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QUESTION 1

A campus deployed both IPv4 and IPv6 networks for service testing, and ran IS-IS to interconnect the networks. (The S-S routing protocol has good scalability and is widely used in the live network.) Regarding IS-IS extensibility, which of the following statements is true?

- A. In order to support IPv6, IS-IS needs to add TLV to carry IPv6 address information
- B. IS-IS uses the TLV structure to build messages, making IS-IS more flexible and extensible
- C. NLPID is a new type of TLV added by IS-IS to support IPv6
- D. For IS-IS, adding new features simply adds a new TLV to

Correct Answer: ABD

QUESTION 2

In the evolution from IPv4 networks to IPv6, some transition technologies have emerged, which of the following are common types of transition technologies?

- A. Dual-stack technology
- B. Tunneling Technology
- C. Compatible with Technology
- D. Conversion Technology

Correct Answer: ABCD

QUESTION 3

Regarding route introduction, the following description is correctly ?(Multiple choice questions).

- A. OSPF introduces two types of external routes, with the first type of external route taking precedence over the second type of external route.
- B. Use the default-route imported command in BGP only to introduce default routes that already exist in the local IP routing table.
- C. When ISIS introduces an external route, if you do not specify the route type that is introduced, the Level-1 route is introduced by default on the L1/2 router
- D. When ISIS introduces an external route, if you do not specify the type of route that is introduced, the Leve1-1 route is introduced by default on the L1 router .

Correct Answer: AB

QUESTION 4

When the load is an ICMPv6 message, what is the numeric value of the Next Header field in the IPv6 header if the presence of an extended header is not taken into account?

- A. 58
- B. 78
- C. 55
- D. 68

Correct Answer: ACD

QUESTION 5

The command to configure VRRP preemption delay is ?

- A. vrrp vrid 1 preempt-mode timer delay 20
- B. vrrp vrid 1 preempt-delay 20
- C. vrrp vrid 1 preempt-timer 20
- D. vrrp vrid 1 timer delay 20

Correct Answer: A

QUESTION 6

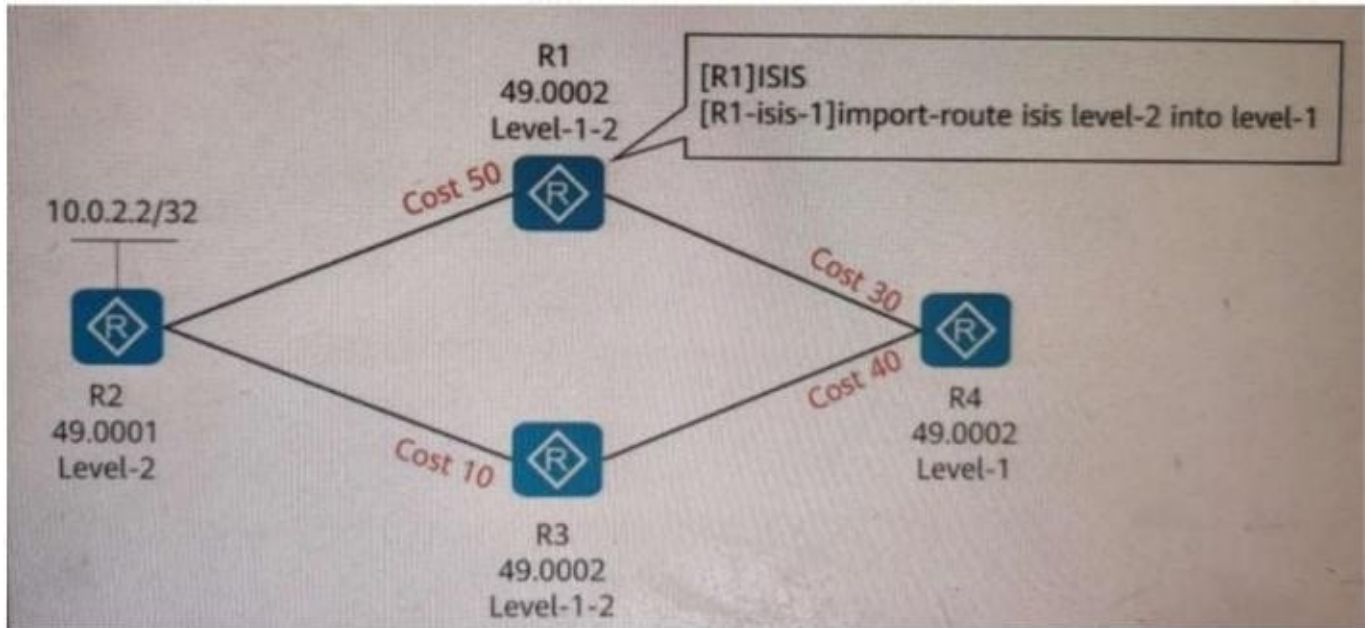
Regarding the FTP protocol, which of the descriptions below is correct?

- A. In FTP Passive mode, the client completes the initialization of the TCP session for control and data
- B. In FTP Active mode, the server tells the client which port it expects to send data on by commanding "PORT"
- C. FTP always uses a TCP session to transmit control information and data information
- D. FTP always uses TCP port 20 to establish a data session, and ICP port 21 to establish control will always use E. FTP TCP port 21 to establish a data session, TCP port 20 to establish a control session

Correct Answer: A

QUESTION 7

Four routers running IS-4S and an adjacency relationship has been established, the area number and the level of the router are noted in the figure, and the R4 reaches 10022/32 on the R1 device Cost for how much?



- A. 50
- B. 80
- C. 40
- D. 30

Correct Answer: B

QUESTION 8

If you have a Huawei switch running the STP protocol, and now connect the GO/O/17 interface and the GO/O/18 interface of the switch through a cable, then the scenario described below is correct ?(Single choice questions).

- A. Both the G0/0/17 interface and the GO/0/18 interface enter the Forwarding state
- B. Both the Go/0/17 interface and the G0/0/18 interface enter the Discarding state
- C. The Go/0/17 interface enters the Blocking state
- D. The GO/0/18 interface will continuously change back and forth between the Listening state and the Learning state
- E. GO/0/18 interface will enter the Disking state

Correct Answer: E

QUESTION 9

The Serial Number field of LS is used to detect expired and duplicate LSAs. The field is a 32bt signed integer, so the small serial number is Ox8000000

- A. True
- B. False

Correct Answer: B

QUESTION 10

What kind of scenario can use AS-path-filter?(Multiple select).

- A. A Filters routes received from BGP neighbors based on the AS PATH attribute carried by the route, such as the command peer X.x.x.x as path-filter import
- B. The apply clause in Route policy
- C. Filter routes sent to BGP neighbors based on the AS PATH attribute that the route carries. For example, the command peer x.x.x.x as path-filter export
- D. The if-match clause in Route-policy

Correct Answer: ACD

QUESTION 11

?BGP4+?,Update ????M IP_R EACH_NLRI ?????next hop network address ????? ?

- A. It can be just link-local address
- B. Can only be a link-local address
- C. You can carry a link-local address and a global unicast address
- D. at the same time Can only be a global unicast address

Correct Answer: C

QUESTION 12

Regarding BGP4+, the following statement is correct?

- A. BGP4+ carries the next hop address of the route through the Network Address of Next Hop in the NLRI properties MP_REACH
- B. BGP4+ carries the next hop address of the IPv6 route through the NEXT_HOP attribute
- C. The NEXT_HOP attribute does not exist in BGP4+
- D. BGP4+ carries the prefix and mask length of the IPv6 route through the NLRI attribute

Correct Answer: AD

QUESTION 13

Dual-bucket, two-speed is used in traffic governance, where the number of tokens in a C bucket is TC and the number of tokens in a P bucket is TP. When a message of length B enters, which of the following sentences is correctly described? (Multiple choice questions).

- A. If $TP - B > 0$ and $TC - B$
- B. If $TP - B > 0$ and $TC - B$
- D. If $TP - B > 0$ and $TC - B > 0$, the message is marked as a green

Correct Answer: BCD

QUESTION 14

Regarding the OSPFv3 protocol, the following description is incorrect?

- A. In the case of sharing a single router, each OSPFV3 process runs independently
- B. In the same OSPFv3 process under the same interface, you can run multiple instances of
- C. You can support running multiple instances on a single link
- D. OSPFv3 message header will contain the Instance ID field

Correct Answer: B

QUESTION 15

View the IGMP configuration of the interface on the router RTA as follows, and the information about the operation of the RTA is incorrect

```
<RTA>display igmp interface
Interface information of VPN-Instance: public net
GigabitEthernet0/0/1(192.168.1.1):
  IGMP is enabled
  Current IGMP version is 2
  IGMP state: up
  IGMP group policy: none
  IGMP limit: -
  Value of query interval for IGMP (negotiated): -
  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
  Querier for IGMP: 192.168.1.1 (this router)
```

- A. The packet interval for a particular group query is 60 seconds

- B. The interface IP address is 1921681.1
- C. The maximum response time for query messages is 10 seconds
- D. The IGMP protocol version is 2

Correct Answer: A

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