Vendor: Juniper

Exam Code: JN0-664

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

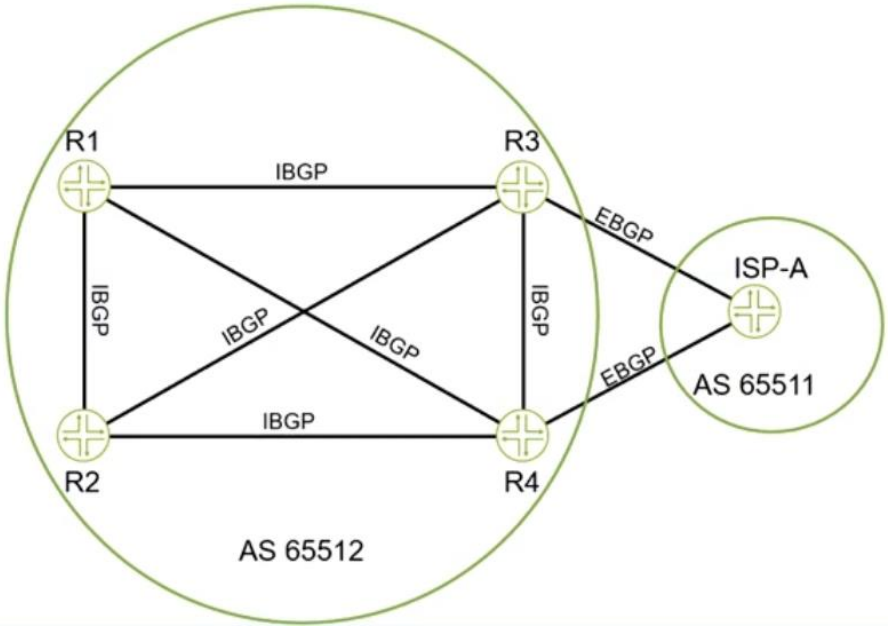
Version: DEMO

QUESTION 1
You are configuring schedulers to define the class-of-service properties of output queues. You want to control packet drops during periods of congestion.
In this scenario, which CoS configuration parameter would be used to accomplish this task?

A. buffer size
B. priority
C. shaping rate
D. drop profile

Answer: D

QUESTION 2
Referring to the exhibit, which two statements are correct about BGP routes on R3 that are advertised to R1? (Choose two.)



A. By default, the next-hop value for these routes is not changed by R3 before being sent to R1.
B. By default, the next-hop value for these routes is changed by R3 before being sent to R1.
C. By default, the BGP local-preference value that is assigned on R3 is advertised to R1.
D. By default, all BGP attributes values must be removed before advertising the routes to R1.

Answer: AC

QUESTION 3
You want to ensure that a single-area OSPF network will be loop free.
In this scenario, what are two requirements that satisfy this requirement? (Choose two.)

A. The DR/BDR ensures that each node within an area has the same information in their LSDBs.
B. The Shortest Path First algorithm must prune looped paths.
C. Nodes within an area must connect in a full mesh.

D. All nodes within an area must have the same information in their LSDBs.

Answer: BD

QUESTION 4
You are asked to exchange routes between R1 and R4 as shown in the exhibit. These two routers use the same AS number.
Which two steps will accomplish this task? (Choose two.)

A. Configure the BGP group with the advertise-peer-as parameter on R2 and R3.
B. Configure the BGP group with the as-override parameter on R1 and R4.
C. Configure the BGP group with the advertise-peer-as parameter on R1 and R4.
D. Configure the BGP group with the as-override parameter on R2 and R3.

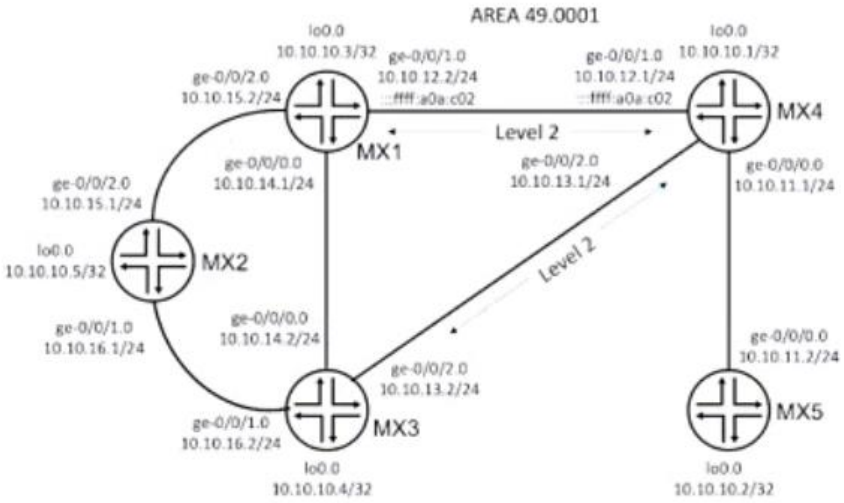
Answer: CD

QUESTION 5
A router running IS-IS is configured with an ISO address of 49.0001.00a0.c96b.c490.00.
Which part of this address is the system ID?

A. c96b.c490 is the system identifier.
B. c490 is the system identifier.
C. 00a0.c96b.c490 is the system identifier.
D. 0001.00a0.c96b.c490 is the system identifier.

Answer: C

QUESTION 6
A network is using IS-IS for routing.
In this scenario, why are there two TLVs shown in the exhibit?



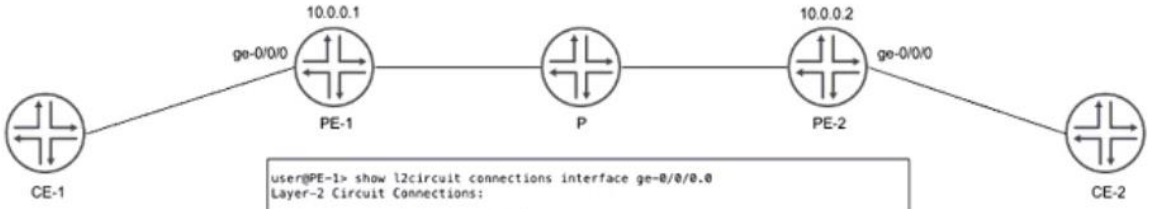

```
user@MX1> show isis interface ge-0/0/1
IS-IS interface database:
Interface L        CirID       Level 1 DR       Level 2 DR              L1/L2 Metric
ge-0/0/0/0         2           0x1          Disabled Point to Point       10/100
```

```
user@MX1> show isis database MX1 extensive | find TLV | match 10.100.12.0/24
  IP prefix: 10.100.12.0/24, Internal, Metric: defaut 63, Up
  IP extended prefix: 10.100.12.0/24 metric 63 up
```

A. There are both narrow and wide metric devices in the topology.
B. Both IPv4 and IPv6 are being used in the topology.
C. Wide metrics have specifically been requested.
D. The interface specified a metric of 100 for L2.

Answer: A

QUESTION 7
PE-1 and PE-2 are configured with LDP-signaled pseudowires to provide connectivity between CE-1 and CE-2. You notice no connectivity exists between CE-1 and CE-2.
Referring to the exhibit, which two statements describe potential causes for this fault? (Choose two.)




```
user@PE-1> show l2circuit connections interface ge-0/0/0.0
Layer-2 Circuit Connections:

Legend for connection status (St)
EI -- encapsulation invalid      NP -- interface h/w not present
MM -- mtu mismatch               Dn -- down
EM -- encapsulation mismatch     VC-Dn -- Virtual circuit Down
CM -- control-word mismatch      Up -- operational
VM -- vlan id mismatch           CF -- Call admission control failure
OL -- no outgoing label          IB -- TDM incompatible bitrate
NC -- intf encaps not CCC/TCC    TM -- TDM misconfiguration
BK -- Backup Connection          ST -- Standby Connection
CB -- rcvd cell-bundle size bad  SP -- Static Pseudowire
LD -- local site signaled down   RS -- remote site standby
RD -- remote site signaled down  HS -- Hot-standby Connection
XX -- unknown

Legend for interface status
Up -- operational
Dn -- down
Neighbor: 10.0.0.2
    Interface                 Type  St     Time last up          # Up trans
    ge-0/0/0.0(vc 5748)       rmt   OL
```

A. There is no LSP configured from PE-1 to PE-2.
B. Interface ge-0/0/0 on PE-1 is down.
C. The VC IDs are mismatched.
D. There is no LSP configured from PE-2 to PE-1.

Answer: AD

QUESTION 8
Which two statements are correct about reflecting inet-vpn unicast prefixes in BGP route reflection? (Choose two.)

A. Clients add their originator ID when advertising routes to their route reflector.
B. Route reflectors add their cluster ID to the AS path when readvertising client routes.
C. Route reflectors do not change any existing BGP attributes by default when advertising routes.
D. A BGP peer does not require any configuration changes to become a route reflector client.

Answer: CD

QUESTION 9
Which three statements about IS-IS in a multi-area network are correct? (Choose three.)

A. Internal L1 PDUs are flooded to all L1 routers in other areas.
B. External L2 PDUs are only flooded to the local area's L2 routers.
C. Internal L1 PDUs are flooded to the local area's L2 routers.
D. External L2 PDUs are flooded to all L2 routers in other areas.
E. Internal L1 PDUs are only flooded to the local area's L1 routers.

Answer: CDE

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