



JN0-649^{Q&As}

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QUESTION 1

Referring to the exhibit, which two statements are correct? (Choose two.)

```
(master:0)[edit protocols mstp]
user@DS-1# show
configuration-name Region-1;
revision-level 1;
interface ge-0/0/8;
interface ge-0/0/9;
interface ge-0/0/10;
interface ge-0/0/12;
msti 1 {
    bridge-priority 4k;
    vlan 10-19;
}
msti 2 {
    bridge-priority 8k;
    vlan 20-29;
}
(master:0)[edit protocols mstp]
user@DS-2# show
configuration-name Region-1;
revision-level 1;
interface ge-0/0/8;
interface ge-0/0/9;
interface ge-0/0/10;
interface ge-0/0/12;
msti 1 {
    bridge-priority 8k;
    vlan 10-19;
}
```

- A. The DS-2 switch will be root bridge for MSTI 2.
- B. The DS-1 switch will be root bridge for MSTI 1.
- C. The DS-1 switch will be root bridge for MSTI 2.
- D. The DS-2 switch will be root bridge for MSTI 1.

Correct Answer: CD

Bridge priority is to determine which bridge becomes the designated bridge.

QUESTION 2

In OSPF, how does a router ensure that LSAs advertised to a neighboring router are received?

- A. LSA flooding guarantees that all routers will receive them successfully.



- B. LSAs are sent over a TCP connection.
- C. LSAs are acknowledged by the neighboring router.
- D. LSAs are advertised with an acknowledgement bit.

Correct Answer: C

QUESTION 3

When using wide metrics, which two statements about route advertisement between IS-IS levels are correct? (Choose two.)

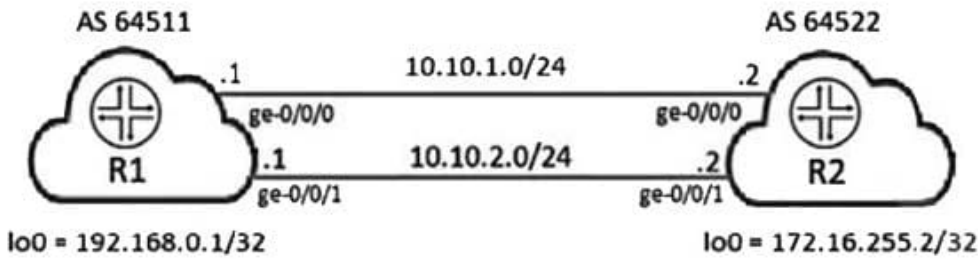
- A. Level 1 and Level 2 routers do not advertise Level 2 routes into the Level 1 area by default.
- B. Level 1 routes are advertised to Level 2 routers by default.
- C. If wide-metrics-only is configured, Level 1 routes are not advertised to Level 2 routers by default.
- D. Level 1 routes advertised as external routes into Level 1 are not advertised to any Level 2 routers by default.

Correct Answer: AC

QUESTION 4

A BGP network has been designed to provide resiliency and redundancy to a multihomed customer network.

Which two statements are correct in this scenario? (Choose two.)



```
user@R1# show protocols bgp group ext-peers
type external;
local-address 192.168.0.1;
peer-as 64522;
neighbor 172.16.255.2 {
  multihop {
    ttl 1;
  }
}
```

```
user@R1# show routing-options
autonomous-system 65411;
static {
  route 172.16.255.2/32 next-hop [ 10.10.1.2 10.10.2.2 ];
}
```

```
user@R1> show route 172.16.255.2/32 terse
```

inet.0: 14 destinations, 14 routes (14 active, 0 holddown, 0 hidden)
+ = Active Route, - = Last Active, * = Both

A	V	Destination	P	Prf	Metric 1	Metric 2	Next hop	AS path
*	?	172.16.255.2/32	S	5			>10.10.1.2 10.10.2.2	

```
user@R1> show route forwarding-table matching 172.16.255.2/32
```

```
Routing table: default.inet
Internet:
```

Destination	Type	RtRef	Next hop	Type	Index	NhRef	Netif
172.16.255.2/32	user	1	10.10.1.2	ucst	590	5	ge-0/0/0.0

- A. Both the next hops will be used to forward traffic to R2.
- B. A routing policy will be required to forward traffic to both next hops.
- C. The TTL value of 1 is set to limit the scope of the EBGP session.
- D. The ttl statement must be configured to accommodate peering to a loopback address of a directly connected peer.

Correct Answer: BD

QUESTION 5

Referring to the exhibit, which two statements are correct? (Choose two.)



```
user@switch> show poe interface
Interface      Admin      Oper      Max      Priority   Power      Class
               status    status    power
               ge-0/0/0  ge-0/0/1  ge-0/0/2  ge-0/0/3  ge-0/0/4  ge-0/0/5  ge-0/0/6  ge-0/0/7  ge-0/0/8  ge-0/0/9  ge-0/0/10 ge-0/0/11
Enabled        Enabled    OFF        15.4W     Low        0.0W      not-applicable
Enabled        Enabled    OFF        15.4W     Low        0.0W      not-applicable
Enabled        Enabled    OFF        15.4W     Low        0.0W      not-applicable
Enabled        Enabled    OFF        15.4W     Low        0.0W      not-applicable
Enabled        Enabled    OFF        15.4W     Low        0.0W      not-applicable
Enabled        Enabled    OFF        15.4W     Low        0.0W      not-applicable
Enabled        Enabled    OFF        15.4W     Low        0.0W      not-applicable
Enabled        Enabled    OFF        15.4W     Low        0.0W      not-applicable
Enabled        Enabled    OFF        15.4W     Low        0.0W      not-applicable
Enabled        Enabled    ON         25.4W(L)  Low        11.0W     4
Enabled        Enabled    ON         25.4W(L)  High       11.4W     4

(L) LLDP-negotiated value on the port.
user@switch> show poe controller
Controller      Maximum      Power      Guard      Management  Status      Lldp
index          power        consumption band
0              100.00W     22.40W     10W       Class      AT_MODE     Disabled
```

- A. The maximum wattage that this switch can allocate to attached Ethernet devices is 100 watts.
- B. If the total power consumption exceeds 90 watts, the ge-0/0/11 interface will continue to receive power.
- C. PoE is not enabled on the ge-0/0/0 interface.
- D. The ge-0/0/10 interface supports PoE+.

Correct Answer: AD

POE is enabled in the interface ge-0/0/0 but nothing is connected to it. switch is in AT mode (poe+) and interface ge-0/0/11 supports poe+ judging by maximum wattage