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Huawei

H12-221

Huawei Certified Network Professional-Implementing Enterprise Routing Network

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When using routing policy for route filtering, which will be denied when the router prefix matching the following IP-Prefix? (Multiple Choice)

```
ip ip-prefix aa index 10 deny 0.0.0.0 24 less-equal 32
ip ip-prefix aa index 20 permit 0.0.0.0 0 less-equal 32
```

A . 1.1.1.1/24
B . 1.1.1.1/32
C . 1.1.1.1/26
D . 1.1.1.2/16

Answer: ABC

Question: 119

The community attribute of the route set through routing policy, does it affect route routing?
A . 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.
B . Can't be affected because the Community attribute of the route is non-transitional and can't be passed between routers.
C . 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.
D . After the router receives a route update with the community attribute No_Advertise, it will not be advertised outside the local A

Answer: A

Question: 120

The master-slave relationship of OSPF neighbors is negotiated through DD packets.
A . True
B . False

Answer: A

Question: 121

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

```
[Huawei] bgp 100
[Huawei-bgp]peer 12.12.12.2 ip-prefix P1 export
[Huawei]ip ip-prefix P1 index 5 deny 10.0.0.0 8 greater-equal 8 less-equal 32
[Huawei]ip ip-prefix P1 index 10 deny 172.16.0.0 12 greater-equal 16 less-equal 32
[Huawei]ip ip-prefix P1 index 15 deny 192.168.0.0 16 greater-equal 16 less-equal 32
[Huawei]ip ip-prefix P1 index 20 permit 0.0.0.0 0 less-equal 32
```

A . When the router advertises its own BGP routes to BGP neighbor 12.12.12.2, it will be allowed to advertise routes from 10.0.0.0 to 10.255.255.255.
B . When the router advertises its own BGP routes to BGP neighbor 12.12.12.2, it will allow advertisement of routes from 172.16.0.0 to 172.31.255.255.
C . When the router advertises its own BGP routes to BGP neighbor 12.12.12.2, it will filter out the routes from 172.16.0.0 to 172.31.255.255.
D . When the router advertises its own BGP routes to BGP neighbor 12.12.12.2, it filters out all routes.

Answer: C

Question: 122

When a router running BGP receives a route with an unreachable next hop, what should I do?
A . Send an error message to the router that issued the Update.
B . Refused to join the BGP routing table and silently discarded.
C . 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.
D . 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.

Answer: C

Question: 123

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 . True
B . False

Answer: A

Question: 124

In the static LACP mode, the correct description of the active link selection is: (Multiple Choice)
A . After a member interface is added to the Eth-Trunk in static LACP mode, the member interface sends the information negotiation active port about the system priority, system MAC address, interface priority, and interface number to the peer.
B . The higher the system LACP priority is, the higher the priority is. At both endsI of the devices, select the system with the larger LACP priority value as the active end. If the system LACP priority is the same, select the one with the higher MAC address as the active end.

C . The passive end device determines the activity interface based on the active end interface LACP priority and interface ID (interface number).

D . The interfaces selected by two-end device are inconsistent and the data can be forwarded normally.

Answer: AC

Question: 125

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

A . True

B . False

Answer: B

Question: 126

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

Question: 127

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 18 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 21 will be matched to the prefix list, the matching rule is allowed.

Answer: A

Question: 128

In multicast network environment, if IGMPv2 hosts and IGMPv1 routers (hereinafter referred to as version 2 host and version 1 router) are co-located on the same LAN, how do they work together?
A . version 1 router treats the IGMPv2 report as an invalid IGMP message type and ignores it.
B . When version 1 router is a valid IGMP querier, the version 2 host must send an IGMPv1 report.
C . When Version 2 host detects that the IGMP Querier is Version 1 router, it must always respond with the IGMPv1 report.
D . When version 2 host leaves, it still sends an IGMP leave message, and the message canâ€™t be suppressed.

Answer: ABC

Question: 129

The following statement about OSPF neighbor information:

```
[RTA]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 router ID of this router is 1.1.1.1
B . The neighbor's router ID is 2.2.2.2
C . The address of DR is 10.1.1.1
D . This router is Master

Answer: D

Question: 130

Port isolation enables the isolation of communication between different ports within the same VLAN of the same switch.
A . True
B . False

Answer: A

Question: 131

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 . True
B . False

Answer: A

Question: 132

Port isolation provides users with more safer and more flexible networking solution.

The following description about port isolation, which is incorrect?
A . Port isolation can be used to configure Layer 2 isolation.
B . In the default mode, port isolation is Layer 2 isolation and Layer 3 interworking.
C . Port isolation must be configured on the ports that need to be configured for port isolation.
D . Port isolation command port-isolate enable specifies the port configuration in global mode.

Answer: D

Question: 133

Regarding the description of IGMPv1 and IGMPv2, the correct one is: (Multiple Choice)
A . IGMPv1 packet type does not include a leave member packets.
B . IGMPv2 packet type includes member leave packets
C . IGMPv1 supports universal group queries.
D . IGMPv2 supports only general group queries.

Answer: ABC

Question: 134

Compared with the OSPF protocol, which are the features of IS-IS protocol? (Multiple choices)
A . More types of network are supported
B . More types of areas are supported
C . The scalability of the protocol is better

D . Less protocol packets

Answer: CD

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