface on a router. For which VLAN does the sub-interface receive tagged data frames?

- A. 20
- B. 1
- C. 30
- D. 100

Answer: D (LEAVE A REPLY)

Comprehensive Explanation: The command dot1q termination vid 100 in the configuration specifies that the sub-interface is configured to receive tagged data frames for VLAN 100. VLAN tagging ensures that frames are properly identified and routed through the correct VLAN, and the sub-interface is associated with a specific VLAN ID to handle the tagged traffic.

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NEW QUESTION: 317

The Management Information Base (MIB) (Management Information Base) is a virtual database that only exists on the NMS. ()

- A. True
- B. False

Answer: B (LEAVE A REPLY)

NEW QUESTION: 318

The network administrator performs the configuration shown in the following figure on RTA. If a user needs to be authenticated in the authentication domain named huawei, which of the following statements is true?

- A. The authentication scheme au2 is used for authentication. If the authentication scheme au2 is deleted, the authentication scheme aul is used.
- B. The authentication scheme aul is used for authentication.
- C. The authentication scheme aul is used for authentication. If the authentication scheme aul is deleted, the authentication scheme au2 is used.
- D. The authentication scheme au2 is used for authentication.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 319

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

- A. There is always a UDP header in the upper layer of each data frame
- B. The upper layer of a data frame must exist IP header
- C. There is always a TCP header in the upper layer of each data frame
- D. Each data frame must carry VLAN TAG

Answer: B (LEAVE A REPLY)

NEW QUESTION: 320

Which of the following fields are contained in an ARP packet?

- A. Source Protocol Address
- B. Source Hardware Address
- C. Hardware Type
- D. Operation Code

Answer: A,B,C,D (LEAVE A REPLY)

An ARP (Address Resolution Protocol) packet includes several fields essential for mapping IP addresses to MAC addresses. The fields include:

- * Source Protocol Address: Identifies the IP address of the requesting device.
- * Source Hardware Address: Contains the MAC address of the source.
- * Hardware Type: Indicates the hardware type, typically Ethernet.
- * Operation Code: Specifies the operation (request or reply). These fields collectively allow devices to resolve IP addresses to physical MAC addresses, enabling direct communication within the local network.

NEW QUESTION: 321

A company applies for a C. 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. The subnet mask should be designed as ()

- A. B. 255.255.255.128
- B. C. 255.255.255.192
- C. D. 255.255.255.0
- D. 255.255.255.240

Answer: (SHOW ANSWER)

NEW QUESTION: 322

Network as shown in the picture. The administrator hopes that all hosts cannot access the Web service (the port number is 80). Other services can be accessed normally. In the interface configuration of G0/0/1, which ACL rule needs to be bound to trattie-friliter outbound?



A. acl number 3000

Rule 5 deny tcp destination-port eq www
Rule 10 permit ip
#

B. acl number 3003

Rule 5 permit ip
Rule 10 deny udp destination-port eq ww#

C. acl number 3001

Rule 5 deny udp destination-port eq ww
Rule 10 permit ip
#

D. rule 5 permit ip

ARule 10 deny top destination-port eq ww#

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 323

After the network administrator uses the Tracer tRoute function on the router device, in the data packet sent by the router, the value of the Protoco1 field in the IPv4 header is?

A. 1

B. 17

C. D. 6

D. B. 2

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 324

The TCP protocol uses the three-way handshake mechanism to establish and disable connections. Therefore, TCP supports reliable data transmission.

A. TRUE

B. FALSE

Answer: A ([LEAVE A REPLY](#))

TCP (Transmission Control Protocol) uses a three-way handshake process to establish a reliable connection between two devices, ensuring that data transmission is stable and reliable. The handshake sequence (SYN, SYN-ACK, ACK) confirms that both devices are ready to send and receive data, guaranteeing ordered and error-checked delivery. This characteristic makes TCP a reliable transport protocol.

NEW QUESTION: 325

An administrator wishes to manage the router in the remote branch office, which method can be used?

A. Console Connection

B. FTP

C. Telnet

D. DHCP

Answer: C ([LEAVE A REPLY](#))

Detailed Explanation: To manage a router in a remote branch office, Telnet is a suitable option as it allows remote access over a network. Unlike a console connection, which requires physical access, Telnet enables remote management as long as the administrator has network connectivity to the router. FTP is used for file transfer, and DHCP is used for dynamic IP address allocation, not for management.

NEW QUESTION: 326

Dynamic routing protocols can automatically adapt to network topology changes.

A. TRUE

B. FALSE

Answer: A ([LEAVE A REPLY](#))

Detailed Explanation:

Dynamic routing protocols, such as OSPF and RIP, automatically discover and generate routes, adjusting when network topology changes occur. This helps in reducing the manual configuration required by static routes and ensures that the network adapts efficiently to changes such as link failures or the addition of new routes.

NEW QUESTION: 327

How many planes does a network device have? (*)

A. Data plane

B. Management plane

C. Business plane

D. Control plane

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 328

STA. The only way to discover the wireless network is the Beacon frame sent by the AP. ()

A. True

B. False

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 329

Which of the following ACLs can match the transport layer port number?

A. Basic ACL

B. Layer 2 ACL

C. Advanced ACL

D. Intermediate ACL

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 330

What kind of network equipment can host A and host B use to achieve communication?

- A. Hub
- B. router
- C. Layer 2 switch
- D. HUB

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 331

When two OSPF routers form a 2-WAY neighbor relationship, LSDB. has been synchronized. ()

- A. True
- B. False

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 332

Both pwd. and dir commands in the VRP operating platform can view the file information in the current directory, ()

- A. False
- B. True

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 333

A routing entry contains multiple fields. Which of the following statements about these fields is false?

- A. Pre: indicates the preference value of a routing protocol.
- B. NextHop: indicates the address of the local interface corresponding to a route.
- C. Proto: indicates the source of a route.
- D. Destination/Mask: indicates the address and mask length of the destination network or host.

Answer: B ([LEAVE A REPLY](#))

Explanation:

NEW QUESTION: 334

The management of users by NAS devices is based on domains. Each user belongs to a domain, and a domain is a group composed of users belonging to the same domain. ()

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 335

After the administrator performs the configuration shown in the figure on a router, which of the following commands can be used to specify a short lease for addresses assigned using DHCP?

- A. dhcp select relay
- B. lease 0
- C. lease day 0 hour 10
- D. lease 24

Answer: C ([LEAVE A REPLY](#))

The command lease day 0 hour 10 sets the lease time for DHCP-assigned IP addresses to 10 hours. This setting provides a short, specific lease duration for dynamically assigned IP addresses, which can be useful in networks where devices frequently join and leave, minimizing IP address retention time.

NEW QUESTION: 336

The Backup port in RSIP can replace the failed root port. ()

- A. False
- B. True

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 337

In the network shown in the figure below, the router receives a data packet with a destination IP address of

11.0.12.1 from host A. This data packet is forwarded by the router. What are the destination mac and destination IP? () (Single-choice question)



- A. MAC-C11.0.12.1
- B. MAC-D11.0.12.1
- C. MAC-D10.0.12.2
- D. MAC-B11.0.12.1

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 338

Which of the following VRP commands can be used to enter area 0 view?

- A. [Huawei-ospf-1] area 0.0.0.0
- B. [Huawei-ospf-1] area 0 enable
- C. [Huawei-ospf-1] area 0
- D. [Huawei] ospf area 0

Answer: A ([LEAVE A REPLY](#))

In VRP, to enter the configuration view for a specific OSPF area, the syntax [Huawei-ospf-1] area 0.0.0.0 is used. This command specifies Area 0 in the correct format (dotted decimal notation) as required by VRP, which supports OSPF multi-area configuration by designating specific area views.

NEW QUESTION: 339

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

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 340

AAA. Which of the following is not included? ()

- A. Authorization
- B. Audit
- C. Authentication
- D. Accounting

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 341

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 342

Management Information Base (MIB) Information Base) is a virtual database, this database only exists on NMS. ()

- A. True
- B. False

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 343

What is wrong about the ARP message? ()

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 344

As shown in the figure below, in the MAC address table of the network. SWA and SWB, which of the MAC addresses, VLANs, and ports are correct? () (Single-choice question)



- A. SWA:
MAC
Address VLAN
Port
MAC-A
MAC-B
MAC-C
10
GEC/0/3
20
GEC/0/3
GEC/0/3
100
- B. SWA:

MAC Address

VLAN

Port

MAC-A

MAC-B

MAC-C

10

GEC/O/1

GEC/O/2

GEC/O/3

20

100

C. SWB:

MAC Address VLAN

Port

MAC-A

MAC-B

MAC-C

100

200

100

GEC/O/3

GEC/O/3

GEC/O/1

D. SWB:

MAC Address VLAN

Port

MAC-A

MAC-B

MAC-C

10

GEC/O/3

GEC/O/3

GEC/O/1

20

100

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 345

Which of the following is not included in AAA? ()

A. B. Authentication

- B. C. Authorization
- C. Audit
- D. D. Accounting)

Answer: C (LEAVE A REPLY)

NEW QUESTION: 346

Wi-Fi 6 is also known as the IEEE 802.11ax standard.

- A. TRUE
- B. FALSE

Answer: (SHOW ANSWER)

Detailed Explanation:Wi-Fi 6 refers to the IEEE 802.11ax standard, which improves the efficiency, capacity, and performance of wireless networks, especially in dense environments.

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NEW QUESTION: 347

The following statement about the main functions of the router is wrong (*)

- A. Realize the mutual communication between the same network disconnection equipment
- B. According to the source of the received packetIP address for forwarding
- C. Guide data forwarding according to the routing table
- D. Establish routing table through multiple protocols

Answer: A,B,C (LEAVE A REPLY)

NEW QUESTION: 348

When a switch receives a unicast data frame with a VLAN tag, but finds that the destination MAC address of the data frame cannot be queried in its MAC address table, the switch's processing behavior for the data frame is ().

- A. The switch will broadcast this data frame to all ports (except the receiving port) in the VLAN where the data frame is located
- B. The switch will broadcast this data frame to all Access ports
- C. The switch will broadcast the data frame to all ports
- D. The switch will discard this data frame

Answer: A (LEAVE A REPLY)

NEW QUESTION: 349

As shown in the figure below, all hosts can communicate normally. Is the correspondence between the MAC address and the port in the MAC address table of SWB correct? () (Single-choice question)



- A. MAC-A GO/0/1
MAC-B GO/0/2
MAC-C GO/0/3
- B. MAC-A GO/0/3
MAC-B GO/0/3
MAC-C GO/0/1
- C. MAC-A GO/0/1
MAC-B GO/0/1
MAC-C GO/0/3
- D. MAC-A GO/0/2
MAC-B GO/0/2
MAC-C GO/0/3

Answer: B (LEAVE A REPLY)

NEW QUESTION: 350

After an Eth-Trunk in LACP mode is created, devices on both ends send LACPDU to elect the Actor. Which of the following parameters in LACPDUs determine the Actor election?

- A. Device priority
- B. Interface number
- C. MAC address
- D. Interface priority

Answer: A,C,D (LEAVE A REPLY)

Detailed Explanation: In LACP (Link Aggregation Control Protocol), the Actor is elected based on device priority, interface priority, and MAC address. These parameters ensure consistency and determine the active links within the aggregated trunk. The interface number alone is not a determining factor. (Reference:

HCIA-Datcom Training Material, Link Aggregation Control Protocol (LACP))

NEW QUESTION: 351

If the MAC address of an interface is 00E0-FCEF-0FEC, the corresponding EUI-64 address is ().

- A. 02E0-FCFF-FEEF-0FEC
- B. 02E0-FCEF-FFFE-0FEC
- C. 00E0-FCEF-FFFE-0FEC
- D. 00E0-FCFF-FEEF-0FEC

Answer: C ([LEAVE A REPLY](#))

To form an EUI-64 address, the MAC address is split and FFFE is inserted in the middle, making the EUI-64 format 00E0-FCEF-FFFE-0FEC. Additionally, the 7th bit of the first byte is flipped to form the Modified EUI-64 address used in IPv6 for Stateless Address Autoconfiguration (SLAAC).

NEW QUESTION: 352

Which of the following statements is correct? ()

- A. The switch works at the physical layer
- B. The router works at the network layer
- C. The router works at the physical layer
- D. The switch works at the network layer

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 353

By default, what is the RouterDeadInterval of the ospf protocol on the broadcast network? ()

- A. 10s
- B. 40s
- C. 20s
- D. 30s

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 354

As shown in the figure below. All hosts can communicate normally. Which of the following statements are correct? () (Multiple Choice Questions)



- A. SWA's G0/0/3 learned 1 mac address
- B. G0/0/3 of SWB learned 2 mac addresses
- C. D. SWA's G0/0/3 learned 3 mac addresses

D. C. SWA's G0/0/3 learned 2 mac addresses

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 355

In the network shown in the figure below, there are the following configurations in Router A.
Which of the following statements is correct?

```
ip route-static 10.0.2.2 255.255.255.255 10.0.12.2
```

```
Route-static 10.0.2.2 255.255.255.255 10.0.21.2 preference 70
```



A. If the G0/0/1 port is Down, the route NextHop from Router A to 10.0.2.2 is changed to 10.0.21.2

B. The Next in the routing table of Router A reaches 10.0.2.2. Hop is 10.0.12.2

C. If the G0/0/2 port is Down, then Router A reaches 10.0.2.2. The route NextHop. is changed to 10.0.12.2

D. The Next in the routing table of Router A reaches 10.0.2.2. Hop is 10.0.21.2

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 356

Which of the following networks belong to a local area network? ()

A. A home network

B. Broadband Metropolitan Area Network

C. Internet

D. A company office network

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 357

The main function of the DNS protocol is ()

A. C. Remote access

B. file transfer

C. D. Mail transfer

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 358

The network is shown in the figure below. The router uses a sub-interface as the host gateway. The gateway IP address is 10.0.12.2. Which of the following commands can achieve this requirement? () (Multiple Choice Questions)



- A. interface GigabitEthernet0/0/0.20Dotlq termination vid 20
Ip address10.0.12.2255.255.255.0Arp broadcast enable #
- B. interface GigabitEthernet0/0/0.20Dotlg termination vid 10
Ip address10.0.12.2255.255.255.0Arp broadcast enable
- C. interface GigabitEthernet0/0/0.10Dotlq termination vid 20
Ip address10.0.12.2255.255.255.0Arp broadcast enable
- D. interface GigabitEthernet0/0/0.10Dotlq termination vid 10
Ip address10.0.12.2255.255.255.0 Arp broadcast enable #

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 359

Which of the following sources of routes can be obtained by a router?

- A. Static routes
- B. Direct routes
- C. Summary routes
- D. Dynamic routes

Answer: ([SHOW ANSWER](#))

Routers can learn routes from various sources:

- * Static routes: Manually configured routes.
- * Direct routes: Routes to networks directly connected to the router.
- * Summary routes: Aggregated routes summarizing multiple networks, often used in routing protocols.
- * Dynamic routes: Routes learned via routing protocols like OSPF, RIP, or BGP. These sources contribute to the router's routing table, enabling it to forward packets to known destinations.

NEW QUESTION: 360

(An administrator cannot log in to a Huawei router through Telnet, but other administrators can log in to the router. Which of the following are possible causes?)

- A. The administrator account has been disabled.
- B. The Telnet service has been disabled on the AR2200 router.
- C. The administrator account has been deleted.
- D. The user level of the administrator account has been changed to 0.

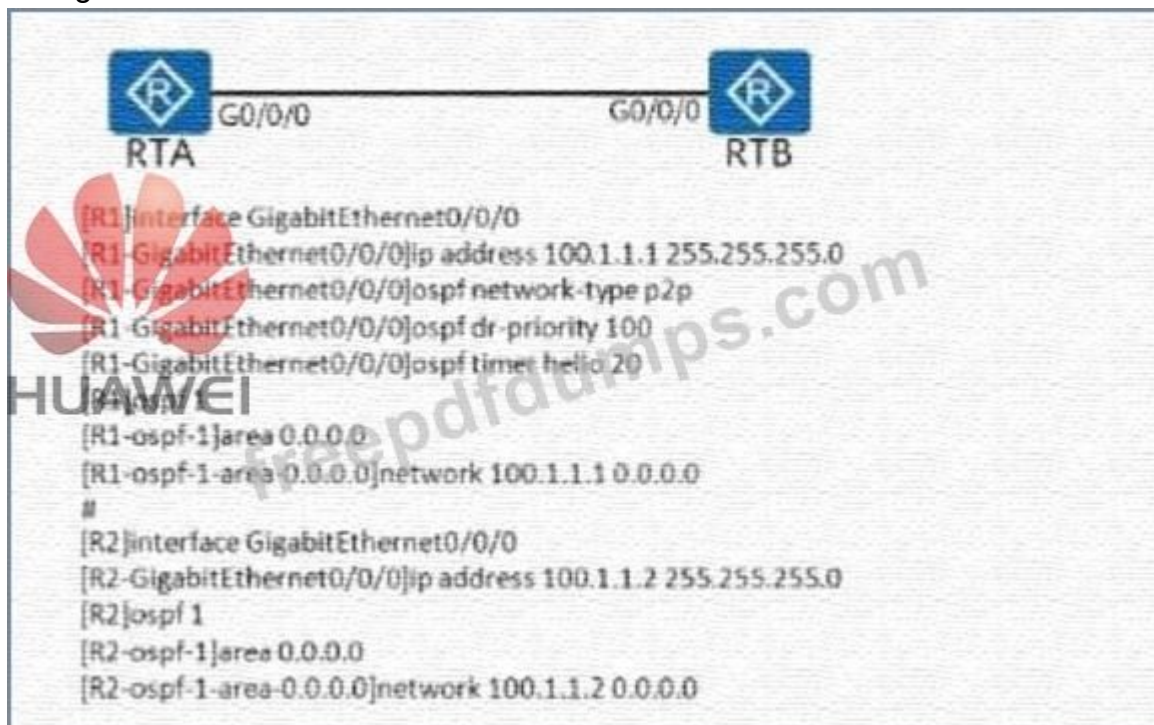
Answer: A,C,D (LEAVE A REPLY)

* Analysis of Possible Causes:

- * Option A: "The administrator account has been disabled" is a possible cause as a disabled account cannot access the system even if Telnet is enabled.
- * Option B: Incorrect because the Telnet service being disabled would affect all users, not just one administrator.
- * Option C: "The administrator account has been deleted" is a valid reason as a deleted account cannot log in.
- * Option D: "The user level of the administrator account has been changed to 0" is correct. User level 0 typically has insufficient privileges for Telnet access.

NEW QUESTION: 361

Refer to the graphic, which of the following statements is true about OSPF topology and configuration?



- A. Compared with R1, R2 is more likely to become the DR because the DR priority of the interface on R2 is lower than that of R1.
- B. After the default network type of the interface on R1 is restored to broadcast, a stable OSPF neighbor relationship can be set up between R1 and R2.

C. After the default network type of the interface on R1 is restored to broadcast and the hello packet sending interval is changed to 10s, a stable OSPF neighbor relationship can be set up between R1 and R2.

D. A stable OSPF neighbor relationship can be set up between R1 and R2.

Answer: C (LEAVE A REPLY)

Explanation:

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NEW QUESTION: 362

NAPT allows multiple private IP addresses to be mapped to the same public P address through different port numbers. The following description of the port number in NAPT is correct ().

A. No need to do any configuration about port number

B. Only need to configure the range of port numbers

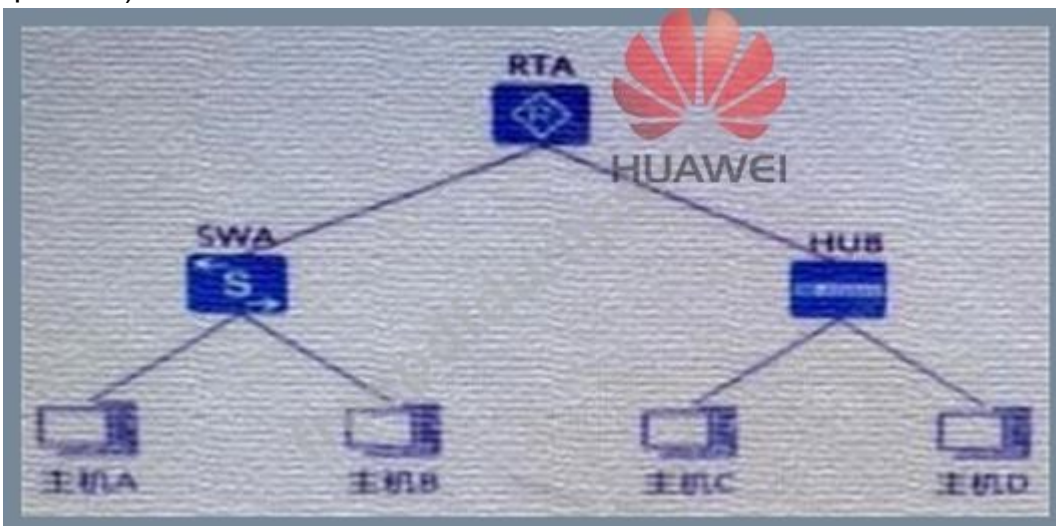
C. The correspondence between port numbers and private addresses must be manually configured

D. Need to use ACL to assign port numbers

Answer: A (LEAVE A REPLY)

NEW QUESTION: 363

As shown in the figure, is the description of this network topology correct? () (Single-choice question)



A. There are 6 broadcast domains in this network

- B. There are 12 conflict domains in this network
- C. There are 2 broadcast domains in this network
- D. There are 6 conflict domains in this network

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 364

The transport layer protocol has UDP and TCP, but UDP is more reliable than TCP

- A. False
- B. True

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 365

Router A. and Router B are established OSPF neighbor relationship, the OSPF process number of router A. is

1, and the area number is 0. Which of the following configurations on router A can enable router B to obtain the route of the network segment where host A is located? ()

- A. ospf 1 Import-route direct
- B. ospf 1 AreA.0.0.0.0 Network 192.168.1.00.0.0.255
- C. ospf 1 AreA.0.0.0.0 Network 192.168.1.2 0.0.0.0
- D. ospf 1 AreA.0.0.0.0 Network 192.168.0.00.0.255.255

Answer: A,B,D ([LEAVE A REPLY](#))

NEW QUESTION: 366

Which of the following commands is used to configure the country code on an AC?

- A. country-code
- B. province-code
- C. nation-code
- D. state-code

Answer: A ([LEAVE A REPLY](#))

The country-code command is used on an AC (Access Controller) to specify the country code, which aligns the wireless settings with local regulatory standards. Setting the correct country code ensures compliance with regional RF (Radio Frequency) regulations, such as frequency bands and transmission power limits.

NEW QUESTION: 367

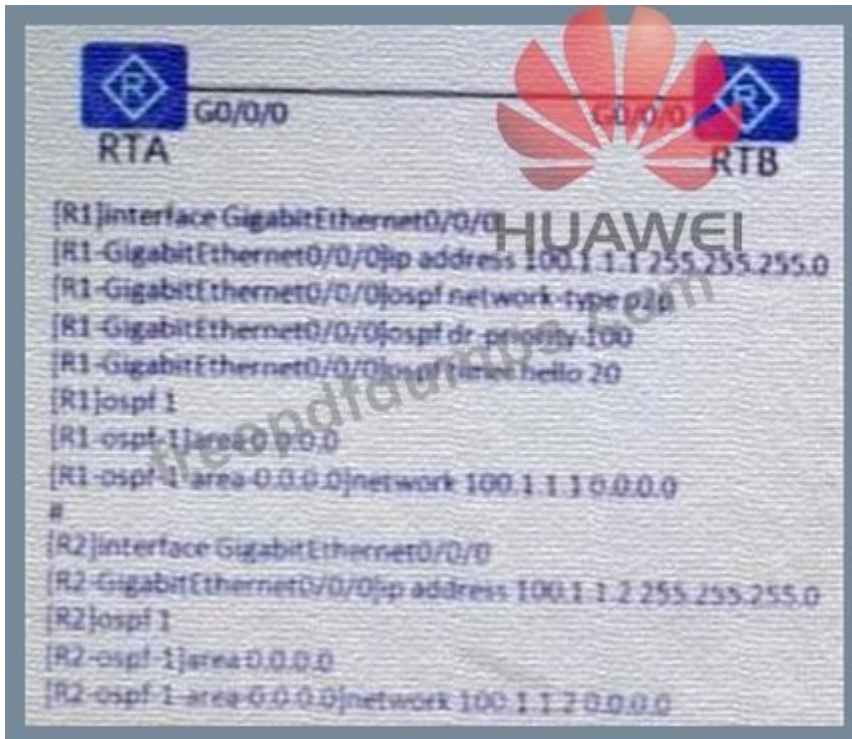
The routing table is generated by*

- A. ISIS
- B. Static
- C. OSPF
- D. Direct connection

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 368

As shown in the picture. About OSPF topology and configuration. Which of the following statements is correct? () (Single-choice question)



- A. R1 is more likely to become DR than R2, because its interface DR priority value is smaller
- B. As long as the interface network type of R1 is restored to the default broadcast type, and the hello time is adjusted to 10s, R1 and R2 can establish a stable neighbor relationship
- C. R1 and R2 can establish a stable OSPF neighbor relationship
- D. As long as the interface network type of R1 is restored to the default broadcast type, R1 and R2 can establish a stable neighbor relationship

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 369

The following rules exist in an ACL of a router. Rule deny top source 192.168.1.1, 1.00.0.0.255 destination

172.16.10.1 0.0.0.0 destination-port eq 21 is the correct statement? ()

- A. Rule source IP is 192.168.1.1, the destination IP is 172.16.10.3, and all TCP packets with the destination port number of 21 match this rule
- B. source IP is 192.168.1.1, destination IP is 172.16.10.1, and all TCP packets with destination port number 21 match this rule
- C. D. The type of ACL is basic ACL
- D. The source IP is 192.168.1.1, the destination IP is 172.16.10.2, and all TCP packets whose destination port number is 21 match this rule

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 370

DNS is used for domain name resolution

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 371

The Priority field in a VLAN tag can be used to identify the priority of a data frame. What is the value range of the field?

- A. 0 to 3
- B. 0 to 15
- C. 0 to 7
- D. 0 to 63

Answer: ([SHOW ANSWER](#))

Detailed Explanation: The Priority Code Point (PCP) field in an 802.1Q VLAN tag is 3 bits long, which gives it a value range of 0 to 7. This field is used to indicate the priority of the frame, with higher values indicating higher priority.

NEW QUESTION: 372

If the application layer protocol is Te1net, then the value of the Protoco1 field in the IPv4 header?
()

- A. 6
- B. 23
- C. 67
- D. 17

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 373

FIT AP can work independently without relying on AC. ()

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 374

VLAN 4095 is reserved for system use and VLAN 1 cannot be deleted on Huawei switches.

- A. TRUE
- B. FALSE

Answer: A ([LEAVE A REPLY](#))

Explanation:

NEW QUESTION: 375

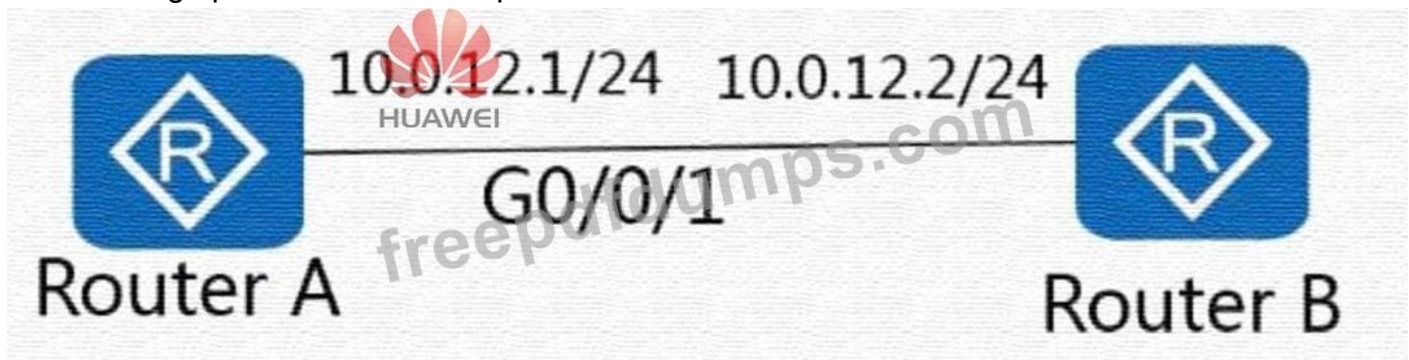
How many types of OSPF packets are there? ()

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 376

As shown in the figure, router A has successfully telneted to router B using 10.0.12.2. Which of the following operations will interrupt the Telnet session between router A and router B?



- A. Enable OSPF on G0/0/1
- B. Change the IP address of G0/0/1
- C. Disable G0/0/1
- D. Configure a static route

Answer: ([SHOW ANSWER](#))

Explanation:

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NEW QUESTION: 377

Which of the following statements about IPv6 address configuration is correct? (*)

- A. IPv6 supports DHCPv6 for address configuration
- B. IPv6 addresses can only be configured manually
- C. IPv6 supports stateless automatic configuration
- D. IPv6 address supports automatic configuration of multiple clocks

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 378

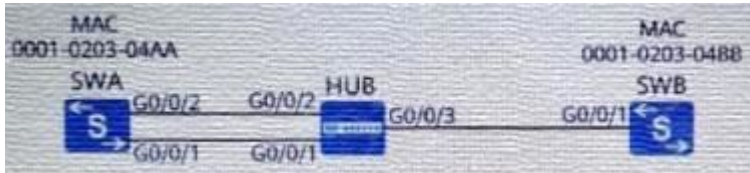
The following statement about static routing is wrong ()

- A. Routers need to exchange routing information
- B. Cannot automatically adapt to changes in network topology
- C. Manual configuration by network administrator
- D. Low system performance requirements

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 379

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)



- A. D. G0/0/1 of switch B
- B. B. G0/0/2 of switch A
- C. C. G0/0/1 of switch A

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 380

The IPv6 protocol uses NS and NA. packets for duplicate address detection ()

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 381

Virtualization is the basis for implementing NEV. Which of the following statements about the characteristics of virtualization is correct? ()*

- A. Isolation, where virtual machines on the same physical server are isolated from each other.
- B. Hardware independence: Virtual machines and hardware are decoupled, and virtual machines can be migrated between servers.
- C. Encapsulation: All virtual machines share the operating system, and encapsulation is achieved through namespaces.
- D. Partitioning: Multiple virtual machines can be run on a single physical server at the same time.

Answer: A,B,D ([LEAVE A REPLY](#))

NEW QUESTION: 382

On the network shown in the figure, router A adopts link aggregation in manual load balancing mode, and G0/0/1 and G0/0/2 are added to link aggregation group (LAG) 1. Which of the following statements is false about Eth-Trunk 1 on router A?



- A. If both G0/0/1 and G0/0/2 on router B are disabled, Eth-Trunk 1 is Up.
- B. If only G0/0/2 on router B is disabled, Eth-Trunk 1 is Up.
- C. If only G0/0/1 on router B is disabled, Eth-Trunk 1 is Up.
- D. If both G0/0/1 and G0/0/2 on router B are disabled, Eth-Trunk 1 is Down.

Answer: A (LEAVE A REPLY)

Explanation:

NEW QUESTION: 383

The classic network forwarding method is based on router routing table forwarding. The forwarding method of OpenFlow switches is based on flow table forwarding. Which of these two forwarding methods are correct? (*)

- A. The routing table is of fixed length. A device can only have one public routing table
- B. The flow table is getting longer. A network device can only have one flow table
- C. The matching method of the address table is to match the route of the destination network segment with the longest mask
- D. The matching method of the flow table is to match the MA of the flow at the same timeC.Address andIP address

Answer: A,C,D (LEAVE A REPLY)

NEW QUESTION: 384

What is the total length of an IPv6 address in bits? ()

- A. 64
- B. 96
- C. 32
- D. 128

Answer: (SHOW ANSWER)

NEW QUESTION: 385

For an Eth-Trunk in LACP mode, what is the default LACP system priority of a Huawei switch?

- A. 4096
- B. 36864
- C. 32768

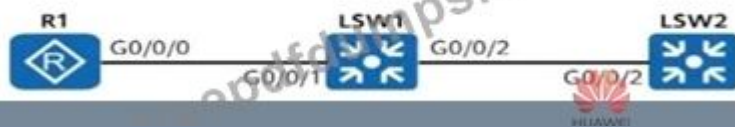
D. 24576

Answer: C (LEAVE A REPLY)

The default Link Aggregation Control Protocol (LACP) system priority on Huawei switches is 32768. This priority helps determine which device takes the active role in link aggregation when multiple switches are involved. A lower value indicates a higher priority for managing the aggregated link.

NEW QUESTION: 386

Refer to the graphic, after the ping 10.1.1.2 command is executed on R1, LSW1 receives a tagged data frame from VLAN 10 on LSW2.



```
[R1]interface GigabitEthernet0/0/0
[R1-GigabitEthernet0/0/0]ip address 10.1.1.1 255.255.255.0
#
[LSW1]interface GigabitEthernet0/0/1
[LSW1-GigabitEthernet0/0/1]port hybrid untagged vlan 10 20
[LSW1-GigabitEthernet0/0/1]port hybrid pvid vlan 10
LSW1]interface GigabitEthernet0/0/2
[LSW1-GigabitEthernet0/0/2]port link-type trunk
[LSW1-GigabitEthernet0/0/2]port trunk allow-pass vlan 10 20
#
```

```
[LSW2]interface GigabitEthernet0/0/2
[LSW2-GigabitEthernet0/0/2]port link-type trunk
[LSW2-GigabitEthernet0/0/2]port trunk allow-pass vlan 10 20
[LSW2]interface vlanif 10
[LSW2-Vlanif10]ip address 10.1.1.2 255.255.255.0
```

- A. TRUE
- B. FALSE

Answer: A ([LEAVE A REPLY](#))

Comprehensive Explanation: In this configuration, LSW1 and LSW2 have trunk links that allow VLAN 10 to pass between them. When a ping is sent from R1, the frame is tagged with VLAN 10 on LSW2, and this tagged frame is forwarded to LSW1. Since the trunk allows VLAN 10, the tagged data frame is successfully received and processed by LSW1.

NEW QUESTION: 387

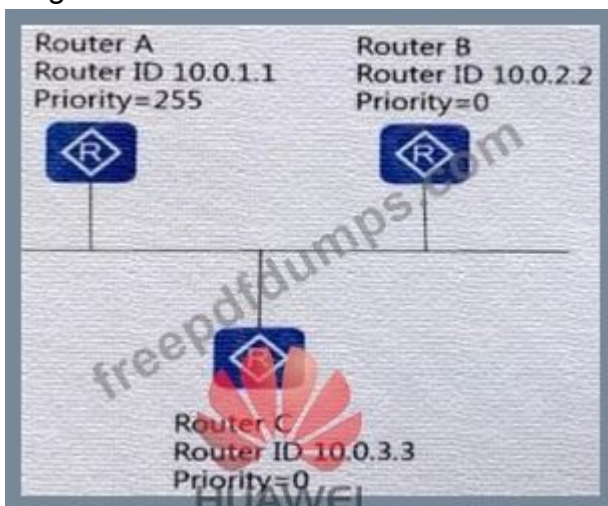
What kind of packets does the OSPF protocol use to discover and maintain neighbor relationships? ()

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 388

In the network shown in the figure below, when the OSPF neighbor status is stable. What is the neighbor status of Router B and Router C?



- A. C. Attempt
- B. 2-way
- C. D. Down

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 389

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 390

Which of the following are features of the OSPF protocol?

- A. The shortest path is calculated based on the number of hops.
- B. Triggered update is supported.
- C. Routing loops are likely to occur.
- D. Area division is supported.

Answer: (SHOW ANSWER)

Detailed Explanation:

- * Option B: OSPF supports triggered updates, allowing routing tables to be updated only when changes occur, conserving bandwidth.
- * Option D: OSPF supports area division, which is essential for optimizing large networks and limiting the scope of link-state advertisements.
- * Option A is incorrect because OSPF calculates the shortest path based on cost, not hop count.
- * Option C is incorrect; OSPF prevents routing loops by maintaining a loop-free topology through its link-state database.

(Reference: HCIA-Datacom Training Material, OSPF Features)

NEW QUESTION: 391

Which of the following statements about IPv6 address configuration are correct? (*)

- A. IPv6 addresses can only be configured manually
- B. IPv6 address supports automatic configuration in multiple ways
- C. IPv6 supports stateless automatic configuration
- D. IPv6 supports DHCPv6 for address configuration

Answer: (SHOW ANSWER)

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NEW QUESTION: 392

The Priority field in the VLAN tag can identify the priority of the data frame. What is the scope of this priority? ()

- A. 0-7
- B. 0-15
- C. 0-3
- D. 0-63

Answer: A (LEAVE A REPLY)

NEW QUESTION: 393

UDP has a sliding window mechanism to control the speed of data transmission

- A. False
- B. True

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 394

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 395

The vty distribution responsibility is shown in the figure, and the user authority level is set to level 3. ()

```
#Huawei#user-interface vty 0 14 Huawei-ui-vtyo-14acl 200o inbound Huawei-ui-vtyo-14Juser privilegelevel 3
```

```
#Huawei-ui-vtyo-14#authentication-node passworD.Please Configure the login passvord (maxiu length 16):
```

huawei

- A. False
- B. True

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 396

The Layer 2 networking of WLAN refers to STA. It uses AC as its own gateway. ()

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 397

Which stage in the life cycle of campus network construction is the beginning of a project? ()

- A. Planning and design
- B. Network operation and maintenance
- C. B. Network implementation

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 398

A DHCP server is deployed on the network, but the administrator finds that some hosts have not correctly obtained the addresses specified by the DHCP server. What are the possible reasons? (Multiple Choice Questions)

- A. Some hosts cannot communicate with the DHCP server normally, and the client systems of these hosts automatically generate addresses in the range of 169.254.0.0
- B. Some hosts cannot communicate with the DHCP server normally, and the client systems of these hosts automatically generate addresses in the range of 127.254.0.0
- C. The address pool of the DHCP server has all been allocated
- D. There is another DHCP server that works more efficiently in the network

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 399

Which of the following statements about Prefix Segment is wrong? ()

- A. Prefix Segment can be automatically allocated by IGP
- B. Prefix Segment is used to identify a destination address prefix in the network (Prefix)
- C. Prefix Segment spreads to other network elements through the IGP protocol, which is globally visible and effective
- D. B. Prefix Segment needs to be configured manually

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 400

IP route--static 10.0.12.0 255.255.255.0 192.168.1.1 About this command description is correct ()

- A. If the router learns a route with the same destination network as this route through other protocols, the router will prefer this route
- B. This command configures a route to the 10.0.12.0 network
- C. D. This command configures a route to the 192.168.1.1 network
- D. B. The priority of this route is 100

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 401

What are the functions of OSPF protocol DR and BDR?

- A. Reduce the types of OSPF protocol packets
- B. Reduce the time to establish adjacency
- C. Reduce the number of adjacencies
- D. Reduce the number of exchanges of link state information

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 402

Which of the following are related to the purpose of encapsulation and decapsulation? ()*

- A. Encapsulation and decapsulation can complete network fault location

- B. Interworking between different networks
- C. Shorten the length of the message
- D. Encapsulation and decapsulation are important steps to realize the functions of different protocols

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 403

Which of the following statements about the output on the router R1 shown in the figure is false?

```

<R1>display ip interface Ethernet 0/0/0
Ethernet0/0/0 current state : UP
Line protocol current state : UP
The Maximum Transmit Unit : 1500 bytes
input packets : 3645, bytes : 287468, multicasts : 8390
output packets : 3715, bytes : 294616, multicasts : 3654
Directed-broadcast packets:
  received packets: 0, sent packets: 0
  forwarded packets: 0, dropped packets: 0
ARP packet input number: 29
  Request packet: 13
  Reply packet: 16
  Unknown packet: 0
Internet Address is 10.0.12.1/24
Broadcast address : 10.0.12.255
  
```

- A. The MTU of Ethernet 0/0/0 is 1480.
- B. The IP address of Ethernet 0/0/0 is 10.0.12.1/24.
- C. The physical link of Ethernet 0/0/0 is working normally.
- D. The broadcast address of Ethernet 0/0/0 is 10.0.12.255.

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 404

Which of the following port states does the RSTP protocol include?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 405

Which of the following parameters cannot be used for advanced access control lists? ()

- A. D. time limit
- B. Physical interface
- C. B. Destination port number

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 406

The following two configuration commands can realize the master and backup backup of the router R1A to the same destination 10.1.1.0.

```
RTA#ip route-static 10.1.1.0 24 12.1.1.1 permanent
RTA#ip route-static 10.1.1.0 24 13.1.1.1
```

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 407

Which statement is true regarding the following command?

```
ip route-static 10.0.12.0 255.255.255.0 192.168.1.1
```

- A. The configuration represents a static route to the 10.0.12.0 network.
- B. The configuration represents a static route to the 192.168.1.1 network.
- C. If the router has learned the same destination network via a dynamic routing protocol, the static route will always take precedence.
- D. The preference value of this configured route is 100.

Answer: **A** ([LEAVE A REPLY](#))

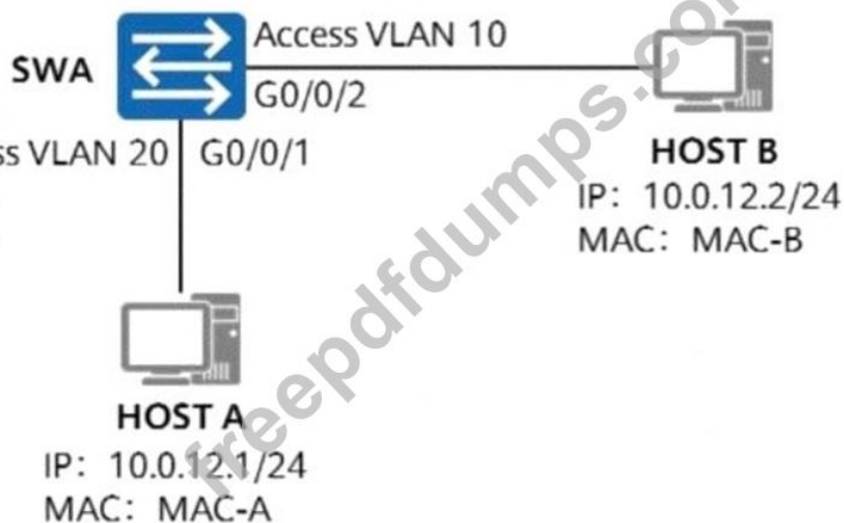
The command defines a static route to the network 10.0.12.0 with a 255.255.255.0 subnet mask, using

192.168.1.1 as the next-hop address. Static routes are manually set routes with fixed paths, and by default, they have higher priority than dynamic routes, but the specific preference value depends on configuration.

This setup enables targeted routing for traffic towards the specified destination.

NEW QUESTION: 408

As shown in the figure, if host A has the ARP cache of host B, host A can ping host B.



- A. TRUE
- B. FALSE

Answer: A ([LEAVE A REPLY](#))

If host A already has host B's MAC address in its ARP cache, it can send packets directly to host B without needing to perform an ARP request. This cached information allows immediate packet delivery, assuming no network changes have occurred that would invalidate the ARP entry.

NEW QUESTION: 409

Which of the following operations are mandatory to restore the factory default settings of an AR2200 router?

- A. Restarting the AR2200 router
- B. Resetting saved configurations
- C. Clearing the current configuration
- D. Specifying the configuration file for the next startup

Answer: B,C ([LEAVE A REPLY](#))

Restoring factory defaults on an AR2200 router requires both clearing the current configuration and resetting saved configurations. These steps ensure that any custom settings are removed, reverting the router to its original state. Simply restarting or specifying a startup file without clearing configurations would not remove custom settings.

NEW QUESTION: 410

The Layer 2 Ethernet switch generates entries in the MAC address table according to the () of the Ethernet frame received by the port. ()

- A. Source MAC. Address
- B. D. Destination IP address
- C. C. Destination MAC. Address

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 411

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. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 412

Which of the following commands is used to display the CPU usage of a router?

- A. display cpu-state
- B. display interface
- C. display cpu-usage
- D. display memory

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 413

Does the WEP security policy support the use of TKIP for data encryption?

- A. False
- B. True

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 414

Management Information Base (MIB) Information Base) is a virtual database, which only exists on the NMS. ()

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 415

An ACL rule is as follows. Which of the following IP addresses can be matched by the permit rule?

rule 5 permit ip source 10.0.2.0 0.0.254.255

- A. 10.0.6.7
- B. 10.0.5.6
- C. 10.0.4.5
- D. 10.0.2.1

Answer: C ([LEAVE A REPLY](#))

Comprehensive Explanation: The wildcard mask 0.0.254.255 corresponds to a range of IP addresses where the second octet can vary between 2 and 4, and the third octet can vary

between 0 and 255. This means the ACL rule matches IP addresses in the range 10.0.2.0 to 10.0.4.255. The only option that falls within this range is 10.0.4.5, making it the correct answer.

NEW QUESTION: 416

Which of the following protocols does the RA. message used by IPv6 stateless autoconfiguration belong to? ()

- A. D. TCPv6
- B. C. UDPv6
- C. ICMPv6

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 417

What packet types are included in DHCP?

- A. DHCP Discover packet
- B. DHCP Request packet
- C. DHCP Rollover packet
- D. DHCP Offer packet

Answer: A,B,D ([LEAVE A REPLY](#))

Comprehensive Explanation: DHCP (Dynamic Host Configuration Protocol) involves several packet types used in the process of assigning IP addresses. These include:

- * DHCP Discover: The client broadcasts this packet to find available DHCP servers.
- * DHCP Offer: The DHCP server responds with an IP address offer to the client.
- * DHCP Request: The client requests the offered IP address from the server. There is no such thing as a "DHCP Rollover" packet. The process continues with the DHCP server sending an acknowledgment to finalize the IP address lease.

NEW QUESTION: 418

The network shown in the figure. Which of the following configurations can realize that the host A can access the Internet, but the host B can not? (ABCD) (Multiple Choice Questions)

- A. acl number 2000

```
Rule5 deny source 100.0.12.0.0.0.0.255 Rule 10 permit source 100.0.13.0.0.0.0.255  
#
```

```
Interface GigabitEthernet0/0/3  
Traffic-filter outbound acl 2000  
#
```

- B. acl number 2000

```
Rule 5 permit source 100.0.13.0.0.0.0.255  
Rule 10 deny  
#
```

```
Interface GigabitEthernet0/0/3
```

```
Traffic-filter outbound acl 2000
#
C. acl number 2000
Rule5 deny source100.0.12.0.0.0.0.255Rule 10 permit
#
Interface GigabitEthernet0/0/3
Traffic-filter outbound acl 2000
#
D. acl number 2000
Rule 5 permit source 100.0.13.0.0.0.0.255
Rule10 deny source100.0.12.0.0.0.0.255#
Interface GigabitEthernet0/0/3
Traffic-filter outbound acl 2000
#
```

Answer: A,B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 419

Layer 2 ACL can match source MAC, destination MAC, source IP, destination IP and other information. ()

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 420

The administrator made the configuration on the router as shown in the figure. At the same time, the administrator wants to assign a shorter lease period to the DHCP address. Which of the following commands should be used? () (Single-choice question) ip pool pool netyork10.10.10.0ask255.255.255.0 gateway-list 10.10.10.1

- A. C. Lease day 0 hour 10
- B. D. Lease 24
- C. B. Dhcp select relay

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 421

Which of the following refers to network communication? (*)

- A. Use computer to watch videos online
- B. Download emails from the company mailbox to your computer
- C. Use a computer to access the company's official website
- D. Use instant messaging software (such as: QQ. WeChat) to chat with friends

Answer: A,B,C,D ([LEAVE A REPLY](#))

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NEW QUESTION: 422

As shown in the figure, a static NAT command is deployed on router R1. When the PC accesses the Internet, the destination address in the data packet will not change. ()(True or False)



- A. False
- B. True

Answer: A (LEAVE A REPLY)

NEW QUESTION: 423

Which of the following attributes cannot be used as a parameter to measure Cost? ()

- A. sysname
- B. D. bandwidth
- C. B. Hop count

Answer: B (LEAVE A REPLY)

NEW QUESTION: 424

With what kind of routers does a DRother router exchange link state information and route information?

- A. DRother
- B. DR
- C. BDR
- D. All OSPF neighbors

Answer: B (LEAVE A REPLY)

Explanation:

NEW QUESTION: 425

Since the TCP protocol uses a three-way handshake mechanism when establishing a connection and closing a connection, TCP supports reliable transmission.

- A. False
- B. True

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 426

With SNMP, an NMS can only display the device running status but cannot deliver configurations.

- A. TRUE
- B. FALSE

Answer: B ([LEAVE A REPLY](#))

Detailed Explanation:With SNMP (Simple Network Management Protocol), a Network Management System (NMS) can both monitor device status and configure settings on managed devices using SNMP Set commands. (Reference: HCIA-Datacom Training Material, SNMP Protocol Functions)

NEW QUESTION: 427

What is the length of the basic IPv6 header in bytes? ()

- A. D. 32
- B. C. 48
- C. 40
- D. B. 64

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 428

Which field of the Pv6 packet header can be used for Q0s? ()

- A. D. Payload Length
- B. B. Next Header
- C. Traffic Class

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 429

Which of the following protocols consist of the PPP agreement? (*)

- A. NCP
- B. LCP
- C. PPPOE
- D. Authentication protocol

Answer: A,B,D ([LEAVE A REPLY](#))

NEW QUESTION: 430

The MPLS label header is encapsulated between the data link layer header and the network layer header of the message. ()

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 431

The two-layer switch is a data link layer device, which can identify the MAC address information in the data frame, and record these MAC addresses and corresponding port information in its own MAC address table. ()

- A. False
- B. True

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 432

After the two routers are configured with OSPF, the administrator configures the command on RTA. The following description is correct ()

- A. RTA. will continue to receive and analyze and process OSPF packets sent by RTB.
- B. The neighbor relationship between the two routers will not be affected
- C. RTA. Will no longer send OSPF packets
- D. The neighbor relationship between the two routers will be down

Answer: A,B,C ([LEAVE A REPLY](#))

NEW QUESTION: 433

Through sR (Segment Routing), an explicit path can be easily defined. The nodes in the network only need to maintain the SegmentRouting information to cope with the real-time and rapid development of the business.

What are the following characteristics of Segment Routing?

- A. Extending the existing protocol (eg IGP) can make the existing network better and smoothly evolve
- B. Source routing technology is used to provide the ability to quickly exchange text between the network and upper-layer applications
- C. SR (Segment Routing) adopts IP forwarding, no extra dimensioning is required-a label forwarding table
- D. At the same time, it supports the centralized control mode of the controller and the distributed control mode of the transponder, providing a balance between centralized control and distributed control

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 434

The router ID of the OSPF-enabled router must be the same as the IP address of an interface on the router.

- A. TRUE
- B. FALSE

Answer: B (LEAVE A REPLY)

Explanation:

NEW QUESTION: 435

Which of the following MAC addresses cannot be used as the MAC address of host network adapters?

- A. 0002-0304-05-06
- B. 02-03-04-05-06-07
- C. 01-02-03-04-05-06
- D. 03-04-05-06-07-08

Answer: C (LEAVE A REPLY)

Detailed Explanation: MAC addresses that start with the first octet having the least significant bit (LSB) of the first byte set to 1 (such as 01-02-03-04-05-06) are multicast MAC addresses, and these cannot be assigned to a host's network interface card (NIC). Only unicast MAC addresses can be assigned to hosts.

NEW QUESTION: 436

What is the number range of an advanced ACL?

- A. 2000-2999
- B. 3000-3999
- C. 6000-6031
- D. 4000-4999

Answer: B (LEAVE A REPLY)

In Huawei devices, advanced ACLs use a number range from 3000 to 3999. These ACLs allow more granular control over traffic by permitting conditions based on source and destination IP addresses, protocol types, and ports, making them suitable for complex filtering requirements.

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NEW QUESTION: 437

On Huawei equipment, if AAA authentication is used for authorization, when the remote server does not respond, authorization can be performed from the network equipment side ()

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 438

In the OSPF protocol, which of the following descriptions of DR is correct? ()

- A. By default, all routers in this broadcast network will participate in the DR election
- B. If the priority values of the two routers are different, the router with the lower priority is selected as the DR
- C. If the priority values of the two routers are equal, the router with the larger Router ID is selected as the DR
- D. DThe adjacency relationship should also be established between R and BDR

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 439

The output information of the sub-interface of a certain router's aggregation port 1 is shown in the figure.

Based on this information, which of the following statements is correct? ()

```
[Router A] display Interface Eth-Trunk 1.100Eth-Trunk1.100 current state UP Line protocol
current state UP Last line protocol up time 2019-03-04 10:22:40 UTC.-08:00 Description:
HUAWEI, ARSeries, Eth-Trunk1.
```

```
100 Interface Route Port, Hash arithmetiC.:According to SIP-XOR-DIP, Maximal BW:2G.Current
BW:2G, The Maximum Transmit Unit is 1500 Internet Address is 10.0.12.2/24 IP Sending
Frames'Format is PKTFIT ETENT 2, Hardwareaddress 1s 00e0-fc3b-2015 Current system
time:2019-03-04 10:24:29-08:00 Last 300 seconds input rate0 bits/sec.0 packets/sec Last 300
seconds output rate 0 bits /seC.0 packets/sec Realtime 0 seconds inputrate 0 bits/seC.0
packets/sec Realtime 0 seconds output rate 0 bits/seC.0 packets/sec Input: 6 packets, 574 bytes,
Output: 7 packets, 638 bytes, Input bandwidth utilization 0% Output bandwidth utilization 0%
PortName Status Weight GigabitEthernet0/0/1 UP 1 GigabitEthernet0/0/2 UP 1 The Number of
Ports in Trunk:2 The Number of UP Ports in Trunk:2*
```

- A. The P address of the sub-interface of the aggregate port is 10.0.12.2/24
- B. Two links exist on the aggregated port
- C. The sub-interface number of the aggregate port is 100
- D. The sub-interface of the aggregate port carries VLAN TAG100 when forwarding data frames

Answer: A,B,C ([LEAVE A REPLY](#))

NEW QUESTION: 440

Which information of the data frame is used by the VLANIF interface to determine whether to perform Layer

2 or Layer 3 forwarding? ()

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 441

What is the range of VLAN ID that users can use? ()

- A. 0-4096
- B. 1-4094
- C. 1-4096
- D. 0-4095

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 442

When an Access type port sends a message, it will ()

- A. Type the PVID. information of this port, and then send it out
- B. Add the ZLAN message of the message, and then send it out
- C. Send tagged messages
- D. Strip the VLAN information of the message, and then send it out

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 443

How to add AP on AC.? ()*

- A. Manually confirm APs in the non-certified list
- B. Import AP offline
- C. Add online
- D. Automatically discover AP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 444

In IPv4 network, AP supports static and DHCP to obtain IP address ()

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 445

Which of the following functions does the LCP protocol in the PPP protocol support? ()*

- A. Detect link loop
- B. Negotiated maximum receiving unit MRU
- C. Negotiate network layer address
- D. Negotiate authentication agreement

Answer: A,B (LEAVE A REPLY)

NEW QUESTION: 446

The ACL configuration information of a certain router is shown in the figure. Which of the following statements is correct? () (Single-choice question)

```

#
acl number 2000
 rule 5 permit source 192.168.1.1 0
 rule 10 deny source 192.168.1.1 0
#

```

- A. The packet whose source IP address is 192.168.1.254 is matched by the permit rule
- B. The packet with the source IP address of 192.168.1.1 is matched by the permit rule
- C. D. The packet with the source IP address 192.168.1.1 is matched by the deny rule
- D. Packets with source IP addresses of 192.168.1.1 and 192.168.1.254 are matched by the permit rule

Answer: B (LEAVE A REPLY)

NEW QUESTION: 447

Which of the following are true about the Ethernet data frame with the "Length/Type" field being 0x0806?

- A. The source MAC address of the data frame is definitely not FFFF-FFFF-FFFF.
- B. The data frame is an Ethernet II frame.
- C. The data frame is an IEEE 802.3 frame.
- D. The destination MAC address of the data frame must be FFFF-FFFF-FFFF.

Answer: A,B (LEAVE A REPLY)

A "Length/Type" field value of 0x0806 indicates an ARP (Address Resolution Protocol) frame, which is part of the Ethernet II frame standard. The source MAC address cannot be a broadcast address (FFFF-FFFF-FFFF), as ARP requests are sent from specific hosts. This field helps identify the protocol type used by the Ethernet frame.

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