JN0-649 Q&As

Enterprise Routing and Switching Professional (JNCIP-ENT)

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QUESTION 1

Referring to the exhibit,traffic ingresses on interface ge-0/0/3 and egresses on interface ge- 0/0/4. Which queue does traffic with the IP precedence value of 100 use?

```
[edit interfaces]
user@router# show
ge-0/0/3 {
    unit 0 {
        family inet {
            address 10.42.67.1/30;
        }
    }
}
ge-0/0/4 {
    unit 0 {
        family inet {
            filter {
                input cos;
            }
            address 10.42.16.1/30;
        }
    }
}
[edit class-of-service]
user@router# show
classifiers {
    inet-precedence cos {
        forwarding-class best-effort {
            loss-priority low code-points [ 000 001 010 011 ];
        }
        forwarding-class assured-forwarding {
            loss-priority low code-points 101;
```

```
user@router# show
classifiers {
    inet-precedence cos {
        forwarding-class best-effort {
            loss-priority low code-points [ 000 001 010 011 ];
        }
        forwarding-class assured-forwarding {
            loss-priority low code-points 101;
        }
        forwarding-class expedited-forwarding {
            loss-priority low code-points 100;
        }
        forwarding-class network-control {
            loss-priority low code-points [ 110 111 ];
        }
    }
}
```

```
forwarding-classes {
    queue 0 best-effort;
    queue 1 expedited-forwarding;
    queue 2 assured-forwarding;
    queue 3 network-control;
}
interfaces {
    ge-* {
        unit * {
            classifiers {
                inet-precedence default;
            }
        }
    }
    ge-0/0/4 {
        unit 0 {
            classifiers {
                inet-precedence cos;
            }
        }
    }
}
[edit firewall family inet]
user@router# show
filter cos {
    term 1 {
        from {
            precedence [ 0 2 5 ];
        }
        then {
            forwarding-class best-effort;
            accept;
        }
    }
    term 2 {
        from {
            precedence [ 1 4 ];
        }
        then {
        forwarding-class assured-forwarding;
        accept;
    }
}
```

```
term 3 {
    from {
        precedence 3;
    }
    then {
        forwarding-class expedited-forwarding;
        accept;
    }
}
term 4 {
    from {
        precedence [ 6 7 ];
    }
    then {
        forwarding-class network-control;
        accept;
    }

    }
}
[edit class-of-service]
user@router# run show class-of-service classifier name ipprec-default
Classifier: ipprec-default, Code point type: inet-precedence, Index: 12
  Code point          Forwarding class                    Loss priority
  000                 best-effort                         low
  001                 assured-forwarding                  low
  010                 best-effort                         low
  011                 best-effort                         low
  100                 best-effort                         low
  101                 expedited-forwarding                low
  110                 network-control                     low
  111                 network-control                     high
```

A. network-control

B. assured-forwarding

C. best-effort

D. expedited-forwarding

Correct Answer: D

QUESTION 2

You are asked to configure an802.1X solution that supports dynamic VLAN assignment.

In this scenario, which two modes support using vendor-specific attributes (VSAs)? (Choose two.)

A. static MAC bypass mode

B. single-secure supplicant mode

C. multiple supplicant mode

D. singlesupplicant mode

Correct Answer: BD

https://www.juniper.net/documentation/us/en/software/junos/user-access/topics/concept/dynamic-vlan-assignment-colorless-ports.html

QUESTION 3

You aredeploying IP phones in your enterprise networks. When plugged in, the IP phones must automatically negotiate the power requirements for the new connection with the EX Series switches. In this scenario, which protocol should be used to enable this behavior?

A. CDP

B. MP-BGP

C. LLDP-MED

D. LLDP

Correct Answer: C

QUESTION 4

You are asked to implement fault tolerant RPs in your multicast network. Which two solutions would accomplish this behavior? (Choose two.)

A. Use BFD with statically defined RPs.

B. Use MSDP withstatically defined RPs.

C. Use anycast PIM with statically defined RPs.

D. Use IGMPv3 with statically defined RPs.

Correct Answer: BC

QUESTION 5

Which three configuration parameters must match on all switches within the same MSTP region? (Choose three.)

A. VLAN to instance mapping

B. revision level

C. configuration name

D. bridge priority

E. region name

Correct Answer: ABE

When enabling MSTP, you define one or more MSTP regions. An MSTP region defines a logical domain where multiple spanning-tree instances (MSTIs) can be administered independently of MSTIs in other regions, setting the boundary for

bridge protocol data units (BPDUs) sent by one MSTI. An MSTP region is a group of switches that is defined by three parameters:

Region name--User-defined alphanumeric name for the region.

Revision level--User-defined value that identifies the region.

Mapping table--Numerical digest of VLAN-to-instance mappings. https://www.juniper.net/documentation/us/en/software/junos/stp-l2/topics/topic-map/spanning-tree-configuring-mstp.html