642-661^{Q&As}

CCIP Configuring BGP on Cisco Routers (BGP)

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QUESTION 1

Who should use private AS numbers?

A. multihomed customers who configured their AS as a transit AS

B. customers connected to a single ISP using a single permanent link

C. customersmultihomed to a single ISP using multiple permanent links

D. customersmultihomed to two different ISPs

Correct Answer: C

QUESTION 2

What is the proper configuration to enable route reflector redundancy?

A. To avoid a single point of failure, IBGP full mesh can be used between all the clients in a cluster.

B. To avoid a single point of failure, a route reflector client can have IBGP sessions to more than one route reflector within the cluster.

C. To avoid a single point of failure, a route reflector client can have IBGP sessions to other clients in another cluster.

D. To avoid a single point of failure, a route reflector client have IBGP sessions to other route reflectors in another cluster.

Correct Answer: B

QUESTION 3

Based on the show route-map test output shown in the exhibit, which matching routes will be set to a weight of 150?


```
PIR1#show route-map test
route-map test, permit, sequence 10
  Match clauses:
        ip address prefix-lists: test
        as-path (as-path filter): 1 2
        community (community-list filter): 1 2
  Set clauses:
        weight 150
  Policy routing matches: 0 packets, 0 bytes
```

A. Routes that match the prefix-list named test AND match the as-path filter 1 AND 2 AND match the community-list 1 AND 2

B. Routes that match the prefix-list named test OR match the as-path filter 1 OR 2 OR match the community-list 1 OR 2

C. Routes that match the prefix-list named test OR match the as-path filter 1 AND 2 OR match the community-list 1

AND 2

D. Routes that match the prefix-list named test AND also match either the as-path filter 1 OR 2 AND also match either the community-list 1 OR 2

Correct Answer: D

QUESTION 4

What are three characteristics of the local preference BGP attribute? (Choose three.)

A. It is a Cisco-only BGP path attribute.

B. It is used to influence the incoming traffic.

C. Its default local preference is 32768.

D. It can be used to ensure an AS-wide route selection policy.

E. It is stripped in outgoing EBGP updates except with confederation peers.

F. It is used to select routes with equal weight.

Correct Answer: DEF

QUESTION 5

In the user of hierarchical route reflector design, what is the maximum number of route reflectors that can be configured?

B. 2

C. 3

D. no limit

Correct Answer: D

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