



JN0-643^{Q&As}

Enterprise Routing and Switching, Professional (JNCIP-ENT)

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QUESTION 1

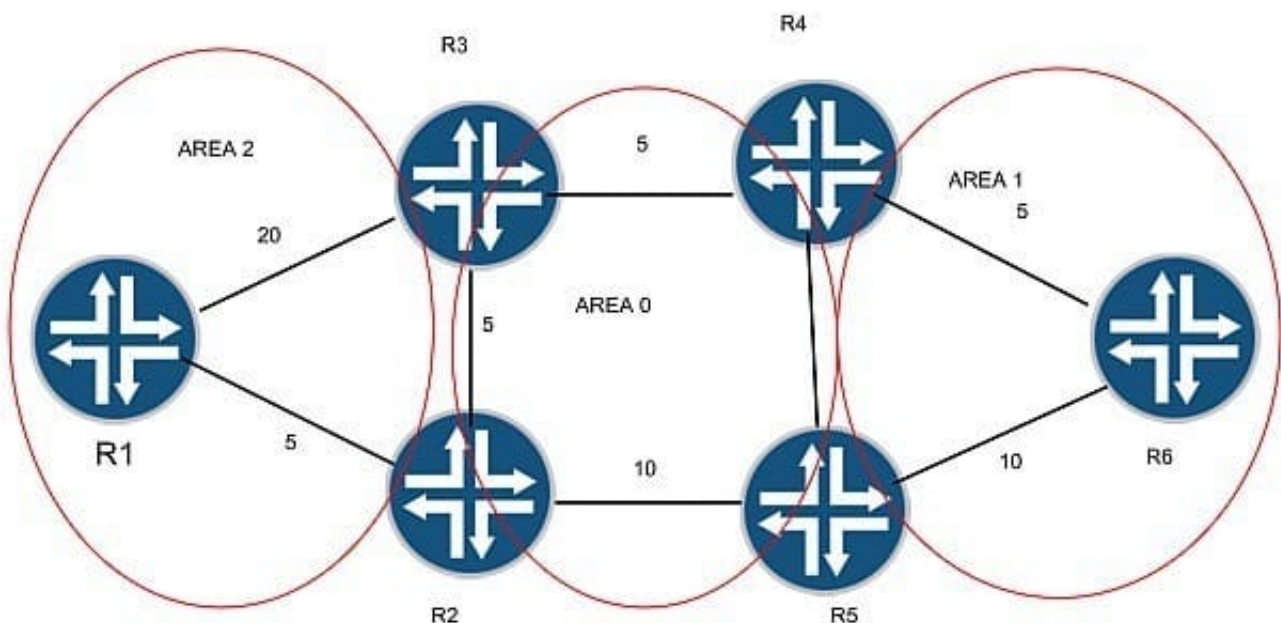
Which statement is true regarding the SPF algorithm?

- A. The SPF algorithm is run on a per-domain basis.
- B. If you apply an import policy to OSPF, it keeps LSAs from being flooded, and the SPF calculation can be affected.
- C. There are two databases used in the calculation, the link-state database and the tree database.
- D. The SPF calculation is run on a per-area basis on each router.

Correct Answer: D

QUESTION 2

-- Exhibit -- Exhibit -



Click the Exhibit button.

Based on the SPF calculation in the exhibit, what is the shortest path to reach R3 from R1?

- A. R2-R3
- B. R2-R5-R4
- C. R3
- D. R2-R4

Correct Answer: C



QUESTION 3

Which two statements about the voice VLAN feature are correct? (Choose two.)

- A. It can be used to separate untagged data and VLAN tagged VoIP traffic into different VLANs on an access port.
- B. It can be used to assign VoIP traffic into a CoS forwarding class.
- C. It can be used to separate untagged data and VLAN tagged VoIP traffic into different VLANs on a trunk port.
- D. It can be used to apply a policer to VoIP traffic.

Correct Answer: AB

QUESTION 4

You are attempting to configure BGP peering to a new service provider. The BGP peering state is stuck in the active state. What are two reasons for this happening? (Choose two)

- A. The local autonomous system number is not configure.
- B. The origin ID is not configure.
- C. The peer IP address is incorrect.
- D. The peer autonomous number is incorrect.

Correct Answer: C

QUESTION 5

-- 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

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