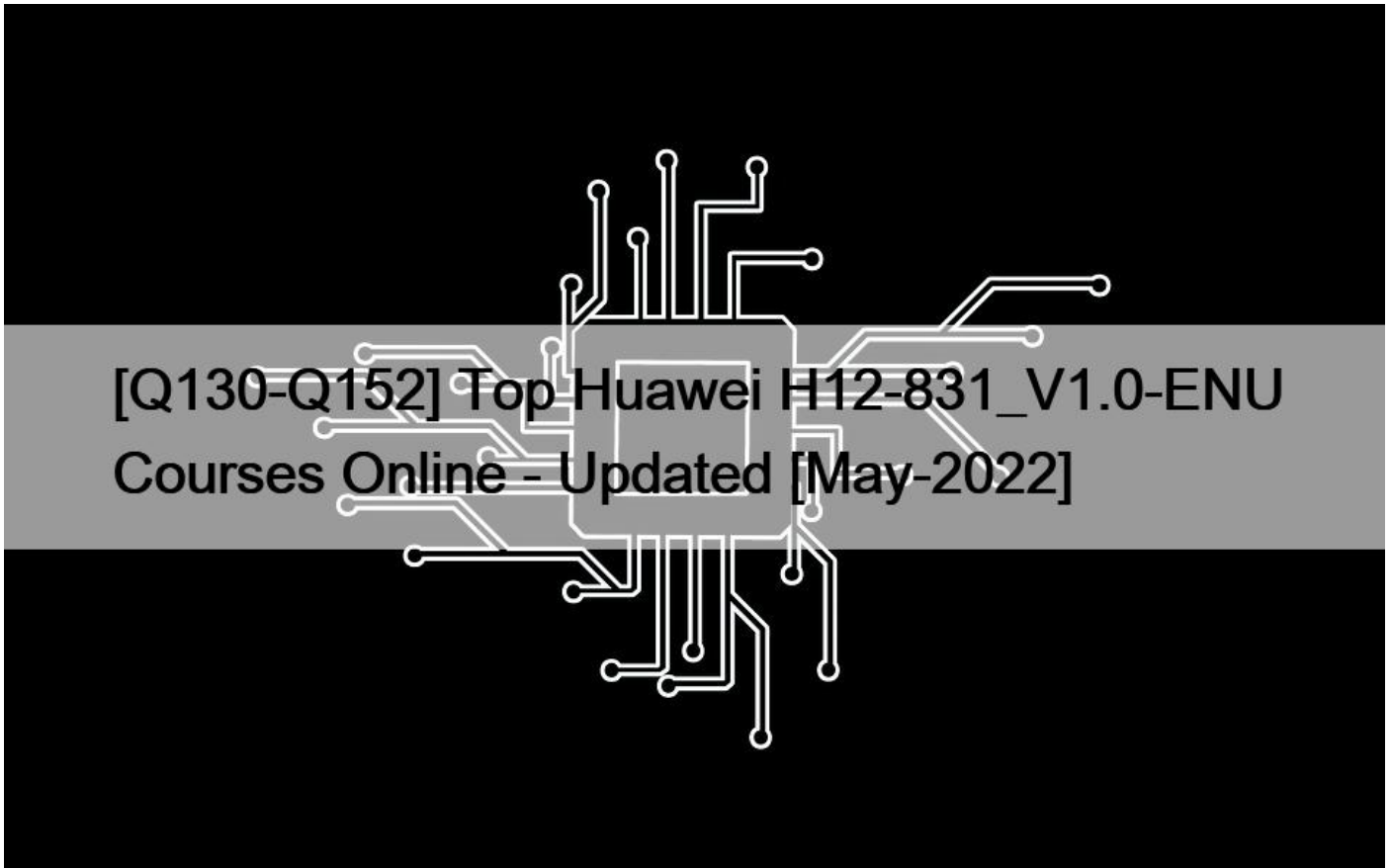


[Q130-Q152] Top Huawei H12-831_V1.0-ENU Courses Online - Updated [May-2022]



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QUESTION 130

From the user's point of view, any phenomenon that affects the business can be defined as a fault.

- * True
- * False

QUESTION 131

Regarding BGP/MPLS IPVPN data forwarding, which of the following descriptions is wrong?

- * data inB, CP/MPLS IP VPNWhen the backbone network is transmitted, it always carries two layers of labels
- * The inner label when data is forwarded is defined byMP-BGPdistribute
- * The outer layer label when data is forwarded can beLDPdistribute
- * PEsend toCEThe data isIP4Genuine

QUESTION 132

Which of the following are static information coking analysis? (Multiple choice)

- * Interface type
- * Packet loss rate
- * License
- * Device type

QUESTION 133

From the user's point of view, any phenomenon that affects the business can be defined as a failure.

- * TRUE
- * FALSE

QUESTION 134

There is the concept of forwarding equivalent FEC in MPLS. Which of the following descriptions is wrong? (Multiple choice)

- * MPLS classifies packets with the same forwarding processing method into one category, which is called FEC
- * A forwarding equivalence FEC will be assigned a unique label value on all routers
- * The packets of the same FEC will be processed differently in the MPLS network
- * The division of FEC is very flexible. It can be based on any combination of source address, address, source port, destination port, protocol type or VPN, etc.

QUESTION 135

EGP authentication can prevent illegal routers from establishing neighbors with BCP routers. BCP authentication can be divided into MD5 authentication and Keychain authentication. Which of the following BGP messages will carry BCGP Keychain authentication information? ((Multiple choice)

- * Open
- * Update
- * Notification
- * Keepalive

QUESTION 136

According to this picture, what can we judge? (Multiple choice)

```
<R4>display isis lsdb

Database information for ISIS(1)

Level-1 Link State Database

LSPID                Seq Num  Checksum  Holdtime  Length  ATT/P/OL
ee8c.a0c2.baf2.00-00 0x00000009 0x4c44    1159      83      1/0/0
ee8c.a0c2.baf2.01-00 0x00000001 0x23b3    815       54      0/0/0
ee8c.a0c2.baf3.00-00 0x0000000c 0x462f    1187      83      1/0/0
ee8c.a0c2.baf3.01-00 0x00000001 0x2ea7    1082      54      0/0/0
ee8c.a0c2.baf4.00-00* 0x00000004 0x8af5    1083      103     0/0/0

<R4>
```

- * R4 belongs to Level1-2 only
- * The device whose system-ID is ee8c. a0c2.baf2, and its type is Level-1-2
- * The device with system-ID ee8a0c2.baf2, its type is Level-1-1
- * R4 belongs to Level-1 only

QUESTION 137

As shown, all routers run OSPF. Which of the following statements is correct?



- * R2 in the area1 and area0 will generate Router LSA
- * R2 will R3 Generated Router LSA forward to R1
- * R2 will R1 Generated Router LSA forward to R3
- * R2 only in area0 generated in Router LSA

QUESTION 138

Which of the following commands can be used to view BGP VPNv4 routing and BGP private network routing information on the PE?

- * display bgp routing-table address-family vpnv4
- * display bgp vpnv4 routing-table
- * display bgp routing-table ipv4-family vpnv4

- * display vpv4 bgp routing-table

QUESTION 139

In the network shown in the figure below, to implement a remote LDP session between SWA and SWC, the following The law is correct



- * No need to specify the correct equivalentlsr-id
- * The configuration in the figure can already be realized
- * You need to create a remote peer, and then specify the peer’slsr-id
- * Need to be equipped with a direct connection port to establishTCPconnect

QUESTION 140

Which of the following statements about MUX VLAN are correct? (Multiple choice)

- * Each Group VLAN must be bound to a Principal VLAN
- * Separate VLAN can communicate with all VLANs in MUX VLAN
- * Each Separate VLAN must be bound to a Principal VLAN
- * Principal VLAN can communicate with all VLANs in MUX VLA

QUESTION 141

Regarding multi-instance CE (Mmulti-VPN-Instance CE, MCE), which of the following descriptions is wrong?

- * existMCEdevice needs to be differentVPNCreate their own routing table and bind to the correct interface
- * connected to the sameMCEbut not oneVPNInstance users cannot access each other
- * haveMCEfunctional devices can be found inBGPIMPLS IP VPNAccess to multiple applicationsVPNExample, reduce the investment of user network equipment
- * MCEandPEThere must be multiple physical links betweenVPINIsolation between instances

QUESTION 142

Which of the following series can be matched by the regular expression 100.S? (Multiple choice)

- * 100
- * 1000
- * 10000
- * 1001

QUESTION 143

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

- * The egress PE can send IPv4 routes to the remote CE through BGP, IGP or static routing
- * After the egress PE receives the VPNv4 route advertised by the ingress PE, it filters the VPNv4 route according to the RT attribute carried by the route
- * The exchange between PE and CE is IPv4 routing information
- * The ingress PE changes the IPv4 route received from CE to VPNv4 route, and saves it according to different VPN instances

QUESTION 144

The IS-IS neighbor relationship between R3 and R1 is not established. According to the information in this figure, what is the possible reason?

```
Repeated System ID :0      Bad Circuit Type
Longer packet           More Area Addr
Longer Area Addr       Bad Area Addr TLV :0
More IF Addr           Bad Formatted IF TLV
Mismatched Area Addr(LI): 0      Mismatched Proto
SNPA Conflicted (LAN): 0
```

- * R3andR1ofIIHAuthentication failed
- * R3andR1ofSystem IDrepeat
- * R3andR1ofI5-LevelMismatch
- * R3andR1the interconnect interfacecircuit-typeMismatchWhen troubleshooting MSTP faults, you executed the display current-configuration command to obtain

QUESTION 145

MPLS is called multi-protocol label switching. Which description is correct about the label in MPLS? (Multiple choice)

- * MPLS system has a variety of label publishing protocols, such as LDP is a label publishing protocol
- * The label is carried by the header of the MIPLS message and has a global meaning, that is, the label value of all routers cannot be repeated
- * A label is an identifier with a fixed length and only local meaning, which is used to uniquely identify the FEC to which a group belongs
- * MPLS supports single-layer labels as well as multi-layer labels

QUESTION 146

Display interface GE0/0/0 once, and find that the Total Error count (the total number of error packets on the physical layer of the interface) is not 0. At this point, it can be concluded that the current fault has not disappeared.

- * TRUE
- * FALSE

QUESTION 147

BFD session down will cause the direct link to fail.

- * TRUE
- * FALSE

QUESTION 148

A certain park deployed both IPv4 and IPv6 networks for service testing, and IS-IS was run to achieve network interconnection. IS-IS routing protocol has good scalability and is widely used in existing networks.

Regarding IS-IS scalability, which of the following statements are correct? (Multiple choice)

- * IS-IS uses TLV structure to construct messages, which makes IS-IS more flexible and expandable
- * For IS-IS, adding new features only needs to add a new TLV
- * IS-IS needs to add TLV to carry P6 address information in order to support PV6
- * NLPID is a new TLV of IS-IS to support IPv6

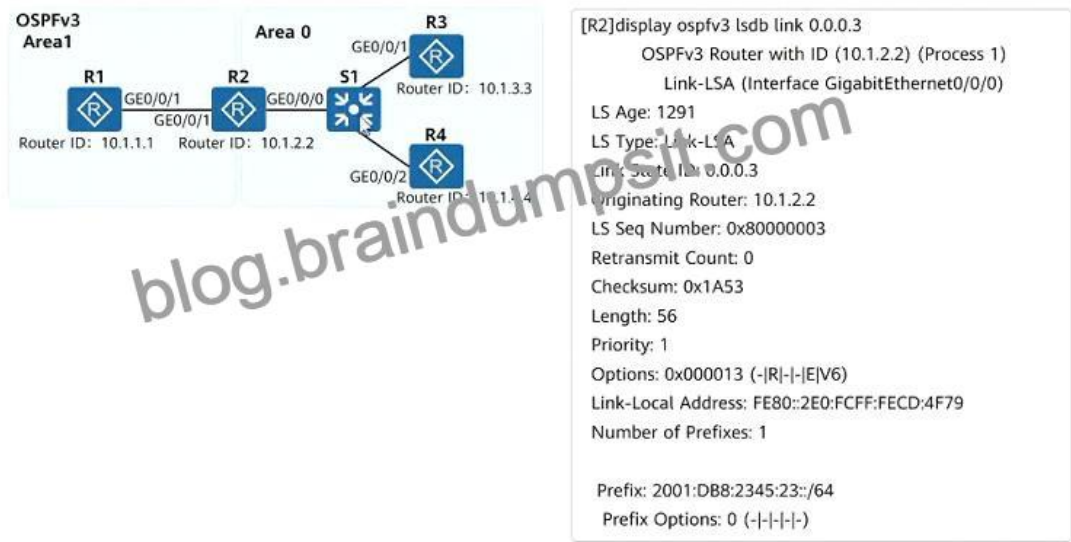
QUESTION 149

Which of the following statements is true about the role of ping and tracert?

- * Pingthrough one-wayicmp echo requestPacket inspection and bidirectional reachability of the correct end
- * TracertMust be able to trace every hop from source to destinationIPaddress
- * pingThe reachability from the local end to the peer end is verifieD. but it does not mean that the peer end to the local end must be reachable
- * tracertandpingThe function is the same, just the name is different

QUESTION 150

A campus has deployed IPv6 for service testing. There are 4 routers in the network, running OSPFv3 to implement IPv6 network interconnection. As shown in the figure, an engineer checked the LSDB of R2 and intercepted one of the Link-LSAs. Which of the following statements is true about the description of this LSA?



- * The router that generates this LSA is R2 port R2 connected
- * IPv6 address prefix for GEO/0/0: 2001:DB8:2345:23::/64
- * The link-local address of R2 interface GEO/0/0 is: FE80::2E0:FCFF:FEC, D:4F79
- * The SA shows 2 does not support external routing, but participates in IPv6 routing calculation

QUESTION 151

Which of the following descriptions is wrong?

- * The LSP established by statically assigning labels can also be dynamically adjusted according to network topology changes without the intervention of the administrator
- * The principle to be followed for manual label allocation is: the value of the outgoing label of the upstream node is the value of the incoming label of the downstream node
- * LSP is divided into static LSP and dynamic LSP. The static LSP is manually configured by the administrator, and the dynamic LSP is dynamically established using the label protocol
- * Dynamic LSP is dynamically established through label distribution protocols, such as MP-BGP, RSVP-TE, LDP

QUESTION 152

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

- * enable globalDHCP SnoopingFunction
- * enable globalDHCPFunction
- * Configure Interface Trust Status
- * enable interface orVLANofDHCP SnoopingFunction

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