JN0-694 Q&As

Enterprise Routing and Switching Support, Professional (JNCSP-ENT)

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QUESTION 1

-- Exhibit -user@R1> show bgp neighbor 172.10.3.201 Peer: 172.10.3.201+54714 AS 64512 Local: 172.10.3.202+179 AS 64513 Type: External State: Established Flags: Last State: OpenConfirm Last Event: RecvKeepAlive Last Error: None Export: [export] Options: Local Address: 172.10.3.202 Holdtime: 90 Preference: 170 Local AS: 64513 Local System AS: 0 Number of flaps: 0 Peer ID. 10.247.194.254 Local ID. 10.247.24.6 Active Holdtime: 90 Keepalive Interval: 30 Peer index: 0 BFD. disabled, down Local Interface: ge-0/0/0.500 NLRI for restart configured on peer: inet-unicast NLRI advertised by peer: inet-unicast NLRI for this session: inet-unicast Peer supports Refresh capability (2) Restart time configured on the peer: 120 Stale routes from peer are kept for: 300 Restart time requested by this peer: 120 NLRI that peer supports restart for: inet-unicast NLRI that restart is negotiated for: inet-unicast NLRI of received end-of-rib markers: inet-unicast NLRI of all end-of-rib markers sent: inet-unicast Peer supports 4 byte AS extension (peer-as 64512) Peer does not support Addpath Table inet.0 Bit: 30000 RIB State: BGP restart is complete RIB State: VPN restart is complete Send state: in sync Active prefixes: 7 Received prefixes: 7 Accepted prefixes: 7 Suppressed due to damping: 0 Advertised prefixes: 30 Last traffic (seconds): Received 5 Sent 18 Checked 8 Input messages: Total 40 Updates 3 Refreshes 0 Octets 877 Output messages: Total 55 Updates 13 Refreshes 0 Octets 1764 Output Queue[2]: 0 -- Exhibit -

Click the Exhibit button.

A customer reports that BGP graceful restart is not working on R1. After a Routing Engine failover, R1 did not set the restart state bit in its Open message. The customer provides the BGP neighbor output shown in the exhibit.

Referring the exhibit, what is causing this problem?

A. BGP graceful restart is not enabled on R1.

B. BGP graceful restart is not enabled on the peer device.

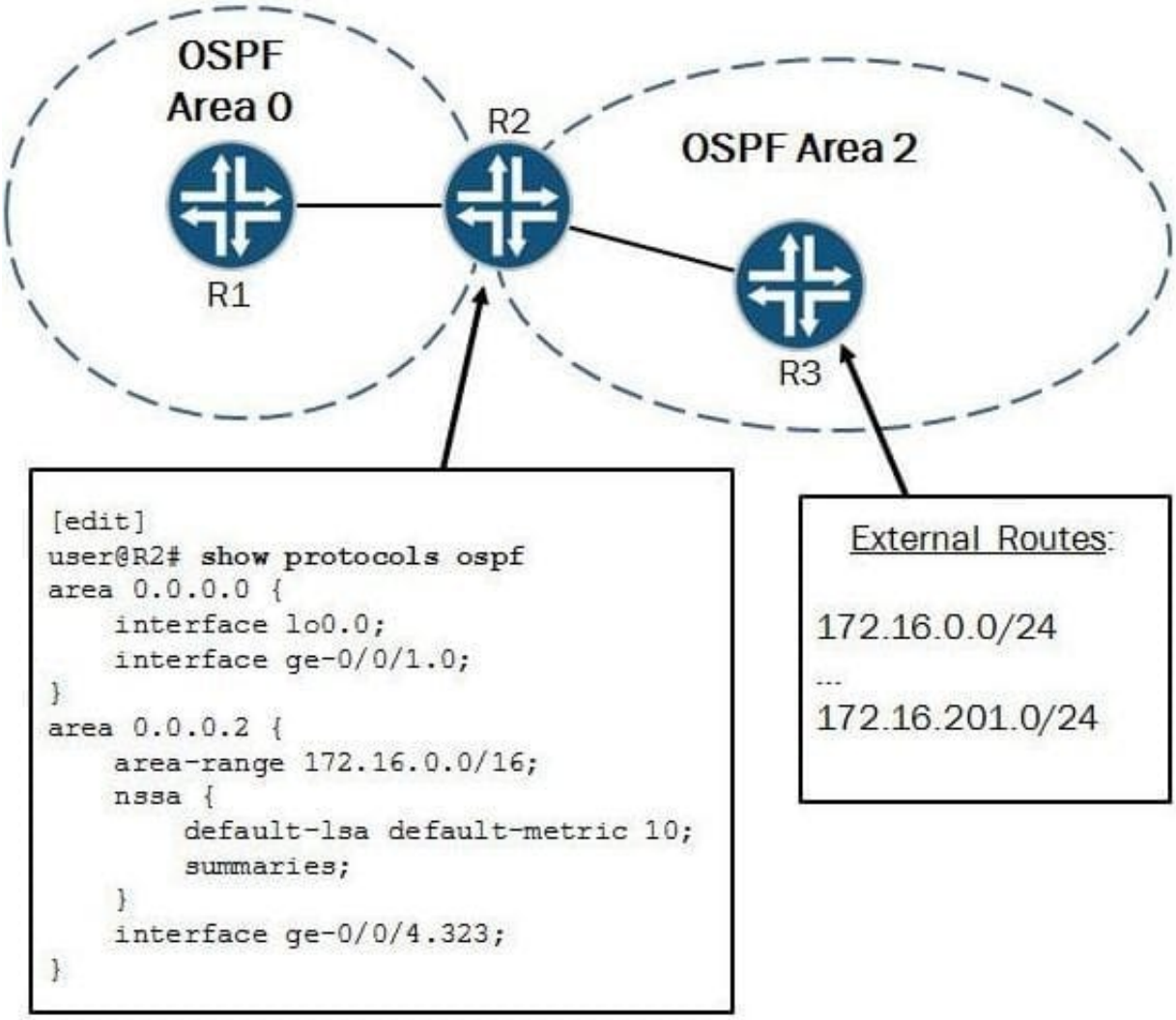
C. The restart duration time is not configured on R1.

D. The restart duration time is not configured on the peer device.

Correct Answer: A

QUESTION 2

You are troubleshooting a problem where external routes are not being summarized into the OSPF backbone.



Referring to the exhibit, what needs to be done to resolve this problem?

A. The area-range parameter needs to be under Area 0.

B. The area-range parameter needs to be under the nssa hierarchy.

C. The summaries parameter needs to be removed under the/issa hierarchy.

D. The area-range parameter must include the override-metric parameter.

Correct Answer: B

QUESTION 3

-- Exhibit -Jun 12 02:56:06 R1 rpd[60735]: RPD_OSPF_NBRDOWN: OSPF neighbor 10.50.10.25 (realm ospf-v2 fe0/0/4.0 area 0.0.0.0) state changed from Full to Init due to 1WayRcvd (event reason: neighbor is in one-way mode) Jun 12 02:59:36 R1 rpd[60735]: RPD_OSPF_NBRUP: OSPF neighbor 10.50.10.25 (realm ospf-v2 fe0/0/4.0 area 0.0.0.0) state changed from Init to ExStart due to 2WayRcvd (event reason: neighbor detected this router) Jun 12 02:59:36 R1 rpd[60735]: RPD_OSPF_NBRUP: OSPF neighbor 10.50.10.25 (realm ospf-v2 fe0/0/4.0 area 0.0.0.0) state changed from Exchange to Full due to ExchangeDone (event reason: DBD exchange of slave completed) -- Exhibit -

Click the Exhibit button.

You notice that there is a problem with the OSPF adjacency between two routers, R1 and R2. The relevant system logs from R1 are shown in the exhibit.

What would cause this behavior?

A. R2 was dropping R1\\'s OSPF hello packets.

B. R1 was dropping R2\\'s OSPF hello packets.

C. R1\\'s interface went down and came back up.

D. There is an OSPF hello timer mismatch between the two routers.

Correct Answer: A

QUESTION 4

-- Exhibit -user@router# show class-of-service

classifiers {

inet-precedence ipp-test {

import default;

forwarding-class best-effort {

loss-priority low code-points be;

}

forwarding-class expedited-forwarding {

loss-priority low code-points af21;

}

forwarding-class assured-forwarding {

loss-priority low code-points af11;

}

forwarding-class network-control {

loss-priority low code-points nc1;

}

}

}

```
interfaces {
ge-* {
scheduler-map map-test;
unit * {
classifiers {
inet-precedence ipp-test;
}
rewrite-rules {
inet-precedence ipp-rw-test;
inet-precedence default;
}
}
}
}
...
rewrite-rules {
inet-precedence ipp-rw-test {
forwarding-class best-effort {
loss-priority low code-point be;
loss-priority high code-point af21;
}
forwarding-class expedited-forwarding {
loss-priority high code-point af21;
loss-priority low code-point be;
}
forwarding-class assured-forwarding {
loss-priority low code-point af11;
loss-priority high code-point af11;
}
```

forwarding-class network-control {

loss-priority low code-point nc1;

loss-priority high code-point nc1;

}

}

}

user@router> show class-of-service

...

Code point type: inet-precedence

Alias Bit pattern af11 001 af21 010 af31 011 af41 100 be 000 cs6 110 cs7 111 ef 101 nc1 110 nc2 111 -- Exhibit -

Click the Exhibit button.

Traffic with the IP precedence value af21 ingresses the router and should be rewritten with the same value as it egresses; however, this traffic is rewritten to a different value.

Referring to the exhibit, what is the source of this problem?

A. The BA classifier is assigning the traffic to the best-effort queue with a high loss priority.

B. The BA classifier is assigning the traffic to the best-effort queue with a low loss priority.

C. The BA classifier is assigning the traffic to the expedited forwarding queue with a high loss priority.

D. The BA classifier is assigning the traffic to the expedited forwarding queue with a low loss priority.

Correct Answer: D

QUESTION 5

-- Exhibit -user@router# show class-of-service

classifiers {

inet-precedence ipp-test {

import default;

forwarding-class best-effort {

loss-priority low code-points be;

}

forwarding-class expedited-forwarding {

loss-priority low code-points af21;

}

forwarding-class assured-forwarding {

loss-priority low code-points af11;

} forwarding-class network-control { loss-priority low code-points nc1; } } }

user@router# show firewall filter MF { term 1 { from { precedence 0; } then forwarding-class best-effort; } term 2 { from { precedence 5; } then forwarding-class expedited-forwarding; } term 3 { from { precedence 2; } then forwarding-class assured-forwarding; } term 4 { from { precedence 6; } then forwarding-class network-control; } term 5 { then accept; } } user@router> show class-of-service ... Code point type: inet-precedence Alias Bit pattern af11 001 af21 010 af31 011 af41 100 be 000 cs6 110 cs7 111 ef 101 nc1 110 nc2 111 -- Exhibit -

Click the Exhibit button.

Traffic with the IPP value af21 should be assigned to the expedited forwarding queue; however, this traffic is not being assigned to that queue.

Referring to the exhibit, what is causing this behavior?

A. The af21 traffic is assigned to the assured forwarding queue because of the BA classifier.

B. The af21 traffic is assigned to the assured forwarding queue because of the MF classifier.

C. The af21 traffic is assigned to the best effort queue because of the MF classifier.

D. The af21 traffic is assigned to the best effort queue because of the BA classifier.

Correct Answer: B