



H12-831^{Q&As}

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

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QUESTION 1

An engineer uses two routers to test IPv6 services, and simulates the headquarters and branches by running BGP4+ of interconnection. As shown in the figure, an engineer captures packets to view the update packets sent by R1. About this message Description of information, which of the following statements is correct

AS65001

AS65002

R1

R2

Loopback•



UPDATE Message-Border Gateway Protocol

UPDATE Message

Marker 16 bytes length: 85 bytes Type

UPDATE Message (2) Unfeasible routes

length: 0 bytes Total path attribute length: 62

bytes Path attributes

ORIGIN: IGP (4 bytes)

AS PATH 65001 (9 bytes)

MULTIEXIT DISC 0 (7 bytes)

MP_REACH_NLRI (42 bytes)

Path 0, 90 (Savejona Non transmitve. Complete, Extended Length)

Type code MP_REACH_NLRI (14)

Length: 18 bytes

Address family: IPv6 (2)

Subsequent address family identifier Unicast(1)

***10se#wori (ackresi (16 bytes)

Next hop 2001:db8:2J45:2rl <J6)

Swbrmwodk pomes of atuchment 0

MP reach NLRI prefix length 128 MP Reach

NLRI prefix 2001:db8:2345:1:1

A. The next hop address of the route described in this packet is:2001:db8::2345:1:1

B. This message describes the current revocation IPv6 routing

C. The route described in this packet may be through import policy

Correct Answer: C



QUESTION 2

Network administrator A wants to use A, CL to match only the four routing entries 1 and 3.57 in the figure. Ask the network administrator A at least how many A, CL rules do you need to configure?

Num Route

1	10.0.1.0/24
2	10.0.2.0/24
3	10.0.3.0/24
4	10.0.4.0/24
5	10.0.5.0/24
6	10.0.6.0/24
7	10.0.7.0/24

- A. 2
- B. 1
- C. 4
- D. 3

Correct Answer: B

QUESTION 3

In the multi-level RR scenario, a large number of secondary RRs will be connected to the primary RR, which may lead to BGP of the primary RR. The routing table overflows, what method can be used to reduce the risk of overflowing the routing table of the advanced RR BGP?

- A. ORF
- B. route aggregation
- C. routing control
- D. set the sameCluster-ID

Correct Answer: B

QUESTION 4

Regarding the BGPI MPLS IPVPN network architecture, which of the following descriptions is wrong?



- A. The device only needs to have the basic MPLS Forwarding capability, not maintained VPN Related Information
- B. between sites via VPN Mutual visits, a site can only belong to 1 individual VPN
- C. In general, CE The device does not perceive VPN existence, and CE Device does not require support MPLS, MP-BGP Wait
- D. BGP/MPLS IP VPN network architecture by CE (Customer Edge). PE (Provider Edge) and P (Provider) consists of three parts, including PE and P is operator equipment, CE Yes BGP/MPLS IP VPN User settings prepare

Correct Answer: B

QUESTION 5

As shown below:

<RA >display ospf lsdb						
OSPF Process 1 with Router (D 172.16.1.1						
Link State Database						
Area: 0.0.0.0						
1 Typ*- Router .Ro—T , '	LinkState ID	AdvRouter	Age	Len	Sequence	Metric
	172.16.1.3	172.16.1.3	216	60	80000000	1
	72.16.1.2	172.16.1.2	214	60	80000008	
	172.16.1.1	172.16.1.1	217	60	80000007	
		1 * 1			sooooooc)^>	
		1 7 1 & 1."			member-	0
Network	10.1.13.2	172.16.1.1	218	32	80000001	0
Network	161.12.2	172.16.1.2	218	32	80000001	0
Network	10.1.34.2	172.16.1.1	209	32	80000002	0

- A. area. have 8 individual MAThe internet
- B. area. have 4 individual MAThe internet
- C. area. have 4 router
- D. area. have 8 router

Correct Answer: BC