

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

Enterprise Routing and Switching, Professional (JNCIP-ENT)

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**QUESTION 1**

An emergency Class 3 IP phone is connected to an EX Series switch. You want to ensure that the IP phone does not have any problems if PoE power demands on the switch are greater than the PoE power budget. What should you do to accomplish this task?

- A. You must connect the IP phone into one of the ports from ge-0/0/0 to ge-0/0/7.
- B. Set the power class on the PoE interface to 3.
- C. Set the PoE priority to high.
- D. Enable the guard-band parameter.

Correct Answer: C

---

**QUESTION 2**

-- Exhibit -

Click the Exhibit button.

Referring to the exhibit and based on the output below from Sw-1 and Sw-2, which statement is true?

Sw-1> show spanning-tree mstp configuration MSTP information Context identifier : 0 Region name : juniper Revision : 1 Configuration digest : 0x9357ebb7a8d74dd5fef4f2bab50531aa

MSTI Member VLANs 0 0-9,11-19,21-4094 1 10 2 20

Sw-2# run show spanning-tree mstp configuration MSTP information Context identifier : 0 Region name : juniper Revision : 1 Configuration digest : 0x387b5f2ea2394b14e091f0921ee7b9a8

MSTI Member VLANs 0 0-9,11-14,16-19,21-4094 1 10,15 2 20

- A. There will be only one MSTI 2 root bridge.
- B. There will be only one CST root bridge.
- C. Sw-1 and Sw-2 are in different MSTP regions.
- D. There will be only one CIST root bridge.

Correct Answer: C

---

**QUESTION 3**

Which statement regarding LLDP update messages is correct?

- A. Updates can be secured using the MD5 algorithm.

B. Updates are advertised every 60 seconds by default.

C. Updates require bidirectional communication.

D. Updates can be triggered by local changes.

Correct Answer: D

---

#### QUESTION 4

-- Exhibit -

```
{master:0}[edit]
```

```
user@switch# show ethernet-switching-options voip
```

```
interface ge-0/0/16.0 {
```

```
  vlan phones;
```

```
}
```

```
{master:0}[edit]
```

```
user@switch# show interfaces ge-0/0/16
```

```
unit 0 {
```

```
  family ethernet-switching {
```

```
    port-mode access;
```

```
    vlan {
```

```
      members internet;
```

```
    }
```

```
  }
```

```
}
```

```
{master:0}[edit]
```

```
user@switch# show vlans
```

```
hr {
```

```
  vlan-id 513;
```

```
}
```

```
internet {
```

```
  vlan-id 15;
```

```
}  
phones {  
vlan-id 25;  
}  
servers {  
vlan-id 30;  
}  
{master:0}[edit]  
user@switch# show interfaces ge-0/0/23  
description uplink;  
unit 0 {  
family ethernet-switching {  
port-mode trunk;  
vlan {  
members [ hr internet ];  
}  
}  
}
```

-- Exhibit -Click the Exhibit button.

You have recently implemented a Layer 2 network designed to support VoIP. Users have reported that they cannot use their IP phones to make calls.

Based on the switch configuration shown in the exhibit, which command will resolve this issue?

- A. set interfaces ge-0/0/23 unit 0 family ethernet-switching vlan members phones
- B. set interfaces ge-0/0/16 unit 0 family ethernet-switching port-mode trunk
- C. set ethernet-switching-options voip interface ge-0/0/23 vlan phones
- D. set vlans phones vlan-id 513

Correct Answer: A

---

## QUESTION 5

The network administrator wants the ports on an EX series switch to allow both tagged and untagged frames to be followed. Tagged FRAMES should be associated with their tagged VLAN. While untagged frames should be associated with a preconfigured VLAN. In this scenario, which statement is true?

- A. The INTERFACE PORT MODE should be configured as mixed mode two allow both trunk and access port modes, untagged frames will belong to the default VLAN configured on that port.
- B. An Interface can be configured as an access port or a TRUNK Port ,but it cannot accept both tagged and untagged frames.
- C. The interface port mode should be configured as an access port with a VLAN id frames that enter the port wid a VLAN tag already assigned will override the access port VLAN id.
- D. The interface port mode should be configured as a trunk port, untagged frames will belong to the native vlan id configured on that post.

Correct Answer: D

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