

Latest Version: 6.1

Question: 1

Which statement is true about an OSPF broadcast link?

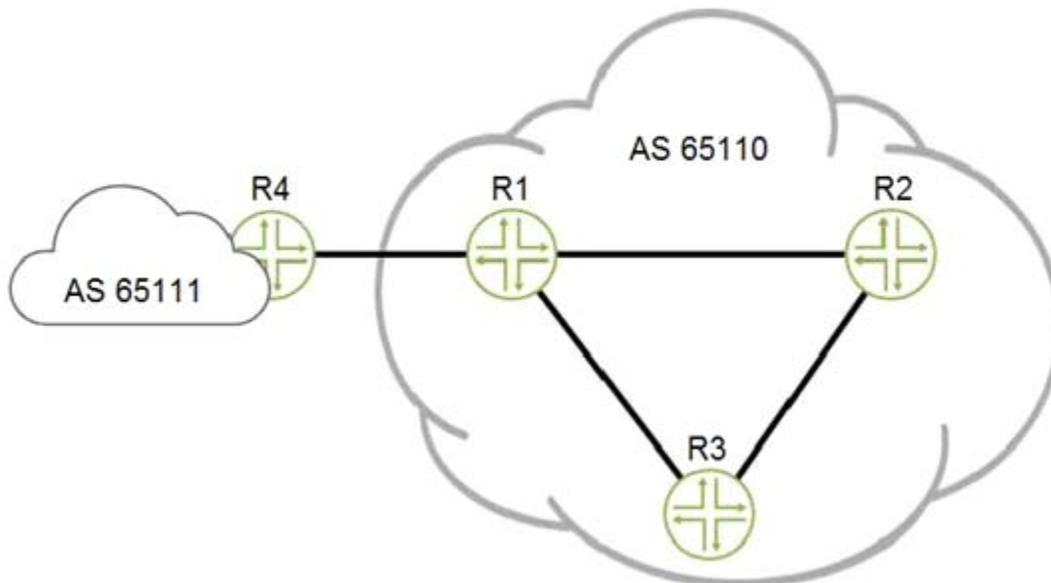
- A. All routers form an adjacency only with the BDR
- B. All routers form an adjacency only with the DR
- C. All routers form an adjacency with all other routers
- D. All routers form an adjacency with both the DR and BDR

Answer: D

Reference: <https://sites.google.com/site/amitsciscozone/home/juniper-junos/junos--ospf-designated-router>

Question: 2

Click the Exhibit button.



Referring to the exhibit, which two statements are true? (Choose two.)

- A. The BGP peering between R1 and R4 should use loopback interface addresses
- B. The BGP peering between R1 and R4 should use physical interface addresses
- C. The BGP peerings between R1, R2, and R3 should use loopback interface addresses
- D. The BGP peerings between R1, R2, and R3 should use physical interface addresses

Answer: BC

Question: 3

Click the Exhibit button.

```
[edit protocols]
user@router# show
isis {
    interface ge-0/0/0.0;
}
```

Referring to the exhibit, which statement about the IS-IS interface is true?

- A. The ge-0/0/0.0 interface will act as an L1/L2 interface
- B. The ge-0/0/0.0 interface will act as an L2 interface only
- C. The ge-0/0/0.0 interface will act as an L1 interface only
- D. The ge-0/0/0.0 interface will not be assigned to a level

Answer: A

Question: 4

Click the Exhibit button.

```
user@router> show route 10.100.110.1 hidden detail

inet.0: 33 destinations, 33 routes (22 active, 0 holddown, 11 hidden)
10.100.110.0/24 (1 entry, 0 announced)
  BGP Preference: 170/-101
    Next hop type: Unusable, Next hop index: 0
    Address: 0xc3ca334
    Next-hop reference count: 11
    State: <Hidden Int Ext>
    Local AS: 65514 Peer AS: 65514
    Age: 13
    Validation State: unverified
    Task: BGP_65514.192.168.0.2
    AS path: 65511 I
    Accepted
    Localpref: 100
    Router ID: 192.168.0.2
```

Referring to the exhibit, why is the route hidden?

- A. The wrong BGP address family is enabled for the BGP session

- B. The route has yet to be verified
- C. The protocol next hop is not reachable
- D. The MPLS LSP to the 192.168.0.2 peer is down

Answer: C

Question: 5

Click the Exhibit button.

```
[edit]
user@r1# show protocols mpls
no-cspf;
label-switched-path r1-to-r3 {
    to 192.168.100.1;
    bandwidth 500m;
}
```

Referring to the exhibit, which statement is true?

- A. The router will attempt to signal the LSP along the IGP shortest path to 192.168.100.1
- B. The router will prune links with insufficient bandwidth from the path before beginning the signaling process
- C. The router will analyze the traffic engineering database to determine the best path through the network
- D. The router will precalculate a valid path through the network for LSP r1-to-r3

Answer: A