

ISLEVER

JN0-661

Service Provider Routing and Switching

DEMO

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QUESTION 1

```
[edit protocols ospf area 0.0.0.2]  
user@router# show  
area-range 0.0.0.0/1 restrict;  
interface ge-0/0/1.0;
```

You have an OSPF area configured as shown in the exhibit. Which two statements are true? (Choose two.)

- A. The 30.0.0.0/8 prefix will not be advertised to Area 0 as a Type 3 LSA.
- B. The 200.0.0.0/8 prefix will not be advertised to Area 0 as a Type 3 LSA.
- C. To be effective, the configuration must be used on an ASBR router.
- D. To be effective, the configuration must be used on an ABR router.

Answer: AD

QUESTION 2

Which OSPFv3 router ID is valid?

- A. 192.168.1.1
- B. ::192.168.1.1
- C. 0.0.0.0
- D. 2008:db8::1

Answer: A

QUESTION 3

```
user@R1> show ospf interface detail
Interface State Area DR ID BDR ID Nbcs
xe-0/0/1.0 BDR 0.0.0.0 2.169.37.12 11.244.245.215 1
Type LAN, address 192.161.27.11, Mask 255.255.255.248, MTU 4460, Cost
40 DR addr 192.161.37.12, BDR addr 192.168.37.11, Adj count 1, Priority
128 Hello 10, Dead 40, ReXmit 5, Not Stub
fe-0/2/1.0 PtToPt 0.0.0.0 0.0.0.0 0.0.0.0
Type P2P, Address 0.0.0.0, Mask 0.0.0.0, MTU 1500, Cost 2604 Adj count
0
Hello 10, Dead 40, ReXmit 5, Not stub
Auth type: MDS, Active key ID 3, Start time 2013 Jul 19 10:00:00 PST
IPsec SA Name: sa
```

```
user@R2> show ospf interface detail
Interface State Area DR ID BDR ID Nbcs
xe-1/1/1.0 BDR 0.0.0.0 192.168.37.12 11.244.245.216 1
Type LAN, address 192.161.27.12, Mask 255.255.255.248, MTU 4460, Cost
40 DR addr 192.161.37.12, BDR addr 192.168.37.11, Adj count 1, Priority
128 Hello 3, Dead 9, ReXmit 5, Not stub
fe-2/2/2.0 PtToPt 0.0.0.0 0.0.0.0 0.0.0.0
Type P2P, address 0.0.0.0, Mask 0.0.0.0, MTU 1500, Cost 2604 Adj count
0
Hello 10, Dead 40, ReXmit 5, Not Stub
Auth type: MDS, Active key ID 3, Start time 2013 Jul 19 10:00:00 PST
IPsec SA Name: sa
```

- A. There is a mismatch in the dead interval parameter between routers R1 and R2.
- B. There is a mismatch in the hold timer parameter between routers R1 and R2.
- C. There is a mismatch in the hello interval parameter between routers R1 and R2.
- D. There is a mismatch in the poll interval parameter between routers R1 and R2.

Answer: AC

QUESTION 4

```
[edit]
lab@r1# show protocols

ospf3 {
  area 0.0.0.0 {
    interface lo0.0;
    interface ge-1/0/6.0;
    interface ge-1/0/7.0;
  }
}
```

```
lo0 = 172.16.100.1/32
fc00:1000::1/128
```

```
[edit]
lab@r2# show protocols
```

```
ospf3 {
  area 0.0.0.0 {
    interface lo0.0;
    interface ge-1/1/7.0;
    interface ge-1/1/6.0;
  }
}
```

You must ensure that r1's IPv4 loopback address exists in r3's inet 0 routing table.

Referring to the exhibit, which statement is true?

- A. An IPv4 unicast realm can be enabled on each router.
- B. A policy can be configured on r1 to redistribute 172.16.100.1/32 into OSPFv2, which would cause r3 to eventually learn the route and place it into inet 0.
- C. A RIB group can be configured on r3 to copy that route into inet 0 because 172.16.100.1/32 exists in r3's inet6.0 table.
- D. A policy can be configured on r1 to redistribute 172.16.100.1/32 into OSPFv3, which would cause r3 to eventually learn the route and place it into inet 0.

Answer: C

QUESTION 5

You have configured an OSPF stub area. The routes in the stub area require external reachability. Which statement explains how OSPF meets this requirement?

- A. The ABR will generate a 0.0.0.0/0 default route in the area.
- B. The ABR will flood Type 5 LSAs into the area.
- C. The ABR will flood Type 7 LSAs into the area.
- D. The ABR will generate a 0.0.0.0/0 default route in the area.

Answer: D