Exam Code: 920-245

Exam Name: Nortel Certified Support Specialist-Ethernet

Switching

Vendor: Nortel

Version: DEMO

Part: A

1: Which three switches support auto Media Dependent Interface Crossover (MDI/MDIX)? (Choose three.)

A.Ethernet Switch 425

B.Ethernet Switch 450

C.Ethernet Switch 460

D.Ethernet Switch 470

E.Ethernet Routing Switch 5510

Correct Answers: A D E

2: Which Ethernet Routing Switch QoS feature ensures that the lower six egress queues are serviced in a fair, yet weighted manner?

A.WRR

B.WFQ

C.DSCP

D.TCP/UDP

Correct Answers: A

3: Which route type in the Ethernet Routing Switch 8600 routing table provides additional routes for faster convergence in case of network/link failures?

A.best

B.direct

C.MPLS

D.ECMP

Correct Answers: D

4: Which actions should be performed during a configuration of a QoS policy for a trusted interface?

A.drop traffic to a port

B.change of DSCP value

C.modification of 802.1p value

D.alteration of the drop precedence

Correct Answers: A

5: Given the conditions:

<div align="center">

Left LED - green

Right LED - flashing green

</div>

On an Ethernet Routing Switch 8648TXE/M 10/100 Ethernet I/O module, what is the status of a port that is displaying the LED conditions described above?

A.Link speed is 10 Mbps and the port is disabled.

B.Link speed is 100 Mbps and the port is disabled.

C.Link speed is 10 Mbps and the port is passing traffic.

D.Link speed is 100 Mbps and the port is passing traffic.

Correct Answers: D

6: A customer with an Ethernet Switch 470-24T wants to configure MAC address-based security. Given that they can create up to 10 MAC Destination Addresses (DA) to filter, how are all packets with specified DAs treated?
A.All packets with specified DAs are dropped.
B.All packets with specified DAs are dropped based on ingress port.
C.All packets with specified DAs are dropped based on VLAN membership.
D.All packets with specified DAs are dropped based on source address intrusion.
Correct Answers: A

7: If one Multi Link Trunk is being used, how many fewer VLANs would be available on the Ethernet Routing Switch 8600?
A.1
B.4
C.8
D.16
Correct Answers: C

8: You have installed a new Ethernet Switch 460-24T into a customer's network and are using the QoS Wizard to configure the QoS settings for various IP traffic flows. Which two IP applications can you directly choose in the QoS Wizard to prioritize inbound frames based on traffic type? (Choose two.)
A.E-mail (SMTP)
B.File Transfer (FTP)
C.Multicasting (IGMP)
D.Trivial File Transfer (TFTP)
E.Network Management (SNMP)
Correct Answers: A B

9: In the event of a network failure, a customer requires that an Open Shortest Path First (OSPF) interface detect the failure within 30 seconds. Which Ethernet Routing Switch 8600 Command Line Interface (CLI) command must be used to ensure a network failure is detected in the required amount of time?
A.config vlan <vid> ip ospf metric 30
B.config vlan <vid> ip ospf priority 30
C.config vlan <vid> ip ospf hello-interval 30
D.config vlan <vid> ip ospf dead-interval 30
Correct Answers: D

10: An Ethernet Switch 450-24T will be added to an existing stack of two Ethernet Switch 470-24Ts. The software Release running on the Ethernet Switch 450-24T is compatible with the software Release running on the Ethernet Switch 470-24Ts. To complete the stack creation successfully, which two configuration changes are necessary? (Choose two.)

A.Set the Unit Select switch on the Ethernet Switch 450-24T to the "Off" position.

B.Set the Unit Select switch on the Ethernet Switch 450-24T to "Base" ("On" position).

C.Set the Stack Mode for all Ethernet Switch 470-24Ts to Hybrid and then reset the stack.

D.Cable the Ethernet Switch 450-24T into the stack, power off all units, and then power up the stack.

E.Set the Stack Mode for the Base Ethernet Switch 470-24T to Hybrid and leave the other Ethernet Switch 470-24T as Pure.

Correct Answers: A C

11: Click the exhibit button.

Given the following Ethernet Switch 325-24T configuration:

   VLAN 10 is a port-based VLAN.

   Port 1 is an untagged member of VLAN 10.

   Port 5 is a tagged member of VLAN 10.

   The device on Port 1 transmits an untagged frame to the device on Port 5.

How will an untagged frame be treated when it reaches Port 5 on this switch?

```
                    VLAN Port Configuration


Unit                                   [  1  ]
Port                                   [  1  ]
Filter Tagged Frames:                  [ No  ]
Filter Untagged Frames:                [ No  ]
Filter Unregistered Frames:            [ No  ]
Port Name:                             [ Unit 1, Port 1 ]
PVID:                                  [ 10  ]
Port Priority:                         [  6  ]
Tagging:                               [ Untagged Access ]

AutoPVID:                              [  Disabled  ]

Use space bar to display choices, press <Return> or <Enter> to select choice
Press Ctrl-R to return to previous menu.  Press Ctrl-C to return to Main Menu.




                    VLAN Port Configuration


 Unit                                  [   1  ]
 Port                                  [   5  ]
 Filter Tagged Frames:                 [ No  ]
 Filter Untagged Frames:               [ No  ]
 Filter Unregistered Frames:           [ No  ]
 Port Name:                            [ Unit 1, Port 5 ]
 PVID:                                 [ 10  ]
 Port Priority:                        [  2  ]
 Tagging:                              [ Tagged Access ]

 AutoPVID:                             [  Disabled  ]

 Use space bar to display choices, press <Return> or <Enter> to select choice
 Press Ctrl-R to return to previous menu.  Press Ctrl-C to return to Main Menu
```

A.It will be discarded when it is received.

B.It will be placed in a hardware-based queue based on Priority 6. Then it will be tagged, and transmitted out Port 5 with Priority 2.

C.It will be placed in a hardware-based queue based on Priority 6. Then it will be tagged, and

transmitted out Port 5 with Priority 6.

D.It will be placed in a hardware-based queue based on Priority 2. Then it will be tagged, and transmitted out Port 5 with Priority 2.

Correct Answers: C

12: Which two statements are true regarding Virtual Router Redundancy Protocol (VRRP) Backup? (Choose two.)

A.It must advertise its presence to the network.

B.It must not accept packets addressed to the IP address(s) associated with the virtual router.

C.It must discard packets with a destination Media Access Control (MAC) equal to the virtual router MAC.

D.It must respond to Address Resolution Protocol (ARP) requests for address(s) associated with the virtual router.

Correct Answers: B C

13: What is an advantage of using Independent VLAN Learning (IVL) mode over Shared VLAN Learning (SVL) mode on an Ethernet Switch 460-24T-PWR?

A.The Spanning Tree Protocol (STP) can be disabled.

B.More MAC addresses can be stored with unique forwarding databases.

C.Duplicate MAC addresses can be handled if they are in different VLANs.

D.The port forwarding rate will be greater with unique forwarding databases.

Correct Answers: C

14: You need to add a new port on an Ethernet Routing Switch 5510 that will support a new server to an existing VLAN that is a member of an existing Spanning Tree Group (STG). Which action(s) should you perform to accomplish this task?

A.Add the port to the VLAN.

B.Add the port to the VLAN and then manually add the port to the STG.

C.Disable the STG, add the port to the VLAN, and then enable the STG.

D.Remove the VLAN from the STG, add the port to the VLAN, and then add the VLAN to the STG.

Correct Answers: B

15: When can you obtain and load an image from an external TFTP server through one of the I/O ports?

A.When you invoke the boot (ip address)/<file> command from the Device Manager.

B.When you configure the Ethernet Routing Switch 8600 to boot from the network, then reset.

C.When you invoke the boot (ip address):<file> command from the Command Line Interface (CLI).

D.When you configure the Ethernet Routing Switch 8600 to boot from the network, then recycle power.

Correct Answers: C