



Vendor: Juniper

Exam Code: JN0-647

Exam Name: Enterprise Routing and Switching,
Professional (JNCIP-ENT)

Version: DEMO

QUESTION 1

Your campus EX9200 core devices are highly oversubscribed on bandwidth and reporting massive dropped packets. To immediately address the issue, you decide to implement shaping on all interfaces.

Which action will accomplish?

- A. Apply the input-shape-rate 5G parameter to all interfaces under the [edit class-of service] hierarchy.
 - B. Define a CoS input traffic control profile with the shape-rate 5G parameter and apply it to all interfaces.
 - C. Define a CoS output traffic control profile with the shape-rate 5G parameter and apply it to all interfaces.
 - D. Apply the shape-rate 5G parameter to all interfaces under the [edit class-of service] hierarchy.]
- Answer: C

Answer:

QUESTION 2

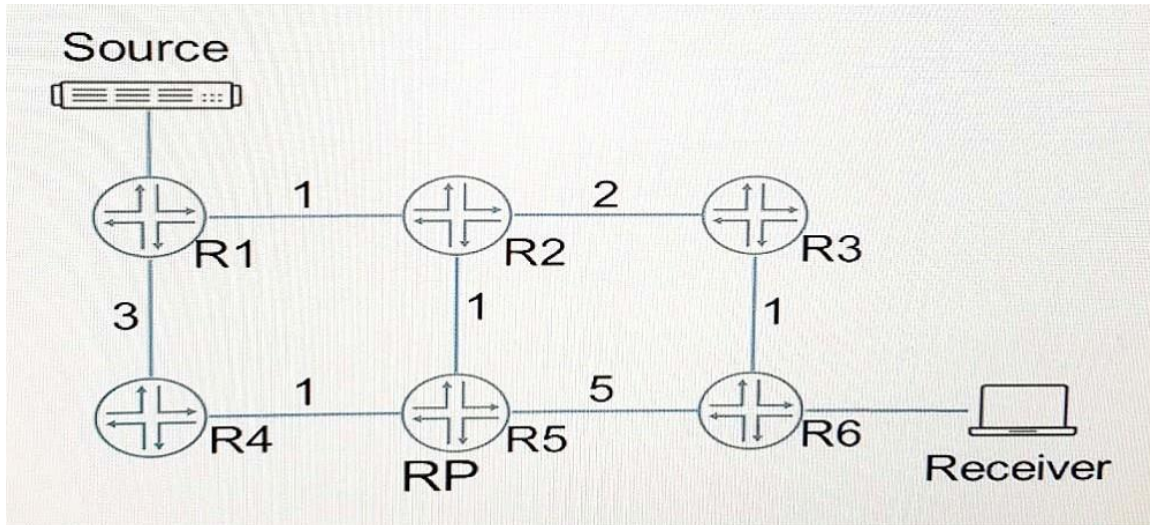
What allows non-Web enabled devices to access the network on a port configured for captive portal?

- A. A MAC address white list can be configured on the switch to allow specific MAC addresses to bypass the captive portal process.
- B. LLDP can be used to query the type of device that is attempting to access the network, and predefined device types can be allowed to bypass the captive portal process.
- C. Captive portal can be configured to only prompt for credentials when HTTP or HTTPS traffic is requested on a port to allow on-HTTP enabled devices access to the network.
- D. Authentication credentials for specific devices can be preconfigured on the switch for automatic authentication.

Answer: A

QUESTION 3

Click the Exhibit.



You have deployed sparse-mode multicast in your network using the IGP metrics shown in the exhibit.

Which path will (*, G) traffic follow from the source to the receiver before the (S, G) state is registered?

- A. Source, R1, R4, R5, R6, Receiver
- B. Source, R1, R2, R5, R2, R3, R6 Receiver
- C. Source, R1, R2, R3, R6, Receiver
- D. Source, R1, R2, R5, R6, Receiver

Answer: B

QUESTION 4

Click the Exhibit.

```

user@R1> show ospf neighbor
Address      Interface    State      ID          Pri        Dead
10.222.0.21  ge-0/0/12.0 Full       10.222.1.4  128        34
10.222.0.13  ge-0/0/1.0  ExStart    10.222.1.3  128        31

user@R1> show ospf interface ge-0/0/1.0 detail
Interface    State      Area      DR ID      BDR ID
Nbrs
ge-0/0/1.0   BDR       0.0.0.1   10.222.1.3 10.222.1.5
1
Type: LAN, Address: 10.222.0.13, Mask: 255.255.255.252, MTU: 1500, Cost: 1

user@R2> show ospf interface ge-0/0/6.0 detail
Interface    State      Area      DR ID      BDR ID
Nbrs
ge-0/0/1.0   BDR       0.0.0.1   10.222.1.5 10.222.1.3
1
Type: LAN, Address: 10.222.0.13, Mask: 255.255.255.252, MTU: 1500, Cost: 1
    
```

You are troubleshooting an OSPF adjacency issue between R1 and R2.

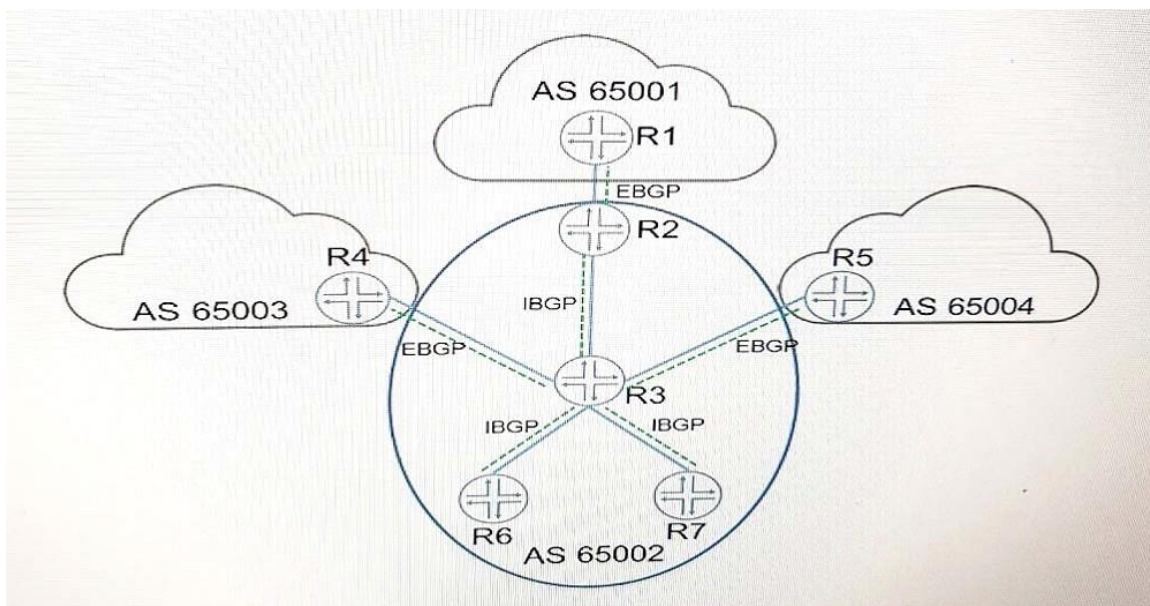
What is the reason for the ExStart state shown in the exhibit?

- A. R2 was elected as the designated router.
- B. R1 was elected as the backup designated router.
- C. R1 and R2 are using the same IP address.
- D. The MTU is not the default on R1 and R2.

Answer: C

QUESTION 5

Click the Exhibit.



Router R1, in peer AS 65001, advertises routes to R2 using EBGP. R2 advertises the routes learned from R1 to R3 using IBGP.

Referring to the exhibit, to which routers will R3 advertise the BGP routes received from R2?

- A. R6, R7
- B. R4, R5, R6, R7
- C. R4, R5
- D. R2, R4, R5, R6, R7

Answer: C

QUESTION 6

Click the Exhibit.

```

user@R1> show ospf database extensive
OSPF link state database, area 0.0.0.100
Type      ID                Adv Rtr          Seq            Age      Opt    Cksum      Len
Router    10.100.1.1          10.100.1.1      0x80000531     166      0x22    0xfc35     36
Bits 0x2, link count 1
Id 10.100.0.2, data 10.100.0.1, Type Transit (2)
TOS count 0, TOS 0 metric 10
Aging timer 00:57:13
Installed 00:02:42 ago, expires in 00:57:14, sent 00:02:40 ago
Router 192.168.129.200 192.168.129.200 0x8000015a     548      0x2     0x517e     84
Bits 0x2, link count 5
Id 192.168.128.0, data 255.255.255.0, Type Stub (3)
TOS count 0, TOS 0 metric 1
Id 10.100.0.2, data 10.100.0.2, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 10.100.2.1, data 10.100.2.1, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 10.100.3.1, data 10.100.3.1, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 192.168.129.0, data 255.255.255.0, Type Stub (3)
TOS count 0, TOS 0 metric 1
Aging timer 00:50:51
Installed 00:09:05 ago, expires in 00:50:52, sent 00:09:03 ago
Router *192.168.135.138 192.168.135.138 0x800001c3     2687     0x2     0x2b08     60
Bits 0x0, link count 3
Id 10.100.3.1, data 10.100.3.2, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 10.100.2.1, data 10.100.2.2, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 192.168.135.138, data 255.255.255.0, Type Stub (3)
TOS count 0, TOS 0 metric 0
Gen timer 00:05:12
Aging timer 00:15:12
Installed 00:44:47 ago, expires in 00:15:13, sent 00:44:45 ago
Ours

```

Referring to the exhibit, which statement is true?

- A. R1 is an ASBR.
- B. R1 has the B bit set.
- C. R1 is a backbone router.
- D. R1 is an ABR.

Answer: A

QUESTION 7

Which two statements are true about PIM source-specific multicast (SSM)? (Choose two.)

- A. The receiver DR builds a source-base tree to the RP.
- B. S, G is always used.
- C. A Different group address must be used by each source.
- D. IGMPv3 is required.

Answer: BD

QUESTION 8

Click the Exhibit.

```
user@switch-1> show spanning-tree mstp configuration
MSTP information
Context identifier      : 0
Region name             : L2-MSTP
Revision                : 1
Configuration digest    : 0x8edc0c323967409ec011c3858a3802cf

MSTI member VLANs
0 0-10, 13-14, 16-4094
1 11, 15
2 12

user@switch-2> show spanning-tree mstp configuration
MSTP information
Context identifier      : 0
Region name             : L2-MSTP
Revision                : 1
Configuration digest    : 0xbe0284d20f4d46a8da239674094f78a

MSTI member VLANs
0 0-10, 13-4094
1 11
2 12
```

You are configuring MSTP to prevent loops in your Layer 2 network. After applying the configuration, you notice that MSTO is not working correctly.

Referring to the exhibit, what is causing the problem?

- A. Too many VLANs have been defined.
- B. Context identifier must be specified.
- C. MSTI-to-VLAN mappings must be the same.
- D. Incorrect revision number is used.

Answer: C

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