



JN0-663^{Q&As}

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

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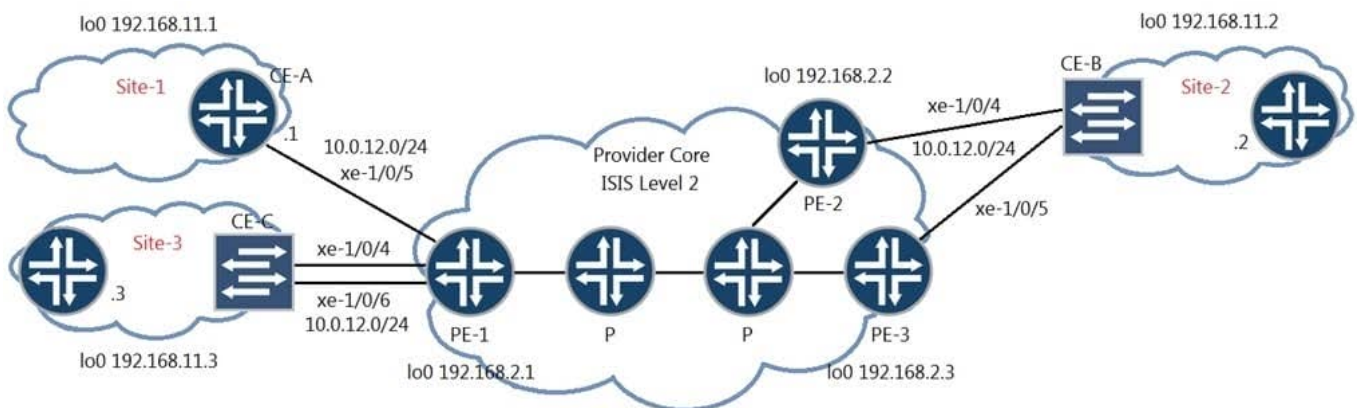
QUESTION 1

What is the purpose of the cluster-list attribute within a BGP route reflector group?

- A. to disable internal cluster re-advertisements
- B. to facilitate loop detection within the route reflector network
- C. to define the router that first advertised the route to the route reflector
- D. to override the router ID value within the cluster

Correct Answer: B

QUESTION 2



You have the LDP signaled VPLS topology as shown in the exhibit. CE-B at Site-2 is multihomed to both PE-2 and PE-3.

In this scenario, where would you configure loop prevention?

- A. PE-1
- B. CE-B
- C. PE-3
- D. PE-2

Correct Answer: A

QUESTION 3



```
user@router# run show class-of-service rewrite-rule name
traffic-class
rewrite rule: traffic-class, code point type: exp, index:
58866
Forwarding class          Loss Priority      Code Point
best-effort               low                000
best-effort               high               001
expedited-forwarding     low                111
expedited-forwarding     high               011
assured-forwarding       low                100
assured-forwarding       high               101
network-control          low                110
network-control          high               111
```

Your router should be configured with a rewrite rule which alters the default behavior of expedited forwarding as shown in the exhibit.

In this scenario, which configuration is correct?



- Ⓐ
- ```
[edit class-of-service]
user@router# show
rewrite-rules {
 exp traffic-class {
 import best-effort;
 import assured-forwarding;
 import network-control;
 forwarding-class expedited-forwarding {
 loss-priority low code-point 111;
 }
 }
}
```
- Ⓑ
- ```
[edit class-of-service]
user@router# show
rewrite-rules {
  exp traffic-class {
    import rewrite-rule best-effort;
    import rewrite-rule expedited-forwarding;
    import rewrite-rule assured-forwarding;
    import rewrite-rule network-control;
    forwarding-class expedited-forwarding {
      loss-priority low code-point 111;
    }
  }
}
```



C.

```
[edit class-of-service]
user@router# show
rewrite-rules {
    exp traffic-class {
        import best-effort;
        import assured-forwarding;
        import expedited-forwarding;
        import network-control;
    }
}
```

D.

```
[edit class-of-service]
user@router# show
rewrite-rules {
    exp traffic-class {
        import default;
        forwarding-class expedited-forwarding {
            loss-priority low code-point 111;
        }
    }
}
```

A. Option A

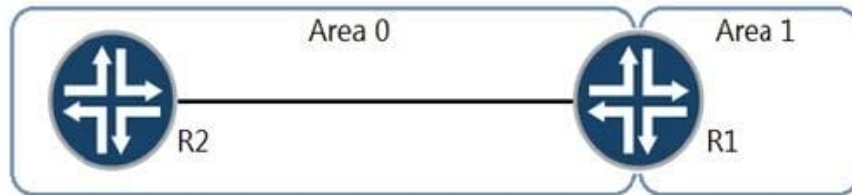
B. Option B

C. Option C

D. Option D

Correct Answer: D

QUESTION 4



```
users@R1> show ospf3 database inter-area-prefix detail
```

```
OSPF3 database, Area 0.0.0.0
Type      ID          Adv Rtr      Seq          Age    Cksum    Len
InterArPfx 0.0.0.11    172.16.1.1  0x80000001   4     0xaa9a   36
  Prefix 2001:db9:ffff:ff00::/64
  Prefix-options 0x0, Metric 0
InterArPfx 0.0.0.12    172.16.1.1  0x80000001   4     0x8c6e   44
  Prefix 2001:db9:ffff:ff00::1/128
  Prefix-options 0x0, Metric 0
InterArPfx 0.0.0.13    172.16.1.1  0x80000001   4     0xa899   36
  Prefix 2001:db9:ffff:ff01::/64
  Prefix-options 0x0, Metric 0
InterArPfx 0.0.0.14    172.16.1.1  0x80000001   4     0x8a6d   44
  Prefix 2001:db9:ffff:ff01::1/128
  Prefix-options 0x0, Metric 0
InterArPfx 0.0.0.15    172.16.1.1  0x80000001   4     0xa698   36
  Prefix 2001:db9:ffff:ff02::/64
  Prefix-options 0x0, Metric 0
InterArPfx 0.0.0.16    172.16.1.1  0x80000001   4     0x886c   44
  Prefix 2001:db9:ffff:ff02::1/128
  Prefix-options 0x0, Metric 0
InterArPfx 0.0.0.17    172.16.1.1  0x80000001   4     0xa497   36
  Prefix 2001:db9:ffff:ff03::/64
  Prefix-options 0x0, Metric 0
InterArPfx 0.0.0.18    172.16.1.1  0x80000001   4     0x866b   44
  Prefix 2001:db9:ffff:ff03::1/128
  Prefix-options 0x0, Metric 0
```

Referring to the exhibit, which command would reduce the size of the OSPF database and corresponding routes?



- A.

```
user@R1# show protocols ospf3
area 0.0.0.1 {
    area-range 2001:db9:ffff:ff00::/62;
}
```
- B.

```
user@R1# show policy-options policy-statement summary-2001
term 10 {
    from {
        route-filter 2001:db9:ffff:ff00::/62 prefix-length-range /64-/128;
    }
    then accept;
}
user@R1# show protocols ospf3
area 0.0.0.0 {
    inter-area-prefix-import summary-2001;
}
```
- C.

```
user@R1# show policy-options policy-statement summary-2001
term 10 {
    from {
        route-filter 2001:db9:ffff:ff00::/62 prefix-length-range /64-/128;
    }
    then accept;
}
user@R1# show protocols ospf3
area 0.0.0.1 {
    inter-area-prefix-export summary-2001;
}
```
- D.

```
user@R1# show protocols ospf3
area 0.0.0.1 {
    stub no-summaries;
}
```

A. Option A

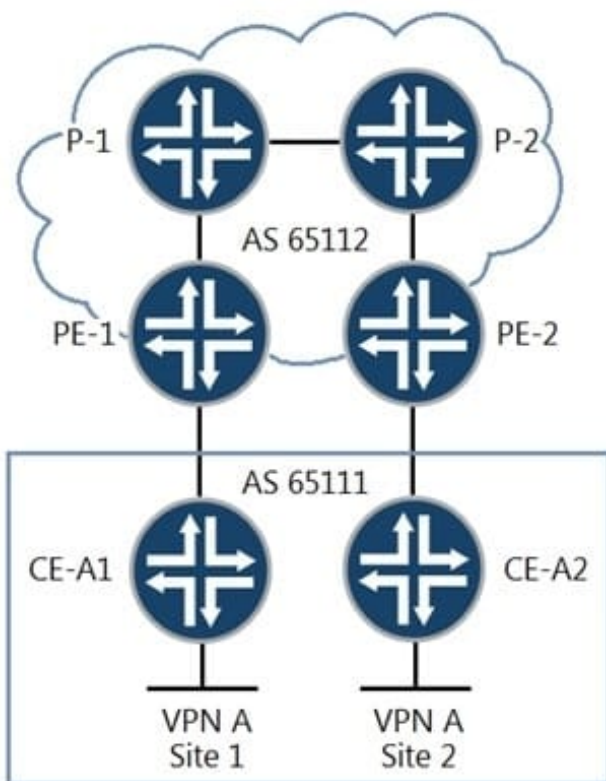
B. Option B

C. Option C

D. Option D

Correct Answer: A

QUESTION 5



```
[edit routing-instances CE-A1]
user@PE-1# show
instance-type vrf;
interface ge-0/0/9.0;
route-distinguisher 10.222.222.3:2;
vrf-target target:65511:101;
protocols {
  bgp {
    group CE-A1 {
      type external;
      peer-as 65111;
      neighbor 192.168.0.2;
    }
  }
}
```

```
[edit routing-instances CE-A2]
user@PE-2# show
instance-type vrf;
interface ge-0/0/9.0;
route-distinguisher 10.222.222.3:2;
vrf-target target:65511:101;
protocols {
  bgp {
    group CE-A2 {
      type external;
      peer-as 65111;
      neighbor 192.168.6.2;
    }
  }
}
```

Referring to the exhibit, hosts in Site 1 and Site 2 are unable to communicate with each other through the Layer 3 VPN.

What is the problem?

- A. The two sites are in the same AS.
- B. The two sites are using the same instance type.
- C. The two sites are using the same route target.
- D. The two sites are using the same route distinguisher.

Correct Answer: A