



# JN0-643<sup>Q&As</sup>

Enterprise Routing and Switching, Professional (JNCIP-ENT)

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**QUESTION 1**

```
-- Exhibit -user@router> show log ospf Sep 19 00:22:13.420315 OSPF packet ignoreD. MTU mismatch from 11.0.0.2 on intf ge-0/0/2.0 area 0.0.0.0 Sep 19 00:22:14.475671 OSPF periodic xmit from 14.0.0.1 to 224.0.0.5 (IFL 75 area 0.0.0.0) Sep 19 00:22:14.855490 OSPF periodic xmit from 12.0.0.1 to 224.0.0.5 (IFL 84 area 0.0.0.0) Sep 19 00:22:14.857304 OSPF packet ignoreD. no matching interface from 12.0.0.1, IFL 85 Sep 19 00:22:17.386726 OSPF packet ignoreD. MTU mismatch from 11.0.0.2 on intf ge-0/0/2.0 area 0.0.0.0 Sep 19 00:22:20.855690 OSPF packet ignoreD. subnet mismatch from 10.0.0.2 on intf ge-0/0/1.0 area 0.0.0.0 Sep 19 00:22:20.856108 OSPF rcvd Hello 10.0.0.2 -> 224.0.0.5 (ge-0/0/1.0 IFL 75 area 0.0.0.0) Sep 19 00:22:20.856177 Version 2, length 44, ID 10.0.0.2, area 0.0.0.0 Sep 19 00:22:20.856229 checksum 0x0, authtype 0 Sep 19 00:22:20.856299 mask 255.255.255.252, hello_ivl 10, opts 0x12, prio 128 Sep 19 00:22:20.856352 dead_ivl 40, DR 0.0.0.0, BDR 0.0.0.0 Sep 19 00:22:21.752438 OSPF packet ignoreD. MTU mismatch from 11.0.0.2 on intf ge-0/0/2.0 area 0.0.0.0 Sep 19 00:22:22.013285 OSPF packet ignoreD. area mismatch (0.0.0.1) from 12.0.0.2 on intf ge-0/0/4.0 area 0.0.0.0 Sep 19 00:22:22.013749 OSPF rcvd Hello 12.0.0.2 -> 224.0.0.5 (ge-0/0/4.0 IFL 84 area 0.0.0.0) Sep 19 00:22:22.013804 Version 2, length 44, ID 10.0.0.2, area 0.0.0.1 Sep 19 00:22:22.013890 checksum 0xd51e, authtype 0 Sep 19 00:22:22.013944 mask 255.255.255.252, hello_ivl 10, opts 0x12, prio 128 Sep 19 00:22:22.014012 dead_ivl 40, DR 12.0.0.2, BDR 0.0.0.0 Sep 19 00:22:22.016909 OSPF packet ignoreD. no matching interface from 12.0.0.2, IFL 85 Sep 19 00:22:22.434956 OSPF hello from 11.0.0.2 (IFL 83, area 0.0.0.0) absorbed Sep 19 00:22:23.045916 OSPF periodic xmit from 12.0.0.1 to 224.0.0.5 (IFL 84 area 0.0.0.0) Sep 19 00:22:23.047959 OSPF packet ignoreD. no matching interface from 12.0.0.1, IFL 85 Sep 19 00:22:23.309957 OSPF periodic xmit from 11.0.0.1 to 224.0.0.5 (IFL 83 area 0.0.0.0) Sep 19 00:22:23.528614 OSPF periodic xmit from 14.0.0.1 to 224.0.0.5 (IFL 75 area 0.0.0.0) Sep 19 00:22:25.772835 OSPF packet ignoreD. MTU mismatch from 11.0.0.2 on intf ge-0/0/2.0 area 0.0.0.0 Sep 19 00:22:29.950015 OSPF hello from 11.0.0.2 (IFL 83, area 0.0.0.0) absorbed Sep 19 00:22:30.622112 OSPF packet ignoreD. MTU mismatch from 11.0.0.2 on intf ge-0/0/2.0 area 0.0.0.0 Sep 19 00:22:30.713279 OSPF packet ignoreD. subnet mismatch from 10.0.0.2 on intf ge-0/0/1.0 area 0.0.0.0 Sep 19 00:22:30.713432 OSPF rcvd Hello 10.0.0.2 -> 224.0.0.5 (ge-0/0/1.0 IFL 75 area 0.0.0.0) Sep 19 00:22:30.713503 Version 2, length 44, ID 10.0.0.2, area 0.0.0.0 Sep 19 00:22:30.713553 checksum 0x0, authtype 0 Sep 19 00:22:30.713622 mask 255.255.255.252, hello_ivl 10, opts 0x12, prio 128 Sep 19 00:22:30.713677 dead_ivl 40, DR 0.0.0.0, BDR 0.0.0.0 -- Exhibit -Click the Exhibit button.
```

Referring to the exhibit, what is preventing the OSPF adjacency on interface ge-0/0/4 from forming?

- A. area mismatch
- B. subnet mismatch
- C. MTU mismatch
- D. authentication mismatch

Correct Answer: A

---

**QUESTION 2**

If your WAN-edge router is multihomed to different ISPs, which two BGP attributes would you modify to affect outbound traffic? (Choose two.)

- A. MED
- B. origin
- C. local preference
- D. community



Correct Answer: BC

---

### QUESTION 3

On your EX Series switch you must configure a delay buffer for the best effort queue scheduler named BE- sch which restricts the buffer usage to only 25 percent of the available buffer size.

Which configuration statement will accomplish this task?

- A. [edit class-of-service schedulers BE-sch] user@switch# set buffer-size buffer-size temporal 25
- B. [edit class-of-service schedulers BE-sch] user@switch# set buffer-size buffer-size temporal 25 exact
- C. [edit class-of-service schedulers BE-sch] user@switch# set buffer-size percent 25
- D. [edit class-of-service schedulers BE-sch] user@switch# set buffer-size exact percent 25

Correct Answer: D

---

### QUESTION 4

-- Exhibit -

```
user@SwitchA> show dot1x interface detail ge-0/0/2.0 ge-0/0/2.0 RoIE. Authenticator
```

Administrative statE. Auto

Supplicant modE. Multiple

Number of retries: 3

Quiet perioD. 60 seconds

Transmit perioD. 30 seconds

Mac Radius: Enabled

Mac Radius Restrict: Enabled

Reauthentication: Enabled

Configured Reauthentication interval: 3600 seconds

Supplicant timeout: 30 seconds

Server timeout: 30 seconds

Maximum EAPOL requests: 2

Guest VLAN member:

Number of connected supplicants: 2



```
user@SwitchA>
```

```
-- Exhibit -
```

Click the Exhibit button.

Host 1, Host 2, and Host 3 are connected to Switch A on interface ge-0/0/2. Host 1 and Host 2 do not support 802.1X. They can authenticate and connect to the Internet. Host 3 was added and it supports 802.1X; however, it is unable to authenticate.

Referring to the exhibit, how do you allow Host 3 to authenticate to the network but maintain secure access?

- A. Enable fallback authentication for 802.1X.
- B. Disable MAC RADIUS Restrict option on ge-0/0/2.
- C. Disable MAC RADIUS option on ge-0/0/2.
- D. Enable Administrative mode for 802.1X.

Correct Answer: B

---

#### QUESTION 5

```
-- Exhibit --{master:0}[edit protocols dot1x]
```

```
user@switch# show
```

```
authenticator {
```

```
authentication-profile-name my-profile;
```

```
static {
```

```
00:21:cc:ba:c7:00/40 {
```

```
interface ge-0/0/12.0;
```

```
}
```

```
}
```

```
interface {
```

```
ge-0/0/12.0 {
```

```
supplicant multiple;
```

```
server-fail deny;
```

```
}
```

```
ge-1/0/14.0 {
```



```
reauthentication 120;
```

```
server-fail vlan-name local-only;
```

```
}
```

```
ge-1/0/15.0 {
```

```
supplicant multiple;
```

```
mac-radius {
```

```
restrict;
```

```
}
```

```
reauthentication 120;
```

```
server-fail vlan-name guest;
```

```
}
```

```
}
```

```
}
```

-- Exhibit -

Click the Exhibit button.

You just added a device on port ge-0/0/12 with the MAC address 00:21:cc:ba:c7:59. All access ports on this device are members of VLAN v20. The RADIUS server is currently not reachable.

Referring to the configuration shown in the exhibit, what happens to traffic sent from this device?

- A. The traffic is denied.
- B. The traffic is accepted and uses the guest VLAN.
- C. The traffic is accepted and uses the local-only VLAN.
- D. The traffic is accepted and uses the v20 VLAN.

Correct Answer: D

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