

JN0-647^{Q&As}

Enterprise Routing and Switching Exam

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QUESTION 1

Which two statements are true about PIM source-specific multicast (SSM)? (Choose two.)

- A. The receiver DR builds a source-base tree to the RP.
- B. S, G is always used.
- C. A different group address must be used by each source.
- D. IGMPv3 is required.

Correct Answer: BD

QUESTION 2

Which three databases are used by the Dijkstra algorithm? (Choose three.)

- A. Tree database
- B. Link State Database
- C. Candidate database
- D. MAC database
- E. Configuration database

Correct Answer: ABC

QUESTION 3

When configuring class of service, what would you use to allocate bandwidth to a forwarding class?

- A. Buffer depth
- B. Transmit rate
- C. Bandwidth
- D. Speed

Correct Answer: B

QUESTION 4

Click the Exhibit button.

```
user@switch1> show spanning-tree mstp configuration
MSTP information
Context identifier : 0
Region name : MSTP-TEST
Revision : 1
Configuration digest : 0x41d7ceff27df8ac51350907ee0a1af2

MSTI Member VLANs
0    0-9, 11-19, 21-29, 31-39, 41-49, 51-4094
1    10, 20
2    30, 40
3.   50
```

```
user@switch2> show spanning-tree mstp configuration
MSTP information
Context identifier : 0
Region name : MSTP-TEST
Revision : 1
Configuration digest : 0x41d7ceff27df8ac51350907ee0a1af2

MSTI Member VLANs
0    0-9, 11-19, 21-29, 31-39, 41-49, 51-4094
1    10, 20
2    30, 40
3.   50
```

```
user@switch3> show spanning-tree mstp configuration
MSTP information
Context identifier : 0
Region name : MSTP-TEST
Revision : 1
Configuration digest : 0x41d7ceff27df8ac51350907ee0a1af2

MSTI Member VLANs
0    0-9, 11-19, 21-39, 41-49, 51-4094
1    10, 20, 30
2    40
3.   50
```

You have three switches, each with a trunk connection allowing all VLANs to the switches. CIST will converge, however MSTP will not.

Referring to the exhibit, which statement is correct?

- A. Switch1 is the CIST root bridge.
- B. Switch2 is the MSTI root bridge.

- C. Switch3's context identifier must be changed.
- D. Switch3's configuration digest is different than for switch1 and for switch2.

Correct Answer: D

QUESTION 5

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 6

Which two statements are correct about using LLDP on junos devices? (Choose two.)

- A. LLDP operates on layer 2 and layer 3 interfaces
- B. LLDP can interoperate with the cisco discovery protocol CDP
- C. LLDP is enabled on all devices by default
- D. LLDP operates on layer 2 interfaces

Correct Answer: AC

QUESTION 7

Your network supports multicast traffic but your provider network does not. You want to allow multicast hosts outside of your network to receive multicast traffic sourced within your network.

How would you satisfy this requirement?

- A. Use MSDP peering with your provider.
- B. Use AutoVPN to connect to the remote hosts.
- C. Use an MP-BGP session to your provider to pass multicast traffic.
- D. Use an automatic multicast tunnel gateway at the edge of your network.

Correct Answer: D

QUESTION 8

A new PoE+VoIP handset was added to an EX Series device. The handset is experiencing connectivity issues. The EX Series device's committed configuration includes the set PoE interface all telemetry command. You look at the telemetry log in the device to review power consumption and you notice entries have not been occurring for days.

What would cause telemetry logging to stop?

- A. Telemetry logging only occurs for one hour by default.
- B. Telemetry logging stops when all reserved power for PoE has been consumed.
- C. Telemetry logging only works on Enhanced PoE VoIP handsets.
- D. Telemetry logging stops when the logging file reaches 128 KB.

Correct Answer: A

QUESTION 9

Click the Exhibit button.

```
user@router# show policy-options
policy-statement damp {
  term 1 {
    from {
      route-filter 10.128.0.0/9 exact damping dry;
      route-filter 0.0.0.0/0 prefix-length-range /0-/8
damping timid;
      route-filter 0.0.0.0/0 prefix-length-range /17-/32
damping aggressive;
    }
  }
}
policy-statement send-direct {
  term 1 {
    from protocol direct;
    then accept;
  }
}
damping aggressive {
  half-life 30;
  suppress 2500;
}
damping timid {
  half-life 5;
}
damping dry {
  disable;
}
```

A customer is concerned that the route damping policy on routes with prefixes greater than/17 is allowing too many flaps to occur. The customer does not want to change the default timer.

Referring to the exhibit, which two actions would allow fewer flaps per route? (Choose two.)

- A. Increase the suppress parameter to 3500.
- B. Decrease the suppress parameter to 2000.
- C. Increase the half-life parameter to 45.
- D. Decrease the half-life parameter to 15.

Correct Answer: BC

QUESTION 10

What are two OSPF LSA types? (Choose two.)

- A. Stub
- B. Router
- C. Transit
- D. Network

Correct Answer: BD

QUESTION 11

OSFP is stuck in the ExStart state.

What is a common cause of this problem?

- A. The DR priority is configured incorrectly.
- B. MTUs do not match.
- C. IP addresses are not configured correctly.
- D. Jumbo frames are not enabled.

Correct Answer: B

QUESTION 12

Click the Exhibit.

```
user@switch> show configuration
  interfaces {
    ge-0/0/3 {
      unit 0 {
        proxy-arp unrestricted;
        family ethernet-switching;
```

A customer requires that the switch responds to an ARP request only if the source and target IP address are on different subnets.

Referring to the Exhibit, how would you accomplish this task?

- A. Create a static ARP entry for the host.
- B. Enable the no-gratuitous-arp request command under the interface hierarchy.
- C. Remove the proxy ARP setting and clear the entry.

D. Change the proxy ARP parameter setting to restricted.

Correct Answer: D

QUESTION 13

Click the Exhibit button.

```
user@R1> show ospf database extensive
OSPF link state database, area 0.0.0.100
Type      ID          Adv Rtr      Seq          Age      Opt      Cksum      Len
Router    10.100.1.1  10.100.1.1  0x8000531   166     0x22    0xfc35    36
Bits 0x2, link count 1
Id 10.100.0.2, data 10.100.0.1, Type Transit (2)
TOS count 0, TOS 0 metric 10
Aging timer 00:57:13
Installed 00:02:42 ago, expires in 00:57:14, sent 00:02:40 ago
Router 192.168.129.200 192.168.129.200 0x8000015a 548 0x2 0x517e 84
Bits 0x2, link count 5
Id 192.168.128.0, data 255.255.255.0, Type Stub (3)
TOS count 0, TOS 0 metric 1
Id 10.100.0.2, data 10.100.0.2, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 10.100.2.1, data 10.100.2.1, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 10.100.3.1, data 10.100.3.1, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 192.168.129.0, data 255.255.255.0, Type Stub (3)
TOS count 0, TOS 0 metric 1
Aging timer 00:50:51
Installed 00:09:05 ago, expires in 00:50:52, sent 00:09:03 ago
Router *192.168.135.138 192.168.135.138 0x800001c3 2687 0x2 0x2b08 60
Bits 0x0, link count 3
Id 10.100.3.1, data 10.100.3.2, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 10.100.2.1, data 10.100.2.2, Type transit (2)
TOS count 0, TOS 0 metric 1
Id 192.168.135.138, data 255.255.255.0, Type Stub (3)
TOS count 0, TOS 0 metric 0
Gen timer 00:05:12
Aging timer 00:15:12
Installed 00:44:47 ago, expires in 00:15:13, sent 00:44:45 ago
Ours
```

Referring to the exhibit, which statement is true?

- A. R1 is an ASBR.
- B. R1 has the B bit set.

C. R1 is a backbone router.

D. R1 is an ABR.

Correct Answer: A

QUESTION 14

You configured static mode power management on an EX4300 to provide PoE power to telephone and access point equipment.

Which statement is correct regarding the PoE power budget?

A. Power is budgeted to devices on a first come, first served basis as devices are connected.

B. The power budgeted will be based on the device class connected to each port.

C. Power is budgeted to a port even if no device is connected to the port.

D. The power budgeted to ports will adjust to how much power a device actually uses.

Correct Answer: C

QUESTION 15

Click the Exhibit.

```
user@switch> show configuration protocols mvrp
interface all;
```

```
user@switch> show configuration interfaces
ge-0/0/1 {
  unit 0 {
    family ethernet-switching {
      port-mode trunk;
      vlan {
        members [vlan-308 vlan-312];
      }
    }
  }
}
ge-0/0/2 {
  unit 0 {
    family ethernet-switching {
      port-mode trunk;
    }
  }
}
ge-0/1/0 {
  unit 0 {
    family ethernet-switching {
      port-mode access;
      vlan {
        members vlan-300;
      }
    }
  }
}
ge-0/1/1 {
  unit 0 {
    family Ethernet-switching {
      vlan {
        members vlan -300;
      }
    }
  }
}
ae0 {
```

```
unit 0 {
  family Ethernet-switching {
    port-mode trunk;
    vlan {
      members [vlan-300 vlan 308];
    }
  }
}
ae1 {
  unit 0 {
    family ethernet-switching {
      port-mode trunk;
    }
  }
}
```

Referring to the exhibit, which set of interfaces will be registered by MVRP?

- A. ge-0/1/0, ge-0/1/1, ae0, ae1
- B. ge-0/1/0, ge-0/0/2, ae0, ae1
- C. ge-0/0/1, ge-0/1/1, ae0, ae1
- D. ge-0/0/1, ge-0/0/2, ae0, ae1

Correct Answer: D

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