

Huawei.Premium.H12-891\_V1.0.30q - DEMO

Number: H12-891\_V1.0  
Passing Score: 800  
Time Limit: 120 min



**Exam Code:** H12-891\_V1.0  
**Exam Name:** HCIE-Datcom V1.0  
**Website:** [www.VCEplus.io](http://www.VCEplus.io) - [www.VCEup.com](http://www.VCEup.com)

VCEup

## Exam A

### QUESTION 1

What are the following advanced features supported by BGP EVPN?

- A. ARP broadcast suppression
- B. VRRP overVXLAN
- C. Multi-active gateway
- D. WI-AN Qos

**Correct Answer:** ABCD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 2

Is the following correct statement for the VXLAN message?

- A. The outer destination IP address is the IP address of the VTEP at the far end of the VXLAN tunnel
- B. The source UDP port number is 4789
- C. The destination UDP port number is 4789
- D. VNI has 24 T bits to distinguish the VIAN segment

**Correct Answer:** ACD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

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### QUESTION 3

To achieve an on-machine migration in the BGP EVPN distributed gateway scenario, which of the following messages is required?

- A. Type5
- B. Type4
- C. Typel
- D. Type2
- E. Type3

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### QUESTION 4

The means of the LAND attack is that the attacker sends an SVN packet message with the same source and destination addresses to the target host, the source port and the destination port are the same, and the receiver waits for the final ACK packet to be sent , the connection is always in a semiconnected state, resulting in a full limited TCP reception Waste of resources

- A. True
- B. False

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 5**

The following statement about the Security Alliance SA in IPSec is wrong with ?

- A. SA is uniquely identified by a triple that includes the Security Parameter Index, Security Parameter Index, the source IP address, and the Security Protocol Number (SPI) used
- B. Use the display ipsec command to view information such as the encryption method used with another IPSEC peer, the traffic of interest, and so on.
- C. IPSec only supports encrypting data using the pair encryption algorithm.
- D. IPSec peers must be at a two-way SA to establish an IPSec VPN connection to close

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 6**

If there are multiple recipients in a multicast group, the administrator enables the IGMP-Snooping function on the switch connecting the recipient, and when the receiver receives the universal group query packet of the querier from the switch, how should multiple recipients respond?

- A. The first recipient whose response time expires sends the Report message, the other receivers do not.
- B. All recipients will respond to Report messages only if ICMPV2 is running.
- C. All recipients will respond to the Report message only if IGMPv1 is running.
- D. All recipients will respond to the Report message

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 7**

If you run PIM-SM in a multicast network, you need to build a multicast forwarding tree between the multicast source and the receiver to enable the receiver to receive the multicast effect, so what are the following options for the correct tree sketch for the build?

- A. What is built between the multicast source and the RP is the SPT tree
- B. RP and the receiver is built between the RPT tree
- C. Built between the RPT tree
- D. RP and the swap is the SPT tree

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 8**

Is the following description of the BSR/RP mechanism correct?

- A. PIM-SM domain can have more than one C-BSR, but only one BSR can be elected by the C-BSR that receives the C-RP Packets are collected C-one RP information
- B. BSR advertises BSR and C-RP information to all routers in the PIM-SM domain by flooding Bootstrap packets
- C. A C-BSR can also collect C-RP information by receiving C-RP packets

**Correct Answer:** ABC

**Section:** (none)

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## Explanation

### Explanation/Reference:

Explanation:

### QUESTION 9

What is the following description of LDP reliability?

- A. LDP GR (Graceful Restart) takes advantage of the high difference between the LS forwarding plane and the control plane to realize that the device forwards without interruption when the protocol is restarted or the master-standby is reversed
- B. Manually configured LDP FRR policy defaults to a 32-bit backup route that triggers LDP to establish a backup ISP
- C. The LDP ERR can also generate an ISP for a tag map from a non-optimal next hop, and create a forwarding table entry as a backup of the primary LSP
- D. LDP and LDP linkage, the need for IGP to suppress the release of routes, to ensure that LDP and LDP paths are consistent

**Correct Answer:** B

**Section:** (none)

**Explanation**

### Explanation/Reference:

Explanation:

### QUESTION 10

RD is used to distinguish the same IP address in different VPNs, how many bits does RD contain ?  
(Single choice)

- A. 64
- B. 32
- C. 16
- D. 128

**Correct Answer:** A

**Section:** (none)

**Explanation**

### Explanation/Reference:

Explanation:

### QUESTION 11

Regarding the mpls handling mode of TTL, is the following description correct?

- A. Pipe mode. When an IP message passes through the MPLS network, the IPTTL minus 1 is mapped to the WLSSTTL field at the incoming node.
- B. The TTL in the B. MPLS label has the same meaning as the TTL field in the head. TTL prevents mpls networks from developing bad routing.
- C. Uniform style, when an IP packet passes through the MPLS network, the IPTTL of the incoming node is minus 1. The MPLS TTL field is a fixed value.
- D. In MPLSVPI, if you need to hide the structure of the MPLS backbone network, you can use Uniform mode on Ingress for private network messages .

**Correct Answer:** B

**Section:** (none)

**Explanation**

### Explanation/Reference:

Explanation:

### QUESTION 12

In an MPLS VPN network, different CE devices exchange routing information with the same PE device using different routing protocols, and different CE devices use routing protocols that are independent of each other

- A. True
- B. False

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 13**

Which of the following options uses an alternate channel to enable communication between IPV6 addresses?

- A. DualStack
- B. 6to4
- C. ISATAP
- D. NAT64

**Correct Answer: BC**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 14**

If a router only needs to forward IPv6 packets, you do not need to configure any IPV4 agreements and addresses on that router.

- A. True
- B. False

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 15**

BGP4+ is running between two routers, and the neighbor relationship is normal, but the BGP routing table of the router on this side does not have a neighbor route entry.

- A. The route entry in the peer BGP route table is non-optimal.
- B. The next hop address of the
- C. BGP route entry is unreachable
- D. Peer ignore is configured on the peer
- E. The peer is configured with active-route-advertise

**Correct Answer: ABD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 16**

Which of the following options can affect the establishment of IBGP neighbors?

- A. iBGP-Multi-hop is not configured
- B. Authentication is unsuccessful
- C. IGP routing is not passable
- D. BGP protocol version inconsistencies

**Correct Answer: BCD**

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**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 17**

Which of the following tools cannot be referenced directly by the If-match clause in Route-policy?

- A. Regular expression
- B. IP-prefix
- C. AS-path-filter
- D. Community-filt

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 18**

What information does this contain in a basic layer packet? (Multiple choice)

- A. Data link layer header
- B. Upper-level data
- C. The network layer header
- D. path records
- E. Network Layer Tail

**Correct Answer: BC**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 19**

The correct description of configuring BGP4+ is that

- A. BGP4+ does not support route reflectors.
- B. The next hop of a B. BGP4 route can use the Link-Local address.
- C. BGP4 configures the reflector, the role positioning of the reflector and the client needs to be consistent with the configuration of BGP4
- D. BGP4 specifies p
- E. BGP4+? Router-ID ? BGP4 ? Router-ID—??

**Correct Answer: BE**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 20**

A company network runs the OSPF protocol, a project in order to understand the OSPF mechanism in the network to perform packet transfer operations, the following description of ospf messages is correct?

- A. The interface sends a Hello packet immediately after joining the OSPF region
- B. LS update packet is sent only when the adjacency relationship is established
- C. When an LsUpdate packet is received, the router must send an LsAck acknowledgment

D. LS update packet synchronizes the link state database by sending detailed LSA information 2

**Correct Answer:** AD

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 21**

Regarding the Stub region in the OSPF protocol , the following statement is correct.

- A. ASBR cannot exist in the Stub zone
- B. Virtual connections cannot traverse the Stub region.
- C. Injecting typeT LSA
- D. backbone areas that are not allowed in Stub regions cannot be configured as Stub regions.

**Correct Answer:** ABCD

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 22**

The LSA of type certainly does not exist in the 220SPF Stub zone

- A. Type7
- B. Type5
- C. Type4
- D. Type3

**Correct Answer:** ABC

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 23**

There is an existing router running OSPF connected to Zone 0 and Zone 1 You configured Zone 1 as a stub zone, what classes does LSA that only operates inside Zone 1 include?

- A. 7 ? LSA
- B. 1 ? LSA ? 2 ? LSA
- C. 1 LSA,2 LSA 5 LSA
- D. 3 ? LSA ? 4 ? LSA
- E. 1 LSA,2 LSA 3 LSA

**Correct Answer:** E

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 24**

An engineer performed the ingestion operation on an OSPF router in a network of the company, is the following statement about the introduction of the routing LSA correct?

- A. The A. Advertising Router report is set to as the Router ID of ASBR

- B. Net Mask is set to all 0
- C. Link State ID is set as the destination network segment address
- D. Using the Link State ID and Advertising Router, you can uniquely identify an LSA

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 25**

In broadcast networks, elections to DIS begin only after a neighbor relationship has been established

- A. True
- B. False

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 26**

Which of the following statement about isis protocol route aggregation is correct?

- A. Route aggregation can be configured and takes effect on all types of routers
- B. Route aggregation can only take effect if configured on Leve-1 port routers
- C. Route aggregation can only be configured on Leve-2 routers to take effect
- D. Route aggregation can only be configured on Leve-1-2 routers to take effect with

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 27**

ISIS does not send CSNP packets under the P2P network type during the neighbor establishment process.

- A. True
- B. False

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 28**

In OSPFv3 , Router-LSA is generated by each router, which describes the interface address and cost of each link of the router, and also includes the RouterID of the neighbor router

- A. True
- B. False

**Correct Answer:** B



**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 29**

Is the following GR description of ISIS correct?

- A. The GR feature of ISIS is turned on by default.
- B. ISIS's GR has a total of four timers.
- C. ISIS's GR notifies of events and maintains neighbor relationships through CSNP messages.
- D. ISIS's GR defines a new TLV structure to support this feature.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 30**

Both the CSNP packet of ISIS and the DD packet of OSPF have a role in the MA network, describing the role of the link state database summary, which is correct compared to the following statements of these two types of messages

- A. Both packets need to be confirmed to the terminal router after being sent, otherwise they need to be retransmitted
- B. Once the adjacency relationship is established, the CSRP packet and the D message will stop sending
- C. The two packets do not need to be confirmed to the router after they are sent the master-slave relationship in the DD message interaction of
- D. OSPF is not identity bound to dr/BDR; the CSN message is generated only by DIS

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

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