



4A0-102^{Q&As}

Alcatel-Lucent Border Gateway Protocol

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QUESTION 1

Which of the following regarding BGP confederations is FALSE?

- A. A confederation is a collection of Autonomous Systems advertised as a single AS number to BGP speakers outside the confederation.
- B. Each member AS must either maintain a full mesh of iBGP sessions, or use route reflection.
- C. Confederations can be used to subdivide ASs that have a large number of BGP speakers into smaller domains.
- D. A full mesh of intra-confederation eBGP sessions is required between the member ASs.

Correct Answer: D

QUESTION 2

Assuming that "client1" and "client2" are directly-connected networks, what is the result of executing the following BGP policy?



```
entry 10
  from
    protocol direct
  exit
  action accept
    community add "West"
  exit
exit
entry 20
  from
    prefix-list "client1"
  exit
  action accept
    community add "North"
  exit
exit
entry 30
  from
    prefix-list "client2"
  exit
  action accept
    community add "South"
  exit
exit
default-action reject
```

- A. "client2" routes will be tagged with communities "West" and "North".
- B. "client2" routes will be tagged with communities "West", "North" and "South".
- C. "client2" routes will be tagged with community "West".
- D. "client2" routes will be tagged with community "South".

Correct Answer: C

QUESTION 3

Which of the following regarding BGP Path Identifier is FALSE?

- A. Path-ID is a four-octet identifier pre-pended to the NLRI field of a BGP update.
- B. Path-ID is an optional transitive attribute used to advertise multiple paths.
- C. Path-ID uniquely identifies each path advertised to a neighbor.



D. A BGP speaker that re-advertises a route must generate its own Path-ID.

Correct Answer: B

QUESTION 4

Which of the following statements regarding BGP Add-Paths is FALSE?

- A. Add-Paths allows non-best paths to be advertised to a peer.
- B. Add-Paths capabilities are exchanged between peers after the BGP session is established.
- C. A BGP speaker must advertise the capability to receive multiple paths from its peer.
- D. A BGP speaker must advertise the capability to send multiple paths to its peer.

Correct Answer: B

QUESTION 5

An Alcatel-Lucent 7750 SR receives a route from an iBGP peer with a MED value of 500.

What MED value is sent to eBGP peers?

- A. 100
- B. The IGP cost
- C. 500
- D. None

Correct Answer: D

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