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NEW QUESTION: 1

BGP protocol packets are sent periodically.

- A. FALSE
- B. TRUE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 2

Regarding port isolation, which of the following statement is wrong?

- A. Port isolation is isolation of physical layer.
- B. Port isolation can be isolated based on VLANs.
- C. Clients wishing to access PCs from different ports cannot communicate with each other, which can achieve through port isolation.
- D. Port isolation is an access control security control mechanism between switch ports.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 3

An Access Control List (ACL) can be used to match routing information or the address of a packet. It can only distinguish between certain types of packets and cannot filter packets.

- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

Which of the following descriptions is correct about BGP-recognized arbitrary attributes? (Multiple choice)

- A. It is not required to exist in the Update message. You can decide whether to add it to the Update message according to the specific situation.
- B. All BGP routers must be identified
- C. Can not be passed between BGP neighbors
- D. Must be passed between BGP neighbors

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

NEW QUESTION: 5

In the OSPF routing protocol, under the same conditions, the second type of external route is always preferred over the first type of external route.

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 6

Regarding the description of the BGP state machine, the error is:

- A. In the Established state, BGP peers can exchange Update packets, Route-refresh packets, Keepalive packets, and Notification packets.
- B. The status of both BGP peers must be OpenConfirm. The BGP neighbor relationship can be established. The two parties exchange routing information through Update packets.
- C. In the Idle state, BGP rejects any incoming connection requests and is the initial state of BGP.
- D. In the Active state, BGP will attempt to establish a TCP connection, which is the intermediate state of BGP.

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

NEW QUESTION: 7

Which of the following description is wrong about the BGP UPDATE message?

- A. UPDATE message can carry multiple reachable routing information.
- B. In general, UPDATE messages are sent after Keepalive
- C. UPDATE message is sent in multicast form
- D. UPDATE message is used as routing information between BGP peers

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

NEW QUESTION: 8

Which of the following description is to verify whether a received hello message is legally wrong?

- A. If the network type of the receiving port is broadcast, point-to-multipoint or NBMA, the network mask field in the received Hello message and the interface can be inconsistent.

B. The E-bit in the Options field in the received Hello message must be consistent with the configuration of the related area.

C. The RouterDeadInterval field in the received Hello message must be consistent with the configuration of the receiving port.

D. If the network type of the receiving port is point-to-point type or virtual link, the Network Mask field is not checked.

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

NEW QUESTION: 9

In the PIM-SM protocol, the DR connected to the multicast receiver is charge of sending a unicast Register message to the RP.

A. True

B. False

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

NEW QUESTION: 10

Which command can be used to view OSPF neighbor status information?

A. display ip ospf peer

B. display ospf neighbor

C. display ip ospf neighbor

D. display ospf peer

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

NEW QUESTION: 11

Regarding RP, which of the following statement is correct? (Multiple choice)

A. RP is the root of the RPT tree

B. The RP is elected by the BSR router.

C. All routers in the PIM-SM network need to know the location of the RP.

D. The RP in the PIM-SM network can only be specified manually.

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

NEW QUESTION: 12

The peer command can be used to manually specify neighbors in MBMA network of OSPF.

A. TRUE

B. FALSE

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

NEW QUESTION: 13

In the same LAN, if some IGMPv1 routers exist in the LAN, IGMPv1 must be forcibly configured for all routers in the subnet to use normally.

A. False

B. True

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

NEW QUESTION: 14

What are the routes that can be used to filter routes in BGP commonly used routing policy tools?

- A. peer-list
- B. route-policy
- C. ip extcommunity-filter
- D. filter-policy

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

NEW QUESTION: 15

A route-policy can have multiple nodes. Different node numbers are identified by seq-number. The relationship between different parts of different seq-numbers is OR.

- A. True
- B. False

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

NEW QUESTION: 16

For the BPDU packet flag defined in the RSTP protocol and the BPDU packet flag defined in the STP protocol. What are the different fields?

- A. Topology notification flags
- B. Topology change flag
- C. Topology Change Confirmation Flag
- D. Topology Change Flags and Topology Notification Flags

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

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NEW QUESTION: 17

PIM-DM does not rely on a specific unicast routing protocol but uses an existing unicast routing table for RFF checking.

- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 18

In OSPF, the LSDB overload is usually caused by too many AS external route information (the fifth type of LSA).

- A. FALSE
- B. TRUE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 19

When multiple routing tools are configured for route filtering for a BGP neighbor, which of the following description is wrong? (Multiple choice)

- A. For the peer to receive the route, route-policy is first processed with PPe.
- B. For the peer to send the route, PPe is first processed with route-policy.
- C. For the peer to send the route, route-policy is first processed with IPe.
- D. For the peer to receive the route, IP-Prefix is first processed with route-policy.

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

NEW QUESTION: 20

By default, when the route-policy of a BGP neighbor is changed, VRP requires manual operation to re-send an Update message to the neighbor.

- A. True
- B. False

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

NEW QUESTION: 21

In which of the following states do BGP peers refuse to initiate or accept connection requests?

- A. Established
- B. OpenConfirm
- C. Active
- D. Idle

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

NEW QUESTION: 22

Regarding the description of OSPF external route types, which is wrong?

- A. OSPF is divided into the first type of external routes and the second type of external routes.
- B. The cost of the first external route of OSPF is the sum of the internal cost of AS (the router-to-ASBR overhead) and the AS external cost.
- C. The cost of the second type of OSPF external route is AS external cost.
- D. With the same other conditions, the first type of external route of OSPF is always preferred over the second type of external route.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

Which of the following can't inject local routes into BGP? (Multiple choices)

- A. Receive Routes from Peers
- B. Through summary automatic command
- C. Through import command
- D. Through the network command

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

NEW QUESTION: 24

In a network running STP, multiple topology change informations are sent when the network topology changes. How many kinds of topology change informations are defined in the RSTP network?

- A. Four kinds
- B. Three kinds
- C. One kind
- D. Two kinds

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

NEW QUESTION: 25

Which of the following descriptions of the OSPF protocol are correct? (Multiple choice)

- A. The ASE LSA describes the path to the external route of the AS. The scope of the flooding is outside the AS.
- B. AS-External-LS does not belong to any area
- C. ASBR Summary LSA describes the path of the ASBR and floods between AS.
- D. The cost value of the second type of external route is only the external cost of the AS, and the value of the AS content is ignored.

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

NEW QUESTION: 26

Which of the following LSA messages carry master-slave relationship information?

- A. Hello message
- B. LSA Request message
- C. LSA Update message
- D. DD message

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

NEW QUESTION: 27

Which statements about OSPF packets are true? (Select 2 answers)

- A. LS Update packets are sent only after an adjacency is established.

- B. Hello packets can be sent immediately after the interface joined OSPF area.
- C. LS Update messages synchronize the link state database by sending detailed LSAs.
- D. After received LS Update packets, the router must send LSAck for confirming.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 28

Which of the following description of the working mode of PIM is wrong?

- A. PIM-ASM
- B. PIM-DM
- C. PIM-SM
- D. PIM-SSM

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 29

Which of the description of the shortest path tree for OSPF is correct?

- A. The first stage calculates the Stub network segment, and the second phase calculates the routing node.
- B. The first stage calculates the Stub network segment, and the second phase calculates the router node and Transit segment.
- C. The first phase calculates the routing node and the second stage calculates the Stub network segment.
- D. The first phase calculates the routing node and Transit network segment, and the second stage calculates the Stub network segment.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

The matching order of ACL can be out of accordance with sequencing of user configuring the rules for the ACL.

- A. True
- B. False

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

NEW QUESTION: 31

BGP recognized community attributes are: (Multiple Choice)

- A. Internet
- B. Advertise
- C. NO-ADVERTISE (0xFFFFFFFF02)
- D. NO-EXPORT (0xFFFFFFFF01)

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 32

The following is part of the output information of the router Huawei. For the output information, which description is wrong?

```
&lt;Huawei&gt; display pim interface gigabitethernet 1/0/0 verbose
```

```
VPN-Instance: public net
```

```
Interface: GigabitEthernet1/0/0, 10.1.1.1
```

```
PIM version:2
```

```
PIM mode: Sparse
```

```
PIM state: up
```

```
PIM DR: 10.1.1.2
```

```
PIM DR Priority (configured): 1
```

```
PIM neighbor count:1
```

```
PIM hello interval: 30 s
```

- A. The DR on this interface is 10.1.1.1
- B. The router gigabitethernet 1/0/0 interface runs PIMv2
- C. The PIM status of the gigabitethernet 1/0/0 interface of the router is UP.
- D. PIM-SM running on the gigabitethernet 1/0/0 interface of the router

Answer: (SHOW ANSWER)

NEW QUESTION: 33

The peer command can be used to manually specify neighbors on a NBMA network of OSPF.

- A. FALSE
- B. TRUE

Answer: B (LEAVE A REPLY)

NEW QUESTION: 34

About this section configuration, which of the following descriptions are correct? (Multiple choice)

```
SWA]stp mode mstp
SWA]stp region-configuration
SWA-mst-region]region-name RegionA
SWA-mst-region]revision-level 1
SWA-mst-region]instance 1 vlan 2
SWA-mst-region]instance 2 vlan 3
SWA-mst-region]active region-configuration
```

- A.** region-name RegionA command configures the MST region name of the switch. By default, the MST region name of the switch is the MAC address of the switch.
- B.** The revision-level 1 is used to configure the MSTP revision level. The value range is 0 to 65535. By default, the MSTP revision level is 1.
- C.** Use the instance 2 vlan 3 command is used to map VLAN 3 to MST Instance 2. All the default VLANs are mapped to Instance 1.
- D.** The active region-configuration command is used to activate the configuration of the MST region. If you do not perform this operation, the configured domain name, VLAN mapping table, and MSTP revision level do not take effect.
- E.** stp mode mstp command is used to enable the MSTP feature of the switch. By default, MSTP is switched on.

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

NEW QUESTION: 35

When the Hold Time supported by the two BGP neighbors are inconsistent, the neighbors negotiate the lowest Hold Time interval that the two ends can support.

- A.** True
- B.** False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 36

When a router running BGP receives a route with an unreachable next hop, what should I do?

- A.** Refused to join the BGP routing table and silently discarded.
- B.** Receive the route, join the BGP routing table, and participate in the BGP routing rules. It may be optimized as the best route and join the IP routing table.
- C.** Send an error message to the router that issued the Update.
- D.** Receive the route and add it to the BGP routing table. But this route will not be preferred by BGP and will not join the IP routing table.

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

NEW QUESTION: 37

About the description of MUX VLAN, which is wrong?

- A.** Each Group VLAN must have a Principal VLAN bound to it.
- B.** After MUX VLAN is enabled on a port, you can use it again for VLAN mapping and VLAN stacking configuration.
- C.** Enterprises can use the Principal PORT to connect to enterprise servers, separate PORT to connect enterprise customers and Group PORT to connect enterprise employees. In this way, enterprise customers and enterprise employees can access enterprise servers, and internal employees can communicate, enterprise customers cannot communicate, and enterprise customers and enterprise employees cannot communicate with each other.

D. If the VLAN ID is already used for the principal VLAN, the VLAN can no longer be used for VLANIF interfaces, super VLANs and sub VLANs.

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

NEW QUESTION: 38

In the IS-IS broadcast network, which multicast MAC address does the Level-2 router use as the destination address for sending the IIH?

- A. 0180-c200-0014
- B. 01000-5E00-0002
- C. 0180-c200-0016
- D. 0180-c200-0015

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

NEW QUESTION: 39

Which of the following description about the OSPF LSA format is incorrect?

- A. LS type field identifies the format and function of the LSA.
- B. Advertising Routes field in the Type-1 LSA indicates the router ID of the router that originated the LSA.
- C. LS age field indicates the time that the LSA has survived. The unit is seconds.
- D. The smaller the LS sequence number, the newer the LSA.

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

NEW QUESTION: 40

What are the benefits of OSPF zoning? (Multiple Choice)

- A. The proliferation of flooding LSAs is limited to a single area.
- B. LSA can also be reduced with the division of the area, reducing the consumption of router CPU.
- C. The size of the LSDB can be reduced to reduce the memory consumption of the router.
- D. The routers in one area can understand the topology details outside their area.

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

NEW QUESTION: 41

Which of the following description about Local-Preference and MED are correct? (Multiple Choice)

- A. the default med command is used to configure BGP med by default values.
- B. The default local-preference command configures the default local preference of BGP.
- C. By default, the MED value is 100.
- D. By default, the value of Local-Preference is 0.

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

NEW QUESTION: 42

The description of the LSA header information in the AS-External-LSA of OSPF, which is wrong?

- A. Link State ID indicates the destination network address.
- B. Net mask indicates the network mask of the destination network segment.
- C. Forwarding Address is always 0.0.0.0.
- D. Advertising Router indicates the router ID of ASBR.

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

NEW QUESTION: 43

The ABR in OSPF full-stub area does not flood Type III, Type IV and Type-5 LSA to the area. Therefore, the ABR in the full-stub area needs to manually send a default route to the area to instruct the packet how to reach the destination outside the AS.

- A. True
- B. False

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

NEW QUESTION: 44

The ASBR in the OSPF NSSA area can import external routes in the area. However, the ABRs in the NSSA area do not flood the fourth and fifth types of LSAs in the area. Instead, the seventh type of LSAs are converted into the fifth type of LSAs flood to other areas.

- A. FALSE
- B. TRUE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

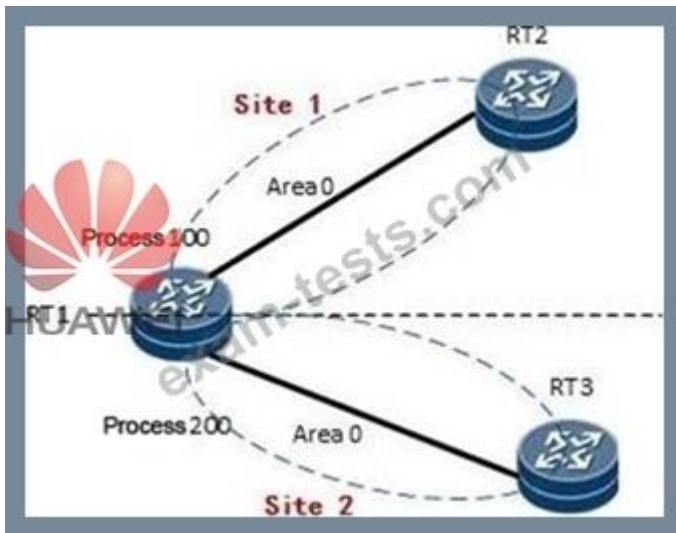
In order to provide different services to different users or services, users or services can be finely divided according to the information of the packets (such as packet priority, source IP, destination IP, port number, etc.) so for the alleged partitioning function, the QoS technology we usually use is:

- A. Traffic policing
- B. Congestion management
- C. Congestion avoidance
- D. Complex flow classification

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 46

As shown in the figure, an OSPF multi-process is configured on the RT1 router, wherein process 100 of RT1 establishes an OSPF neighbor through the backbone area with RT2, and process 200 establishes an OSPF neighbor through the backbone area with RT3.



Please select the wrong options:

RT1 RT2 RT3 RT4

```

ospf 100 router-id 1.1.1.100
description connected to Site1
area 0.0.0.0
description connected to peer RT2
network 200.0.10.0 0.0.0.255

```

```

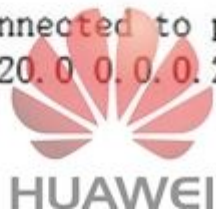
ospf 200 router-id 1.1.1.200
description connected to Site2
area 0.0.0.0
description connected to peer RT3
network 200.0.20.0 0.0.0.255

```

```

return
end

```



- A. The router RT3 public network routing table has OSPF routes to RT1 and RT2 routers.
- B. The router RT1 public network routing table has routes to RT2 and RT3.
- C. Because both RT1-RT2 and RT1-RT3 establish neighbors through the backbone area, the RT2 OSPF process has the LSA generated by the RT1 OSPF process.
- D. The OSPF process on router RT2 can use process 100 and RT1 to establish neighbors.

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

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NEW QUESTION: 47

For IPv4, according to the address space of the SSM range allocated by IANA, which of the following addresses are legal?

- A. 232.137.1.1/24
- B. 232.137.1.1/8
- C. 225.137.1.1/8
- D. 239.137.1.1/8

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

NEW QUESTION: 48

According to RFC 2328, for a router running OSPF, from the initial process to the process of forming an adjacency with a neighbor, which is correct?

- A. Down , Init , 2-way , Exstart , Exchange , Loading , Full
- B. Down , Exstart , 2-way , Init , Exchange , Loading , Full
- C. Down , Init , 2-way , Exchange , Exstart , Loading , Full
- D. Down , Init , Exstart , Exchange , Loading , Full

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 49

Which description is wrong about BGP routing updates?

- A. If there is no RR, the BGP route obtained from the IBGP peer is advertised by the BGP device to its EBGP peer.
- B. The BGP route obtained from the EBGP peer is advertised by the BGP device to all its EBGP and IBGP peers.
- C. When the route is updated, the BGP device only sends the updated BCP route.
- D. BGP periodic update

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

NEW QUESTION: 50

OSPF runs directly over the TCP protocol and uses TCP port number 179.

- A. False
- B. True

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

NEW QUESTION: 51

By default, the OSPF port cost is related to the bandwidth of the port. The calculation formula is bandwidth-reference/bandwidth. The port cost can only be calculated by OSPF and cannot be changed manually.

- A. False
- B. True

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

NEW QUESTION: 52

The following statement about OSPF neighbor information:

```
display ospf peer
OSPF Process 1 with Router ID 1.1.1.1
Neighbors
Area 0.0.0.0 interface 10.1.1.1 (Ethernet0/0)'s neighbor(s)
RouterID: 2.2.2.2 Address: 10.1.1.2
State: Full Mode: Nbr is Master Priority: 1
DR: 10.1.1.1 BDR: 10.1.1.2
Dead timer expires in 35s
Neighbor has been up for 04:35:02
```

- A. The address of DR is 10.1.1.1
- B. The router ID of this router is 1.1.1.1
- C. This router is Master
- D. The neighbor's router ID is 2.2.2.2

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 53

Regarding the multicast ASM model and the SSM model, which of the following statements are correct?

- A. ASM model requires that the group address must be unique across the entire multicast network.
- B. SSM model does not require the entire network to be unique to the group address. It only needs to be unique on each multicast source.
- C. If two different applications use the same ASM group address to send data, their recipients will receive data from both sources.
- D. SSM and ASM use the same multicast address range.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 54

The following description of the optional attributes in BGP is correct: (Multiple Choice)

- A. Optional attributes are divided into optional transitions and optional non-transitions.
- B. In addition to the recognized attributes, each UPDATE message can contain one or more optional attributes, and each BGP Speaker requires support for these optional attributes.

C. The optional non-transition attribute is that the BGP router can choose whether to carry this attribute in the Update message. If the receiving router does not recognize this attribute, it will discard this attribute and no longer need to forward it to the neighboring router.

D. The optional transition attribute is that the BGP router can choose whether to carry this attribute in the Update message. If the received router does not recognize this attribute, it can forward it to the neighboring router. The neighbor router may identify and use this attribute.

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

NEW QUESTION: 55

IGMPv1 stipulates that when there are multiple routers in the shared network, the IGMP protocol itself selects the querier.

A. True

B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 56

With regard to the description that the BGP neighbor relationship cannot be established, which of the following analysis is wrong?

A. It is possible that the BGP neighbor is unreachable and the neighbor cannot be established.

B. OPEN message may be incorrect during the negotiation. As a result, the neighbor relationship cannot be established.

C. When establishing an indirectly connected EBGP neighbor relationship, the default EBGP update packet's TTL is 2 and it has not been changed manually. As a result, the neighbor cannot be established.

D. It is possible that TCP port 179 is disabled, causing the neighbor to fail to establish.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 57

The following description about the Origin attribute of BGP, which is wrong? (Multiple choice)

A. The route learned through BGP, the Origin attribute is EGP.

B. Origin attribute three worthy priority order is EGP>IGP>INCOMOLETE

C. Injecting BGP routes through the network command, the Origin attribute is IGP.

D. Injecting BGP routes through the import command, the Origin attribute is Incomplete.

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

NEW QUESTION: 58

display bgp routing-table to view BGP routing table, in Status codes (Multiple Choice)

A. >: indicates the optimal route selected by BCP on the route.

B. *: indicates a valid route on the route, and the next hop is reachable.

C. *: indicates that the route is the optimal route selected by BGP.

D. >: indicates that the route is a valid route and the next hop is reachable.

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

NEW QUESTION: 59

The following is part of the output information of the router RTD, the correct description of the output information is:

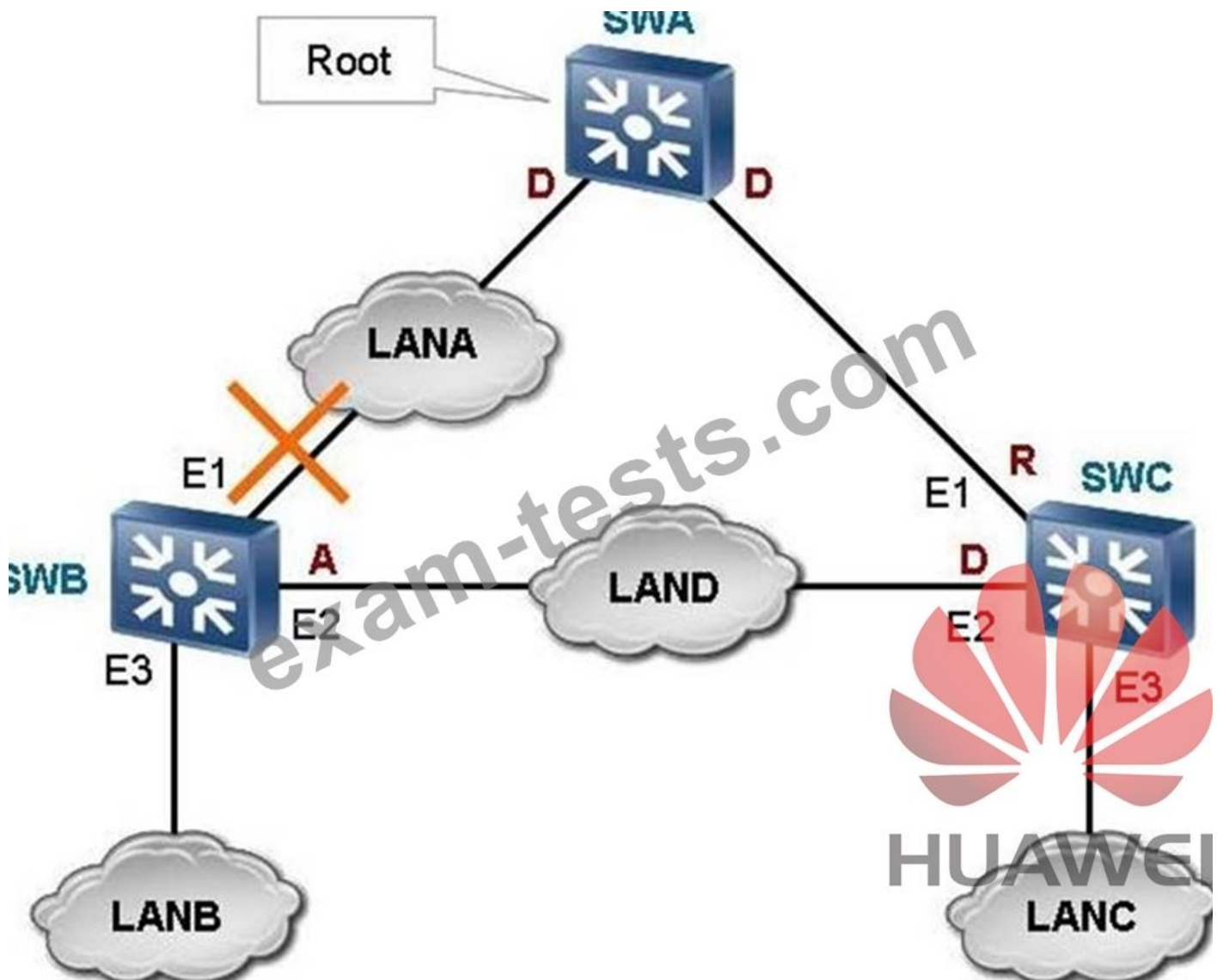
```
<RTD> display igmp interface verbose
Interface information
GigabitEthernet1/0/0(11.1.0.1):
  IGMP is enabled
  Current IGMP version is 2
  IGMP state: up
  IGMP group policy: none
  IGMP limit: 40 except: 2000
  Value of query interval for IGMP (negotiated): - s
  Value of query interval for IGMP (configured): 60 s
  Value of other querier timeout for IGMP: 0 s
  Value of maximum query response time for IGMP: 10 s
```

- A. IGMP status of this interface is down.
- B. Configure the interval for sending IGMP query messages on this interface to be 60s.
- C. The version of IGMP enabled on this interface is version 1.
- D. The maximum response time 0s contained in IGMP query message on this interface.

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

NEW QUESTION: 60

In the network as shown in the figure, all switches run the RSTP protocol. If the E1 interface of SWB failure, the RSTP process is? (Multiple choices)



- A. Topology change notification is sent out on all non-edge forwarding ports to inform other switch networks that a topology change has occurred.
- B. Recalculate the spanning tree and elect E2 as the new root port.
- C. SWB deletes the port list that use E1 as the destination port in the MAC address table.
- D. Topology change notification is sent out on all forwarding ports to inform other switch networks that a topology change has occurred.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 61

Which main steps does the IS-IS protocol route calculation mainly include? (Multiple choice)

- A. Link information exchange.
- B. Routing release
- C. Neighbor relationship establishment
- D. Route calculation

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

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NEW QUESTION: 62

Which one is wrong with the virtual connection in OSPF?

- A. Virtual connections can be established on any two regional border routers, but require that the two border routers have ports connected to a common non-backbone area.
- B. Virtual connection belongs to region 0.
- C. Virtual connection can be used to solve the problem of discontinuity in the backbone area logic.
- D. Virtual connections may not belong to the backbone area, which region should be determined according to the actual topology.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 63

When multiple router selection tools are configured for route filtering for a BGP neighbor, which the following description is wrong? (Multiple choice)

- A. For the peer to receive the route, the IP-prefix is processed first with the route-policy.
- B. For the peer to send the route, the route-policy is first processed with the IP-Prefix.
- C. For the peer to receive the route, the route-policy is first processed with the IP-Prefix.
- D. For the peer to send the route, IP-prefix is processed first with the router-policy.

Answer: B,C (LEAVE A REPLY)

NEW QUESTION: 64

Which of the following description of the routing policy supported by OSPF route filtering is wrong?

- A. access-list
- B. as-path filter
- C. route-policy
- D. prefix-list

Answer: B (LEAVE A REPLY)

NEW QUESTION: 65

Which description about the above information is wrong?

```
[RTA] bgp 100
[RTA-bgp] ipv4-family unicast
[RTA-bgp-af-ipv4] aggregate 168.32.0.0 255.255.0.0 as-set
```

- A. The network segment 168.32.0.0/16 is aggregated by configuring this command.
- B. Aggregated routes carry the community attributes of all the original routes.
- C. By setting the as-set keyword, you can create an aggregation route. The AS path of this route contains the AS path information of the specific route, and the AS number is ordered.
- D. Router A will advertise the details about the 168.32.0.0/16 network segment to neighbors.

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

NEW QUESTION: 66

The router receives two BGP routes with the following attributes. Select the optimal route based on the BGP routing rules.

Network NextHop MED LocPrf Prefval Path/Ogn

M 192.168.1.0 10.1.1.1 30 0 100 i

N 192.168.1.0 10.1.1.2 20 0 100 i

- A. The optimal route is route M, because its MED is larger than route N.
- B. The optimal route is route N, because its MED is smaller than route M.
- C. The optimal route is route M, because its AS Path is shorter than route N.
- D. The optimal route is route N, because its AS Path is longer than route N.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 67

Which are the reasons RSTP converges faster than STP? (Multiple choices)

- A. In RSTP, after a port is elected as a designated port, it first enters the Discarding state, and then quickly enters the Forwarding state through the Proposal/Agreement mechanism.
- B. If one of the root ports in the network fails, the optimal alternate port in the network will become the root port and enter the Forwarding state.
- C. When a port receives an RST BPDU from an upstream designated bridge in RSTP, the port compares the stored RST BPDU with the received RST BPDU.
- D. The concept of an edge port was introduced in RSTP. An edge port does not receive processing configuration BPDUs and does not participate in RSTP operations. It can change from Disable to Forwarding state.
- E. If a designated port in the network fails, the optimal alternate port in the network becomes the designated port and enters the Forwarding state.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 68

When applying policy routing, which of the following descriptions are wrong? (Multiple Choice)

- A. Apply strategy routing in the system view, in this case, strategy routing takes effect only on packets generated locally.

B. Apply strategy routing in the system view, in this case, strategy routing works on all packets received through this router.

C. Apply strategy routing in the interface view, in this case, strategy routing only affects the packets received and sent by the interface.

D. Apply strategy routing in the interface view, in this case, strategy routing only affects the packets received on the interface.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 69

After configuring multicast load sharing, which of the following may occur? (Multiple choice)

A. When using load balancing by group, load balancing on equal-cost routes cannot be guaranteed due to the limitation of the hash algorithm itself.

B. If there is no unicast equal-cost route, multicast load sharing can also play a role.

C. When the load on the equal-cost route is equal, the traffic may be unbalanced. This is because the group load balancing is based on the multicast routing entry, not based on the multicast data packet.

D. After the multicast load balancing is configured, load balancing on the equal-cost routes is guaranteed.

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

NEW QUESTION: 70

Link Aggregation is a method of bundling a set of physical interfaces together as a logical interface to increase bandwidth. There are two types of link aggregation control protocols: manual load balancing and static LACP mode.

A. True

B. False

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

NEW QUESTION: 71

The routing tool route-policy can give pre-defined condition filtering and set BGP attributes, so it is often used to define policies for BGP Peer, and is often used during route generation, by default all unmatched Routes are rejected by route-policy.

A. False

B. True

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

NEW QUESTION: 72

The router running IGMPv1 sends a general group query message, and the destination address is

A. 224.0.0.255

B. 224.0.0.2

C. 224.0.0.13

D. 224.0.0.1

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 73

The following is a partial configuration of a router. The correct description about this part of the configuration is:

```
ip ip-prefix pl permit 10.0.192.0 8 greater-equal 17 less-equal 18
```

A. On the 10.0.192.0/8 network segment, the route with a mask length of 21 will be matched to the prefix list, the matching rule is allowed.

B. On the 10.0.192.0/8 network segment, the route with a mask length of 19 will be matched to the prefix list, the matching rule is allowed.

C. On the 10.0.192.0/8 network segment, the route with a mask length of 20 will be matched to the prefix list, the matching rule is allowed.

D. On the 10.0.192.0/8 network segment, the route with a mask length of 18 will be matched to the prefix list, the matching rule is allowed.

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

NEW QUESTION: 74

The following describes the information contained in the OPEN packet in BGP. Which of the following is wrong?

A. OPEN message contains local AS number information.

B. OPEN message contains the Hold time message.

C. OPEN message contains VERSION information.

D. BGP packet header is in the OPEN packet.

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

NEW QUESTION: 75

Both policy routing and routing policies can affect the forwarding process of packets, but they affect the packets differently. The routing policy is policy-based forwarding. After the failure, the routing table is forwarded. Based on the forwarding plane, it serves the forwarding policy and needs to be manually configured. Policy routing is based on the destination address and is forwarded according to the routing table. Based on the control plane, it serves the routing protocol and routing table, and combines with the routing protocol to complete the policy.

A. FALSE

B. TRUE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 76

Why can you increase the QoS of the network by increasing the link bandwidth capacity?
(Multiple choice)

- A. The increase in link bandwidth means less latency and jitter.
- B. The increase in link bandwidth reduces the chance of congestion, which reduces the amount of packet loss.
- C. The increase in link bandwidth can support higher traffic
- D. The increase in link bandwidth can increase the available bandwidth of the control protocol.

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

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NEW QUESTION: 77

The prefix (IP-Prefix) can be used for routing information filtering.

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 78

Which of the following LSA messages carries master-slave relationship information?

- A. LSA Update message
- B. LSA Request message
- C. DD message
- D. Hello message

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

NEW QUESTION: 79

Which description of the OSPF protocol in the following is wrong?

- A. The area border router (ABR) connects multiple areas and maintains the same LSDB for all areas.
- B. The Link State ID in ASBR-Summary-LSA is set to the router ID of this ASBR.
- C. The external routing information can carry a tag. The tag information is contained in 5 LSAs and 7 LSAs.
- D. The metric value of AS-external-LSA can be specified when external routes are imported. The default value is 1.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 80

When the ospf cost and bandwidth-reference commands are configured at the same time, the cost value on the interface is subject to the bandwidth reference configuration.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 81

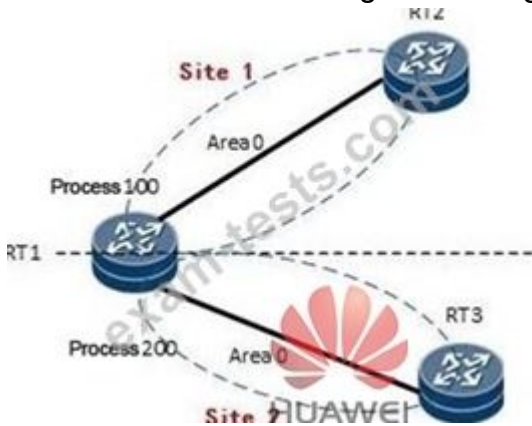
The ACL command `acl[number] acl-unmber [match-order { auto | config }]`, where `acl-number` is used to specify the number of the access control list. The value of the `acl-number` based on the ACL is ().

- A. 2000~3999
- B. 3000~3999
- C. 1000~3999
- D. 0~1000

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

NEW QUESTION: 82

As shown in the figure, an OSPF multi-process is configured on the RT1 router, wherein process 100 of RT1 establishes an OSPF neighbor through the backbone area with RT2, and process 200 establishes an OSPF neighbor through the backbone area with RT3.



Please select the wrong options:

```

[RT1]dis cur con ospf
#
ospf 100 router-id 1.1.1.100
description connected to Site1
area 0.0.0.0
description connected to peer RT2
network 200.0.10.0 0.0.0.255
#
ospf 200 router-id 1.1.1.200
description connected to Site2
area 0.0.0.0
description connected to peer RT3
network 200.0.20.0 0.0.0.255
#
return
[RT1]

```



- A. The router RT3 public network routing table has OSPF routes to RT1 and RT2 routers.
- B. The OSPF process on router RT2 can use process 100 and RT1 to establish neighbors.
- C. Because both RT1-RT2 and RT1-RT3 establish neighbors through the backbone area, the RT2 OSPF process has the LSA generated by the RT1 OSPF process.
- D. The router RT1 public network routing table has routes to RT2 and RT3.

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

NEW QUESTION: 83

Regarding the BGP AS number, which of the following descriptions are wrong? (Multiple Choice)

- A. A homemade system can have multiple AS numbers
- B. When a 2-byte AS is supported, the value ranges from 1 to 65535.
- C. Devices that support 4-byte AS numbers are not compatible with devices that support 2-byte AS numbers.
- D. When a 2-byte AS is supported, the private AS number ranges from 64512 to 65535.

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

NEW QUESTION: 84

The statement about the device SWC, which is correct?

```
[SWC]STP INSTANCE 1 PRIORITY 4096
[SWC]INTERFACE ETHERNET 1/0/12
[SWC-ETHERNER 1/0/12]STP POINT-TO-POINT FORCE-TRUE
[SWC]INTERFACE ETHERNET 1/0/2
[SWC-ETHERNET1/0/2]STP EDGED-PORT ENABLE
```

- A. SWC is the root switch
- B. stp instance 1 priority 4096 is the priority of the configuration switch in instance 1 is 4096, the priority defaults to 0.
- C. stp edged-port enable command is to enable Ethernet 1/0/2 of the switch SWC as an edge port.
- D. stp point-to-point force-true command is used to identify that the link connected to ETHERNET1/0/13 is point-to-point link.

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

NEW QUESTION: 85

Which of the following description about the special area of OSPF is wrong?

- A. The role of the Totally Stub Area is to allow the LSA3 default route advertised by the ABR, which does not allow AS external routes and inter-area routes. The difference between B. Stub Area and Totally Stub area is that this area allows inter-domain routing.
- B. The difference between the Totally Stub area and the NSSA area is that the area does not allow inter-domain routing.
- C. The difference between the NSSA Area and the Stub area lies in that this area allows the introduction of external routes to the AS. The ABR advertises the LSA7 to advertise this area to the local area.

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

NEW QUESTION: 86

The peer command can be used to specify neighbors on the OSPF NBMA network.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 87

When configuring BGP, if such an alarm is generated: "BGP/6/ESTABLISHED: OID [oid] The BGP FSM enters the Established state. (BgpPeerRemoteAddr = [BgpPeerRemoteAddrValue], BgpPeerLastError = [BgpPeerLastErrorValue], BgpPeerState = [BgpPeerStateValue])" Which of the following description is correct?

- A. Explain the problem of OPEN message negotiation between BGP neighbors.
- B. The BGP neighbor has been established.
- C. Explain that the problem of TCP resulted in such alarm.
- D. The alarm information is abnormal information and must be processed.

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

NEW QUESTION: 88

The following description about OSPF packet authentication, which is wrong?

- A. Only authenticated OSPF packets are accepted. Otherwise, neighbors cannot be set up normally.
- B. AR2200 supports two authentication modes: area authentication and interface authentication.
- C. When both the area authentication mode and the interface authentication mode exist, use area authentication first.
- D. The authentication modes supported by AR2200 are classified into null, simple, MD5 and HMAC-MD5 based on the encryption algorithm.

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

NEW QUESTION: 89

In the BGP configuration command, what is the role of "peer ignore"?

- A. Retain all configurations of the peer, stop establishing a connection with the peer, and retain all relevant routing information.
- B. Delete the Peer
- C. Retain all configurations of the peer, stop establishing a connection with the peer, and clear all related routing information.
- D. Keep all the configurations of the peer, keep the connection with the peer, and do not receive the route sent by the peer.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 90

Which of the following description about Route-policy is correct? (Multiple choice)

- A. A Route-policy consists of multiple nodes. A node can contain multiple if-match and apply clauses.
- B. The if-match clause is used to define the matching condition of the node, and the apply clause is used to define the routing behavior through filtering.
- C. The filtering relationship between the Route-Policy nodes is "OR", that is, as long as the filtering of one node is passed, the Route-policy can be passed.
- D. The filter rule relationship of the if-match clause is "and", that is, all if-match words of the node must match

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

NEW QUESTION: 91

Regarding the description of the working mechanism of IGMP Snooping, which is correct?

- A. If the host send GMP host report packet, the switch deletes the multicast entry corresponding to the host.

- B.** If GMP sent by the host leaves the packet, the switch adds the host to the corresponding multicast table.
- C.** The Layer 2 switch establishes and maintains MAC broadcast address table at Layer 2 by continuously monitoring IGMP messages.
- D.** When IGMP Snooping is not running, multicast packets will be broadcast on Layer 2. After IGMP Snooping is run, packets will not be broadcast on Layer 2 but Layer 2 multicast.

Answer: D (LEAVE A REPLY)

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NEW QUESTION: 92

The most important reason for the BGP protocol being an enhanced distance vector protocol is:

- A.** The BGP route uses the As-Path attribute and the list of AS that is recorded in the path of the transmission. In the routing rule, the router with short AS-Path is priority.
- B.** The BGP route uses the AS-Path attribute and the list of AS that is recorded in the path of the transmission. In the routing rule, the router with short AS-Path is priority, and the AS-PATH attribute is also checked in IBGP.
- C.** Nexthop is a recognized mandatory attribute of BGP routing.
- D.** BGP does not accept routes containing the AS number in the AS-Path attribute.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 93

The BGP AS PATH attribute is an optional transition attribute.

- A.** True
- B.** False

Answer: B (LEAVE A REPLY)

NEW QUESTION: 94

The following is part of the output information of the router Huawei. For the output information, which description is wrong?

```
<Huawei> display pim interface gigabitethernet 1/0/0 verbose
VPN-Instance: public net
Interface: GigabitEthernet1/0/0, 10.1.1.1
PIM version:2
```

PIM mode: Sparse

PIM state: up

PIM DR: 10.1.1.2

PIM DR Priority (configured): 1

PIM neighbor count:1

PIM hello interval: 30 s

A. The DR on this interface is 10.1.1.1

B. The router gigabitethernet 1/0/0 interface runs PIMv2

C. PIM-SM running on the gigabitethernet 1/0/0 interface of the router

D. The PIM status of the gigabitethernet 1/0/0 interface of the router is UP.

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

NEW QUESTION: 95

Which multicast MAC address is used by the Level-2 router as the destination address for sending the IIH in the IS-IS broadcast network?

A. 0180-c200-0015

B. 0180-c200-0016

C. 0100-5E00-0002

D. 0180-c200-0014

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

NEW QUESTION: 96

In an OSPF broadcast or NBMA network type, a device with a large router priority does not necessarily become a DR.

A. True

B. False

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

NEW QUESTION: 97

In the Established state, the BCP can exchange Update, Keepalive, Route-refresh, and Notification messages with the peer.

A. TRUE

B. FALSE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 98

Which of the following descriptions are incorrect regarding the BGP AS number range? (Multiple choices)

A. When supporting 4-byte AS, there is no need to define new attributes.

B. When a 2-byte AS is supported, the private AS number ranges from 32768 to 65535.

C. When supporting 2-byte AS, the value range is 0~65535.

D. When supporting 2-byte AS, private AS numbers range from 64512 to 65535.

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

NEW QUESTION: 99

Which route prefixes in the following options will be deny when matching the following IP-Prefix when using routing policy for route filtering? (Multiple Choice)

```
ip ip-prefix aa index 10 deny 1.1.1.1 24
```

```
ip ip-prefix aa index 20 permit 1.1.1.1 32
```

A. 1.1.1.1/24

B. 1.1.1.2/16

C. 1.1.1.1/32

D. 1.1.1.1/26

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

NEW QUESTION: 100

Link Aggregation is a way to bundle a set of physical interfaces together as a logical interface to increase bandwidth. There are two types of link aggregation control protocols: manual load balancing mode and static LACP mode.

A. True

B. False

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

NEW QUESTION: 101

The hello time of the BGP neighbor PeerA in the Open is 90s, and the Hold time of the PeerB in the Open is 30s. The interval for sending the keepalive message after the PeerA and PeerB are successfully connected is:

A. Do not send Keepalive messages

B. 90s

C. 30s

D. 10s

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

NEW QUESTION: 102

Which of the following description about the special area of OSPF is wrong?

A. The difference between the NSSA Area and the Stub area lies in that this area allows the introduction of external routes to the AS. The ABR advertises the LSA7 to advertise this area to the local area.

B. The role of the Totally Stub Area is to allow the LSA3 default route advertised by the ABR, which does not allow AS external routes and inter-area routes. The difference between

C. Stub Area and Totally Stub area is that this area allows inter-domain routing.

D. The difference between the Totally Stub area and the NSSA area is that the area does not allow inter-domain routing.

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

NEW QUESTION: 103

What is wrong description of the working mode of PIM below?

- A. PIM-ASM
- B. PIM-SM
- C. PIM-SSM
- D. PIM-DM

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

NEW QUESTION: 104

When the Hold Time parameter negotiated by the two BGP neighbors is 0, no Keepalive packet is sent.

- A. True
- B. False

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

NEW QUESTION: 105

The above is part of the information output by the router Huawei. The following description which is wrong?

```
<Huawei> display pim rp-info
VPN-Instance: public net
PIM-SM BSR-RP Number: 1
Group/MaskLen: 224.0.0.0/4
  RP: 2.2.2.2 (local)
  Priority: 0
  Uptime: 03:01:36
  Expires: 00:02:29
```

- A. Use display pim rp-info command to check the RP information corresponding to the multicast group.
- B. The RP address is 2.2.2.2.
- C. The priority of the RP is 0.
- D. The group address is 225.0.0.0.

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

NEW QUESTION: 106

Multicast related protocols do not include:

- A. PIM

- B. MSDP
- C. DVMRP
- D. MBGP
- E. OSPF

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 107

Which of the following is true about BGP, OSPF, ISIS and RIP?

- A. RIP runs on the UDP session and uses a port number of 179.
- B. ISIS runs on the basis of the IP protocol and uses the protocol number 89.
- C. OSPF runs on the basis of the IP protocol and uses the protocol number 90.
- D. BGP neighbor relationship based on the establishment of TCP session

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

NEW QUESTION: 108

About the definition of router roles within or between OSPF areas, which is correct? (Multiple Choice)

- A. Backbone router: refers to a router that has at least two interfaces that belong to the backbone area.
- B. Internal router: refers to the router whose all interfaces belong to the same area.
- C. ABR: A router that connects one or more areas and connects to the backbone area. These routers act as routing gateways for inter-domain communication.
- D. ASBR: It can be an internal router, a backbone router, or a regional edge router.

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

NEW QUESTION: 109

Different network types of the OSPF protocol can form adjacencies in the FULL state.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 110

After the RPT tree is established, which description about the SPT switch is incorrect?

- A. All multicast traffic passes through RP routers. RP routers may become the bottleneck for data forwarding.
- B. The RPT tree cannot support large traffic forwarding.
- C. The SPT path is the shortest and the forwarding performance is better.
- D. The RPT tree cannot be forwarded for a long time.

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

NEW QUESTION: 111

```
<Quidway>display current-configuration
```

```
#
```

```
multicast routing- enable
```

```
# interface Ethernet6/1/0
```

```
ip address 10.1.1.1 255.255.255.0
```

```
igmp timer query 40
```

```
#
```

```
igmp
```

```
#
```

```
return
```

The above information is a partial multicast configuration intercepted from a router. After the igmp enable command is configured on interface Ethernet6/1/0, the igmp transmission interval is () seconds after the querier is started.

- A. 15
- B. 10
- C. 60
- D. 40

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 112

The following is description of the OSP neighbor relationship and adjacency relationship. Which is correct?

- A. OSPFi routers must establish adjacencies before exchanging information.
- B. Neighbor relationship is a relationship formed by adjacency to exchange routing information.
- C. The adjacency is maintained by OSPF's HELLO protocol.
- D. Not all neighbor relationships can be adjacencies.

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

NEW QUESTION: 113

OSPF can support multiple network types. Which of the following network types requires election DR and BDR? (Multiple Choice)

- A. P2MP

- B. NBMA
- C. BROADCAST
- D. P2P

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

NEW QUESTION: 114

Policy routing requires manual hop-by-hop configuration, to ensure that packets are forwarded by policy.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 115

The authentication modes supported by the AR2200 are classified according to the encryption algorithm: no authentication, simple plain text verification, MD5 cipher text verification and HMAC-MD5 verification.

- A. True
- B. False

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

NEW QUESTION: 116

There can be multiple nodes under one routing-policy. Different node numbers are identified by node. Each node can have multiple if-match and apply clauses. Which of the following descriptions are wrong? (Multiple Choice)

- A. The relationship between different nodes is "or"
- B. When the route fails to match any if-match clause of the node, the next node is entered. If the match fails with all the nodes, the routing information will be rejected.
- C. The matching filter in the if-match clause of the routing policy can use ACL and address prefix list.
- D. The relationship between "and" between different nodes

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

NEW QUESTION: 117

Which of the following description about Network-Summary-LSA is correct? (Multiple choice)

- A. Network mask in Network-Summary-LSA is set as the network mask of the destination network segment.
- B. The Link State ID in the Network-Summary-LSA is set as the IP address of the destination network.
- C. The metric in the Network-Summary-LSA is set to the cost value from the ABR to the destination network segment.
- D. Network-Summary-LSA is generated by ASBR.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 118

Which of the following tools cannot be directly referenced by the route-policy apply clause?

- A. community
- B. origin
- C. tag
- D. IP-Prefix

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

NEW QUESTION: 119

The OSPF NBMA network type requires that routers in the network must select DR and BDR; otherwise, they can't work.

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 120

What are the major parts of the SNAP address used by the IS-IS protocol? (Multiple Choice)

- A. SEL
- B. SYSTEM ID
- C. AREA ID
- D. DSCP

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

NEW QUESTION: 121

The following is part of the output information of the router Huawei. Which of the following description of the output information is incorrect? <Huawei> display pim interface gigabitethernet 1/0/0 verbose VPN Instance: public net

```
Interface : GigabitEthernet1/0/0 , 10.1.1.1
PIM version : 2
PIM mode : Sparse
PIM state : up
PIM DR : 10.1.1.2
PIM DR Priority ( configured ): 1
PIM neighbor count : 1
PIM hello interval : 30S
```

- A. The DR on this interface is 10.1.1.1
- B. The router gigabitethernet1/0/0 interface runs PIMv2
- C. PIM-SM runs on the gigabitethernet1/0/0 interface of the router
- D. The PIM status of the gigabitethernet1/0/0 interface of the router is UP.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 122

What is the role of the detail-suppressed keyword in the Aggregate command?

- A. Only advertise aggregated routes to other BGP neighbors
- B. Suppress the IP routing table delivered by the summarized detailed route
- C. Advertise Aggregate Routes and Detail Routes to Other BGP Neighbors
- D. Suppressing the Generated Aggregate Routes to Advertise the IP Routing Table

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

NEW QUESTION: 123

When the BGP versions supported by two BGP neighbors are inconsistent, the neighbors negotiate the highest BGP version supported on both sides.

- A. True
- B. False

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

NEW QUESTION: 124

If the OSPF neighbor relationship fails to be established, you can run the display ospf error command to view the information. If the following information is displayed, what may be the cause of the failure establishment of the neighbor?

[R1B]display ospf error

OSPF Process 1 with Router ID 2.2.2.2

OSPF error statistics:

General packet errors:

0	: IP: received my own packet	0	: Bad packet
0	: Bad version	0	: Bad checksum
0	: Bad area id	0	: Drop on unnumbered interface
0	: Bad virtual link	8	: Bad authentication type
0	: Bad authentication key	0	: Packet too small
0	: Packet size > ip length	0	: Transmit error
0	: Interface down	0	: Unknown neighbor

HELLO packet errors:

0	: Netmask mismatch	0	: Hello timer mismatch
0	: Dead timer mismatch	0	: Extern option mismatch
0	: Router id confusion	0	: Virtual neighbor unknown
0	: NBMA neighbor unknown		

DD packet errors:

0	: Neighbor state low	0	: Router id confusion
0	: Extern option mismatch	0	: Unknown LSA type
0	: MTU option mismatch		

LS ACK packet errors:

0	: Neighbor state low	0	: Bad ack
0	: Duplicate ack	0	: Unknown LSA type

LS REQ packet errors:

0	: Neighbor state low	0	: Empty request
0	: Bad request		

LS UPD packet errors:

0	: Neighbor state low	0	: Newer self-generate LSA
0	: LSA checksum bad	0	: Received less recent LSA
0	: Unknown LSA type		

LSN packet errors:

0	: 9-out of flooding scope	0	: 10-out of flooding scope
0	: 11-out of flooding scope		

Retransmission for packet over Limitation errors:

0	: Number for DD Packet	0	: Number for Update Packet
0	: Number for Request Packet		

Receive Grace LSA errors:

0	: Number of invalid LSAs	0	: Number of policy failed LSAs
0	: Number of wrong period LSAs		

Configuration errors:

0	: Tunnel cost mistake		
0	: The network type of the neighboring interface is not consistent.		

A. Inconsistent network mask

B. Inconsistent verification types

- C. Inconsistent Hello Interval and Dead Interval
- D. Router ID conflict

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 125

The master-slave relationship of OSPF neighbors is negotiated through DD packets.

- A. True
- B. False

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

NEW QUESTION: 126

Given the configuration of RTA below, which of the following description about the configuration is wrong? (Multiple choice)

```
[RTA]multicast routing-enable
[RTA]interface ethernet0/0
[RTA-Ethernet0/0]ip address 172.16.1.3 255.255.255.0
[RTA-Ethernet0/0]igmp enable
[RTA-Ethernet0/0]igmp version 2
```

- A. Use the igmp enable command to enable IGMP on the interface. If you do not configure the multicast routing-enable command first, igmp enable can be used as usual.
- B. The router listens to the multicast address 224.0.0.2 by default.
- C. IGMP version supported by this interface is version 2. If this command is not configured, the interface runs IGMPv1 by default.
- D. multicast routing-enable command is to enable multicast. If this command is not configured, the router does not forward multicast packets.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 127

Which description of OSPF route aggregation commands is correct?(Multiple choices)

- A. advertise is the default parameter of the abr-summary command. That is, if you configure the abr-summary command without specifying not-advertise, it defaults to advertise.
- B. not-advertise is the default parameter of the abr-summary command. That is, if the abr-summary command is not specified for advertise or not-advertise, the default is not-advertise.
- C. asbr-summary command is a command in the OSPF view.
- D. The abr-summary command is a command in the OSPF area view.

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

NEW QUESTION: 128

Both policy routing and routing policies can affect the forwarding process of data packets, but they affect the packets differently. Policy routing is based on policy-based forwarding. Find the

routing table forwarding after failure. Based on the forwarding plane, it serves the forwarding policy and needs to be manually configured. The routing policy is based on the destination address and is forwarded according to the routing table. Based on the control plane, it serves the routing protocol and the routing table, and combines with the routing protocol to complete the policy.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 129

The correct description of the OSPF authentication command is (Multiple choice)

- A. You can use cipher text instead when you enter your password. The effect is equivalent.
- B. Configure passwords on both the area and the interface, which is based on the password configured on the area.
- C. ospf authentication-mode simple huawei and ospf authentication-mode simple plain huawei command equivalent
- D. ospf authentication-mode md5 huawei and ospf authentication-mode md51 plain huawei command equivalent

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

NEW QUESTION: 130

Regarding the description of the PIM-SM forwarding tree, which of the following is wrong?

- A. In the shared tree, the RPF check uses the multicast source address as the detection address.
- B. PIM-SM includes two kinds of trees: shared tree and source path tree.
- C. The path from RP to multicast receiver data is called a shared tree.
- D. The data forwarding path from the multicast source to the RP is called the source path tree.

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

NEW QUESTION: 131

Which of the following does the routing prefix meet the requirement of IP-Prefix? (Multiple Choice)

```
“ip ip-prefix test index 10 permit 20.0.0.0 16 greater-equal 24 less-equal 28”
```

- A. 20.0.1.0/28
- B. 20.0.1.0/25
- C. 20.0.1.0/23
- D. 20.0.1.0/24

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

NEW QUESTION: 132

Regarding the description of BGP Keepalive message, which is wrong?

- A. By default, the keepalive interval is 180s.

B. Keepalive packets are mainly used for the running status of the peer routers and the availability confirmation of the link.

C. Keepalive is periodically sent between two BGP neighbors.

D. Keepalive packets are consist of only one BGP data header.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 133

Which of the following information description about a router BGP error output information is wrong?

```
<Huawei> display bgp error
Error Type      : Peer Error
Date/Time       : 2010-03-22 11:40:39
Peer Address    : 10.1.1.2
VRF Name        : Public
Error Info      : Router-ID conflict
```

A. The cause of the error may be due to a miswriting of the peer AS number.

B. The router's neighbor address is 10.1.1.2.

C. The time of the error occurred on March 22, 2010 at 11:40:39.

D. The Error Type is displayed due to a wrong neighbor relationship.

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

NEW QUESTION: 134

OSPF supports multiple processes that can run multiple different OSPF processes on the same router, and they are independent of each other. Routing interactions between different OSPF processes correspond to routing interactions between different routing protocols.

A. False

B. True

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

NEW QUESTION: 135

Which of the following options meets the following ACL conditions?

```
"acl number 2001
rule 0 permit source 10.1.0.0 0"
```

A. 10.1.1.1/32

B. 10.1.1.0/24

C. 10.0.0.0/8

D. 10.1.0.0/16

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

NEW QUESTION: 136

Which three types of IP packet transmission methods are available? (Multiple Choice)

- A. Multicast
- B. Anycast
- C. Broadcasting
- D. Unicast

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

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NEW QUESTION: 137

What kinds of special areas does OSPF define? (Multiple Choice)

- A. Totally NSSA
- B. Not-So-Stubby Area
- C. Stub area
- D. Totally Stub Area

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 138

In BGP routing rules, routes with high MED values take precedence.

- A. False
- B. True

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

NEW QUESTION: 139

A route-policy may have multiple nodes. Different node numbers are identified by seq-number. The relationship between the various parts of different seq-numbers is "OR".

- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 140

On the device running MSTP obtain the information as shown in the figure. Note that the status of the port on Ethernet 1/0/13 in Instance 1 is:

```
[SWC]display stp brief
```

MSTID	Port	Role	STP State	Protection
0	Ethernet1/0/2	DESI	FORWARDING	NONE
0	Ethernet1/0/3	DESI	FORWARDING	NONE
0	Ethernet1/0/12	ALTE	DISCARDING	NONE
0	Ethernet1/0/13	ROOT	FORWARDING	NONE
1	Ethernet1/0/2	DESI	FORWARDING	NONE
1	Ethernet1/0/12	ROOT	FORWARDING	NONE
1	Ethernet1/0/13	ALTE	DISCARDING	NONE
2	Ethernet1/0/3	DESI	FORWARDING	NONE
2	Ethernet1/0/12	ALTE	DISCARDING	NONE
2	Ethernet1/0/13	ROOT	FORWARDING	NONE

- A. Forwarding
- B. Discarding
- C. NONE
- D. ALTE

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

NEW QUESTION: 141

Which description about BGP state machine is wrong?

- A. In the Idle state, BGP rejects any access connection request and is the BGP initial state.
- B. In the Active state, BGP will attempt to establish the access TCP connection, which is the intermediate state of BGP.
- C. In the Established state, BGP peers can exchange Update messages, Route-refresh messages, Keepalive messages, and Notification messages.
- D. The status of both BGP peers must be OpenConfirm before the BGP neighbor relationship can be established. The two parties exchange routing information through Update messages.

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

NEW QUESTION: 142

The community attribute of the route set through routing policy, does it affect route routing?

- A. After the router receives a route update with the community attribute No_Advertise, it will not be advertised outside the local AS.
- B. Indirectly, the route can be classified by setting the Community property of the route, and then different route routing related attributes such as Local_Pre, MED, etc. can be set according to the category, thereby affecting the purpose of route selection.
- C. Can't be affected because the Community attribute of the route is non-transitional and can't be passed between routers.

D. Indirectly, the route can be classified by setting the community attribute of the route, and then different route selection related attributes can be set according to the categories. These attributes can only include Local_Pre and MED, thus affecting route selection.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 143

In IGMPv2, the destination IP of a specific group query is 224.0.0.1.

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 144

IS-IS routers with an interface priority of 0 can't participate in DIS election.

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 145

MSTP is also called multiple spanning tree protocol. What problems can be solved in a single spanning tree network through MSTP? (Multiple Choice)

- A. Unable to use traffic sharing.
- B. Part of the Vlan path is inaccessible.
- C. Improve business reliability.
- D. Suboptimal Layer 2 path.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 146

The following is part of the configuration information of the router Huawei, which description about the configuration information is incorrect?

```
<Huawei> system-view
[Huawei] ip as-path-filter 2 permit _200_300
[Huawei] route-policy test permit node 10
[Huawei-route-policy] if-match as-path-felter 2
```

- A. Define a Route-Policy named test with a serial number of 10
- B. The Route-Policy can only be called in the OSPF process.
- C. Node 10 of the Route-Policy references AS path filter 2 and defines an if-match clause.
- D. Set the AS path filter number 2 to allow the router information to include AS200 and AS300.

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

NEW QUESTION: 147

When you view the configuration on the root switch that runs the MSTP domain on the network, the following command is obtained. As shown in the figure, the network size of the MSTP domain where the root switch resides is estimated.

```
[SWA]display stp
-----[CIST Global Info (Mode MSTP)]-----
CIST Bridge      : 0.000f-e212-f8e1
Bridge Times     : Hello 2s MaxAge 20s Prio 15s MaxHop 30
CIST Root/ERPC   : 0.000f-e212-f8e1 / 0
CIST Root/ERPC   : 0.000f-e212-f8e1 / 0
CIST Root/ERPC   : 0.000f-e212-f8e1 / 0
CIST Root/ERPC   : 0.000f-e212-f8e1 / 0
BPDV-Protection : disabled
CIST Root Type   : PRIMARY root
TC or TCM received : 3
Time since last TC : 0 days 1h:29m:36s
```

- A. Less than 20 units
- B. Less than 10 units
- C. Less than 30 units
- D. Less than 40 units

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

NEW QUESTION: 148

The route injected into the BGP through the redistributed command has the Origin attribute of Incomplete.

- A. True
- B. False

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

NEW QUESTION: 149

Compared to STP, the RSTP protocol defines different port states, including Discarding and Learning. About the description of the two port states, the correct is: (Multiple Choice)

- A. All ports in Discarding state and Learning state do not learn MAC address table
- B. The ports in these two states do not forward data frames.
- C. Ports in the Learning state do not learn the MAC address table.
- D. Ports in Discarding state do not learn the MAC address table.

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

NEW QUESTION: 150

It can be used in a variety of routing protocols, set the matching conditions, set the properties after matching, what is the routing selection tool consisting of if-match and apply clauses?

- A. route-policy
- B. IP-Prefix
- C. community-filter
- D. as-path-filter

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

NEW QUESTION: 151

Which of the following description of the rules of route filtering is wrong?

- A. Route filtering can filter routes imported from other routing protocols, but it can only be filtered in the outbound direction.
- B. Route filtering can filter routes in the outbound direction, and both route information and link state information can be filtered.
- C. Route filtering can filter routes in the inbound direction. For link-state routing protocols, only routes are not added to the routing table.
- D. You can use filter-policy for filtering, or use ip-prefix for filtering.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 152

Which of the following description is correct about the OSPF neighbor state machine?

- A. DROther will eventually form a null state
- B. In the 2-way state, two-way communication has been established, but no neighbor relationship has been established with the neighbor.
- C. Attempt status only appears on NBMA and P2MP networks
- D. In the Init state, the router has received Hello packets from the neighbor and found itself in the neighbor list of the neighbors sending Hello packets.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 153

Which of the following command is used to check Type 2 LSA detailed information?

- A. display ospf lsdb network
- B. display ip ospf lsdb router
- C. display ospf lsdb router
- D. display ip ospf lsdb network

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

NEW QUESTION: 154

Which of the following tools can't be used for route filtering? (Multiple choices)

- A. route-policy

- B. ip community-filter
- C. IP-prefix
- D. policy-based-route

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

NEW QUESTION: 155

When the RIP protocol use the default-route originate command to send a default route to a neighbor, you can use this command to set which attributes of the default route at the same time?

- A. AS-PATH
- B. Interface
- C. Cost
- D. Nexthop

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 156

Regarding the role of route filtering, which of the following description is correct?

- A. Cannot avoid sub-optimal routing caused by route introduction
- B. You can influence routing by modifying the attributes of the route
- C. Can avoid routing loops caused by inappropriate routing feedback
- D. Can be used for precise route import and route advertisement control

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

NEW QUESTION: 157

Which of the following description of the distribution tree is correct?

- A. RPT applies to both PIM-DM and PIM-SM.
- B. The RP (Rendezvous Point) is root, the multicast distribution tree that the multicast group members as leaves called SPT.
- C. The multicast source is root, the multicast distribution tree that the multicast group members as leaves called RPT.
- D. SPT applies to both PIM-DM and PIM-SM.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 158

OSPF route classification: divided into 4 categories, what are the priorities in order?

- A. Inter-area routing, intra-area routing, first-class external routing, and second-class external routing
- B. Inter-area routing, intra-area routing, second-class external routing, and first-class external routing
- C. Intra-area routing, inter-area routing, first-class external routing, and second-class external routing

D. Intra-area routing, inter-area routing, second-class external routing, and first-class external routing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 159

About the Origin attribute of BGP, which of the following description is wrong? (Multiple choice)

- A. The priority order of three values of Origin attribute is EGP>IGP>INCOMOLETE
- B. Inject BGP routes through the import command, and the Origin attribute is Incomplete.
- C. Inject BGP routes through the network command, and the Origin attribute is IGP.
- D. The route learned through BGP, and the Origin attribute is EGP.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 160

The inter-area route summarization function is configured in which router?

- A. IR
- B. BR
- C. ABR
- D. ASBR

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

NEW QUESTION: 161

The ABRs in an OSPF stub area do not flood Type 5 LSAs, Type 4 LSAs, and Type 3 LSAs into the Stub area. Therefore, the Stub area does not have AS external routing capabilities. The ABR in the Stub area advertises a default route to the area to guide the data. How the package reaches the destination outside the AS.

- A. False
- B. True


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

NEW QUESTION: 162

A switch runs MSTP. The relevant configuration information is shown in the figure. According to the configuration of the command, it indicates that for Instance 1, the role of the switch is:

```
[SWA]display stp brief
```

MSTID	Port	Role	STP State	Protection
0	Ethernet1/0/12	DESI	FORWARDING	NONE
0	Ethernet1/0/15	ROOT	FORWARDING	NONE
1	Ethernet1/0/12	DESI	FORWARDING	NONE
1	Ethernet1/0/15	DESI	FORWARDING	NONE
2	Ethernet1/0/12	DESI	FORWARDING	NONE
2	Ethernet1/0/15	ROOT	FORWARDING	NONE



- A. Cannot judge
- B. Root switch
- C. Slave switch
- D. Non-root switch

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 163

On the device running MSTP obtain the information as shown in the figure. Note that the status of the port on Ethernet 1/0/13 in Instance 1 is:

```
[SWC]display stp brief
```

MSTID	Port	Role	STP State	Protection
0	Ethernet1/0/2	DESI	FORWARDING	NONE
0	Ethernet1/0/3	DESI	FORWARDING	NONE
0	Ethernet1/0/12	ALTE	DISCARDING	NONE
0	Ethernet1/0/13	ROOT	FORWARDING	NONE
1	Ethernet1/0/2	DESI	FORWARDING	NONE
1	Ethernet1/0/12	ROOT	FORWARDING	NONE
1	Ethernet1/0/13	ALTE	DISCARDING	NONE
2	Ethernet1/0/3	DESI	FORWARDING	NONE
2	Ethernet1/0/12	ALTE	DISCARDING	NONE
2	Ethernet1/0/13	ROOT	FORWARDING	NONE

- A. Forwarding
- B. Discarding
- C. ALTE
- D. NONE

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

NEW QUESTION: 164

The above is the output information of router. The neighbor relationship between the router and the neighbor 2.2.2.2 is in the Adroe state analysis. Which of the following is the most likely reason?

```
HUAWEI@display bgp peer
BGP local router ID : 1.1.1.1
Local AS number : 100
Total number of peers : 2 Peers in established state : 0
```

Peer	V	AS	MsgRcvd	MsgSent	OutQ	Up/Down	State	PrefRcv
2.2.2.2	4	100	1	0	0	0	INIT	0

- A. It may be due to not receiving the other party's update message.
- B. It may be TCP port 179 is disabled.
- C. It may be due to not receiving the KEEPALIVE packet from the other party.
- D. It may be due to a problem with OPEN negotiation.

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

NEW QUESTION: 165

What type of network does the ISIS protocol support except P2P?

- A. SNAP
- B. NBMA
- C. P2MP
- D. LAN (broadcast network)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 166

For link-state routing protocols, filtering routes in the inbound direction can block the transmission of link state information. The effect of filtering is that the route cannot be added to the local routing table, and its neighbors cannot receive the complete route state information.

- A. False
- B. True

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

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NEW QUESTION: 167

A routing policy can have multiple nodes. Different node numbers are identified by node. Each node can have multiple if-match and apply clauses. Which of the following descriptions are wrong? (Multiple choice)

- A. The relationship between different nodes is "or"
- B. The relationship between the if-match clauses under each node is "and"
- C. The relationship between the if-match clauses under each node is "or"
- D. The relationship between different nodes is "and"

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

NEW QUESTION: 168

IGMPv2 stipulates that when there are multiple routers in a shared network, the IGMP protocol itself elects the querier.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 169

Which of the following information is carried in the BGP Open message? (Multiple choice)

- A. Local Autonomous System (AS) number
- B. BGP version
- C. Hold time
- D. BGPID
- E. Routing properties

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

NEW QUESTION: 170

The source tree uses the shortest path from the multicast source to the receiver, so it is called the shortest path tree SPT.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 171

About the advantages of IGMP snooping, which of the following description is correct? (Multiple choice)

- A. The security of multicast information is enhanced.
- B. Provides convenience for individual billing for each user host.
- C. Reduce broadcast packets on Layer 2 networks and save bandwidth.
- D. IGMP consumes a large number of CPUs of Layer 2 switches and is not recommended.

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

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