



H12-831^{Q&As}

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

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QUESTION 1

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. existIPTThe 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

Correct Answer: BD

QUESTION 2

What is the value of the linkage between OSPF and BFD?

- A. OSPFofhelloThe sending interval is in seconds, more thanBFDInduction link status is fast
- B. BFDThe message sending interval can reach the millisecond level, which is less thanOSPFInduction link status is slow
- C. Detected at the millisecond levelBFD. associationOSPFstate, fulfilledOSPFThe purpose of quickly sensing the status of the tank
- D. BFDAny change in state will not affectOSPFneighbor state

Correct Answer: C

QUESTION 3

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

Correct Answer: C



QUESTION 4

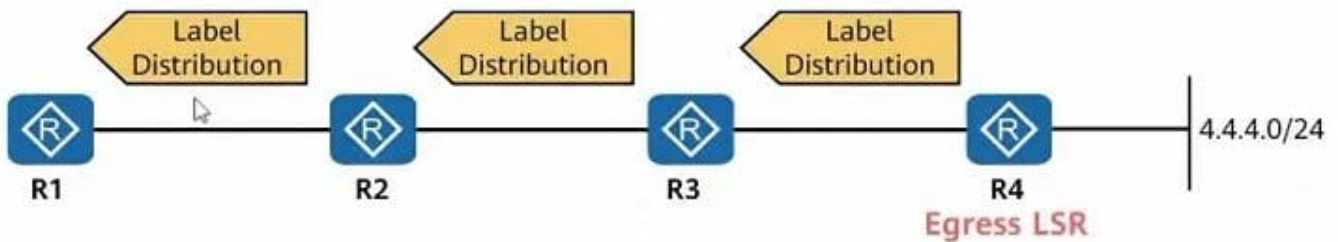
Regarding the BGPI MPLS IPVPN network architecture, which of the following descriptions is wrong?

- A. PThe device only needs to have the basicM PLSForwaring capability, not maintainedVPNRelated Information
- B. between sites viaVPNMutual visits, a site can only belong to1individualVPN
- C. In general,CETThe device does not perceiveVPNexistence, andCEDevice does not require supportMPLS,MP-BGP Wait
- D. BGP/MPLS IP VPNnetwork architecture byCE(CustomerEdge).PE(ProviderEdge)and P(Provider)consists of three parts, includingPEandPis operator equipment,CEYesBGP/MPLS IPVPNUser settings prepare

Correct Answer: B

QUESTION 5

As shown in the figure, R1, R2, R3, and R4 are in the same PLs domain, and LDP is used to distribute IPLS labels between devices. R4 is the Egress LSR of the FEC 4.4.4.0/24. If you want to achieve R1 access 4.4.4.0/24, R4 does not need to query the label table but can know the forwarding priority of the data, then the outgoing label of R3 for the FEC should be:____. (Please fill in the Arabic numerals directly, without symbols)



- A. 0
- B. 1
- C. 2
- D. 3

Correct Answer: A