DUMPSQUEEN

HCIP-Datacom-Advanced Routing & Switching Technology V1.0

Huawei H12-831_V1-0

Version Demo

Total Demo Questions: 15

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QUESTION NO: 1

The input information of a router is as follows. Which of the following causes the OSPF adjacency cannot be established normally?

```
<Huawei>display ospf error interface GigabitEthernet 0/0/°
                OSPF Process 1 with Router ID 10.0J2.2
                        OSPF error statistics

   Interface: GigabitEthernetO/O/O (10,0/12.2)
   General packet errors:
      0      :Bad version              0    :Bad checksum
   [1        :Bad area id              0    :Bad authentication type
   10        :Bad authentication key   0    :Unknown neighbor
   \0        :Bad net segment          0    :Extern option mismatch
   \0        :Router id confusion

BHELLO packet errors:
      0      :Netmask mismatch         1    :Hello timer mismatch
   Bo        :Dead timer mismatch      0    ,Invalid Source Address
```

A. Area code does not match

B. Inconsistent area type

C. interfaceIPInconsistent address masks

D. Hell. Inconsistent message sending interval

ANSWER: A D

QUESTION NO: 2

ping -a Xc Ys z -vpn-instance M 10.5.16.2, the meaning of this command is:

A. ShouldpingsendYindivualICMPask

B. ShouldpingofICMPThe request packet size isZ(excludingIPandICMPhead)

C. Shouldpingpackage sourceIFPaddress isX

D. Shouldpingpackage belongs toVPNexampleM

QUESTION NO: 3

According to the configuration shown in the figure below, you can know that R4 has an interface advertised into IS-IS?

```
<Redisplay isis interface

                    Interface information for ISIS(1)


    Interface      Id    IPV45tate        IPV6.State    MTU Type DIS

    GEO/O/O        001       Up              Down        1497 L1/L2 No/No

    GEO/O/1        002       Up              Down        1497 L1/L2 No/No

    LoopO          001       Up              Down        1500 L1/L2one

<R4>
```

A. 1

B. 3

C. 2

D. 0

QUESTION NO: 4

The IS-IS Level-1 neighbor relationship between R3 and R4 is not established. According to the information in this figure_What is the possible reason?

[Redisplay isis error			
Hello packet errors:			
♦ ♦ ■ ¸ ··			
Repeated System ID	: 0	Bad Circuit Type	0
Bad TLV length	: 0	Zero HoldingTime	:0
lUnusable IP Addr	0	Repeated IPv4 Addr :	0
1Mismatched Area Addr(L1): 13		Mismatched Proto	:0
1SNPA Conflicted (LAN)	:0	Mismatched Level	:0
■Mismatched Max Area Addr: 0		Bad Authentication	:0

A. R3andR4the interconnect interfacecircuit-typeMismatch

B. R3andR4different area codes

C. R3andR4ofIS-LevelMismatch

D. R3andR1ofIIHAuthentication failed

ANSWER: B

Which of the following reasons may cause the hosts in the same--VLAN LAN to fail to communicate with each other

A. port isolation is configured on the switch

B. the wrong port is configured on the machine, andMA, Caddress binding

C. interface is artificialshutdownor the physical interface is damaged

D. switchMA, Caddress learning errors

ANSWER: A B C D

QUESTION NO: 6

When a fault occurs, the fault can be classified to reduce the scope of fault location. Which of the following is not an interface configuration fault?

A. Inconsistent duplex modes of interfaces on both ends

B. IPaddress conflict

C. Interface authentication is inconsistent

D. Inconsistent luminous power at both ends

ANSWER: D

QUESTION NO: 7

Regarding BGP/MPLS IPVPN routing interaction, which of the following descriptions is wrong?

A. ExportPEable to passBGP,IGPor static routing to the remoteCEsendIPv4routing B. ExportPEupon receiving the entrancePEpostedVPNv4After routing, according to the route carriedRTproperty, yes
VPNv4route to filter

B. PEandCEthe interaction isIPv4routing information

C. EntrancePEwill be fromCEreceivedIPv4route becomesVPNv4routing, and vary according toVPNsave the instance

ANSWER: A

QUESTION NO: 8

When there are multiple redundant links in the IS-S network, multiple equal-cost routes may appear. Which of the following statements is false about equal-cost routing within an

IS-IS network?

A. When the number of equal-cost routes in the network is greater than the number configured by the command, and these routes have the same priority,
Preferred next hop deviceSystem IDLarge routes for load balancing

B. If load sharing is configured, the traffic will be evenly distributed to each link

C. After configuring equal-cost route priorityJS-ISWhen the device forwards the traffic reaching the destination network segment, it will not adopt the load balancing method, but forward the traffic to the next hop with the highest priority

D. For each route in the equal-cost route, a priority can be specified, and the route with higher priority will be preferred. the rest as backup routes

---

ANSWER: C

QUESTION NO: 9

The partial configuration of R1 is as follows. Which statement about OSPF on R1 is correct?

ospf 1 router-id 172.16.1 J

area 0.0.0.0

network 10.1.12.1 0.0.0.0

network 10.1.13.1 OQO.O

network 172 J 6.1.1 0.0.0.0

```
#

ISIS 1

    cost-style wide

    network-entity 49.0022.ee8c.a0c2.baf2.00
```

A. R1The device type isLevel-2

B. R1The device type could not be determined

C. R1The device type isLevel-1

D. R1The device type isLevel-1 -2

ANSWER: D

QUESTION NO: 10

Which of the following statements about LDP Label Retention - Free Way is true:

A. Requires more memory and tab space

B. Keep all labels distributed by neighbors

C. Only keep labels from next-hop neighbors and discard all labels from next-hop neighbors

D. Save memory and label space

ANSWER: A B

Regarding the MPLS forwarding process, the description of Ingress node forwarding is correct:

A. IngressAfter the node receives the data packet, it will first checkILMlooking forTunnel ID

B. existIPThe obtained label is pressed into the packet, and according to theQoSPolicy processingEXRSimultaneous processingL,,Then the packagedMPLSThe packet is sent to the next hop

C. according toILMtableTunnel IDfind the correspondingNHLFEentry, willLFIBentry andNHLFEtable entry

D. CheckNHLFETable entry, you can get outbound interface, next hop, outbound label and label operation type The label operation type isPush

ANSWER: B D

According to this picture, you can judge

```
<R1>display ipv6 routing-table protocol bgp

Public Routing Table : BGP

Summary Count : 1


BGP Routing Table's Status : < Active >

Summary Count : 1



Destination : 3002::3                    PrefixLength : 128
```

NextHop	: 3000:FDEA::3	Preference	: 255
Cost	: 0	Protocol	: IBGP
RelayNextHop	: FE80::2E0:FCFF:FE98:2577	TunnelID	: 0x0
Interface	: GigabitEthernet0/0/1	Flags	: RD

<R1>

A. The optimal outgoing interface for R1 to access room 3000: FDEA::3 is GigabitEtherneto/0/1

B. R1 with 3000:FDEA::3 is IB6P neighbor

C. R1 has a TCP connection with 3000:FDEA::3

D. R1 learned route 3002 through IBGP::3/128

ANSWER: B D

QUESTION NO: 13

BGP routing policies can control the advertisement and reception of routes.

A. True

B. False

ANSWER: A

QUESTION NO: 14

In BGP/MPLS IP VPN, the 0SPF multi-instance process uses the DN bit to prevent Type5

LSA loops.

A. True

B. False

ANSWER: B

QUESTION NO: 15

Configuring DHCP Snooping can be used to prevent imitator attacks, so the configuration process needs to include the following

What are the steps?

A. enable globalDHCP SnoopingFunction

B. enable globalDHCPFunction

C. Configure Interface Trust Status

D. enable interface orVLANofDHCP SnoopingFunction

ANSWER: A B C D