



JN0-663^{Q&As}

Service Provider Routing and Switching, Professional (JNCIP-SP)

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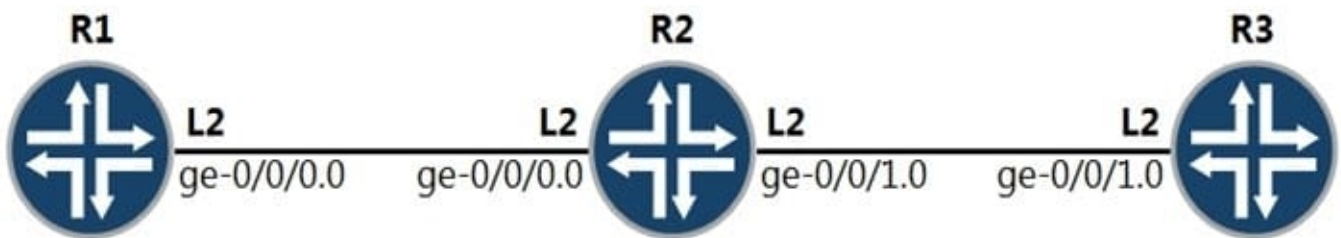
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**QUESTION 1**

```
user@R2# show protocols isis
level 1 disable;
interface ge-0/0/0.0;
interface ge-0/0/1.0 {
    level 2 metric 300;
}
```



```
user@R1# show protocols isis
level 1 disable;
interface ge-0/0/0.0;
```

```
user@R3# show protocols isis
level 1 disable;
interface ge-0/0/1.0;
```

AREA 49.0001

Referring to the exhibit, what will the IS-IS cost be for R1 to reach R3?

- A. 73
- B. 20
- C. 301
- D. 310

Correct Answer: D

QUESTION 2



```
user@host> show pim join 234.100.0.1 extensive
Instance: PIM.master Family: INET
R = Rendezvous Point Tree, S = Sparse, W = Wildcard

Group: 234.100.0.1
  Source: 192.168.100.2
  Flags: sparse, spt
  Active upstream interface: ge-1/0/0.0
  Active upstream neighbor: 192.168.101.2
  MoFRR Backup upstream interface: ge-1/0/1.0
  MoFRR Backup upstream neighbor: 192.168.102.2
  Upstream state: Join to Source, No Prune to RP
  Keepalive timeout: 300
  Uptime: 00:00:15
  Downstream neighbors:
    Interface: ge-1/2/0.0
      192.168.103.2 State: Join Flags: S Timeout: Infinity
      Uptime: 00:00:15 Time since last Join: 00:00:15
  Number of downstream interfaces: 1
```

Which three statements are true about the show pim join output shown in the exhibit? (Choose three.)

- A. This is a source-specific multicast stream.
- B. The multicast receiver is still using the RP to receive the stream.
- C. The multicast stream has been configured with a backup path to allow for fast reroute.
- D. The multicast stream does not have an RP.
- E. The shortest path to the source is through the RP.

Correct Answer: CDE

QUESTION 3



```
user@host# show protocols ospf
area 0.0.0.6 {
    nssa {
        default-lsa {
            default-metric 10;
            metric-type 1;
            type-7;
        }
    }
no-summaries;
area-range 192.168.16.0/20;
}
```

Referring to the ABR configuration shown in the exhibit, which three statements are correct? (Choose three.)

- A. The ABR advertises a default route to the NSSA using a Type 7 LSA.
- B. The ABR advertises a single Type 3 summary LSA to the backbone area for all Type 1 and Type 2 LSAs in the 192.168.16.0/20 range.
- C. The ABR advertises a Type 5 external LSA to the backbone area for each Type 7 LSA in the NSSA.
- D. The ABR does not summarize any routes within the 192.168.16.0/20 range.
- E. The ABR advertises a single Type 5 external LSA to the backbone area for all Type 7 LSAs in the NSSA.

Correct Answer: ABC

QUESTION 4

```
user@router> show route protocol bgp

inet.0: 562 destinations, 565 routes (558 active, 0 holddown, 5 hidden)
+ = Active Route, - = Last Active, * = Both

5.2.0.0/24          *[BGP/170] 1w3d 05:14:15, localpref 10000, from 10.46.190.36
                   AS path: I, validation-state: unverified
                   > to 23.23.23.2 via ae8.0
                   to 1.1.23.2 via ae7.0
                   *[BGP/170] 1w3d 05:14:15, localpref 10000, from 10.46.190.36
                   AS path: I, validation-state: unverified
                   > to 23.23.23.2 via ae8.0
...

```

Referring to the exhibit, which statement is true?

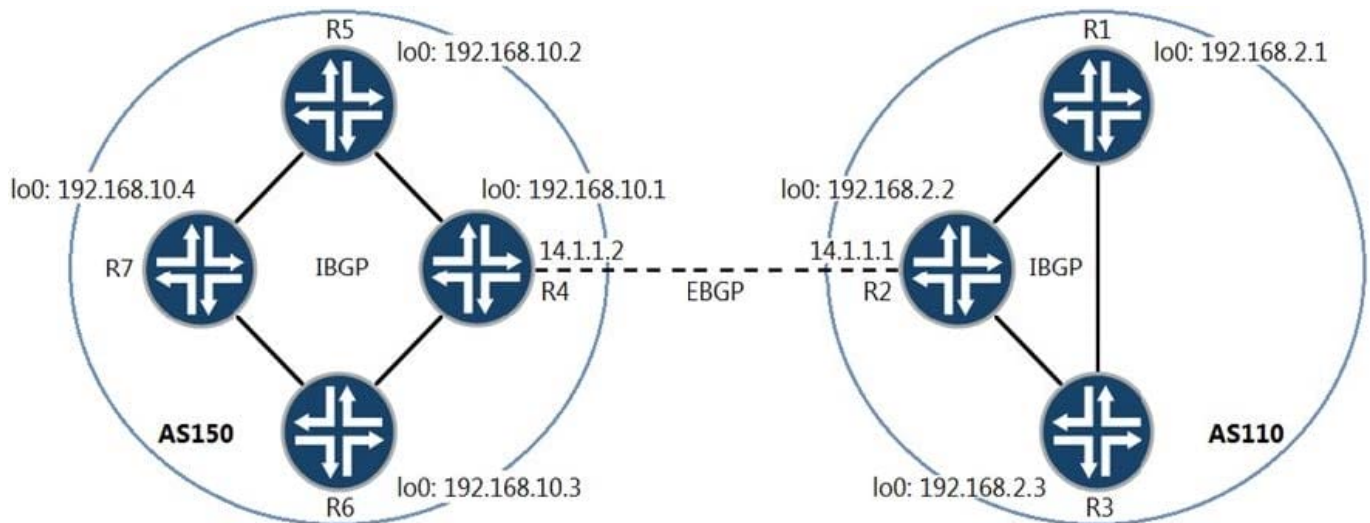
- A. This is a multipath route.



- B. The route is learned from three different neighbors.
- C. This is a multihop route.
- D. The route is learned from only one neighbor.

Correct Answer: C

QUESTION 5



Referring to the exhibit, which two statements are correct for a route advertised by R1 towards R4? (Choose two.)

- A. The BGP next hop is set to 14.1.1.1 by R2.
- B. The AS path is set to 150 by R2.
- C. The BGP next hop is set to 192.168.2.2 by R2.
- D. The AS path is set to null by R2.

Correct Answer: AD