Exam Code: 920-133
NNCSS - Baystack Switching

Demo Version

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1. A BayStack 460-24T-PWR switch is being configured to provide connectivity to a number of devices. The devices that may require Power over Ethernet (PoE) and their power requirements are shown below:
• Internet Camera: 5W each
• IP Phone: 10W each
• Wireless Access Point: 15W each
• Security Light: 25W each
The BayStack 460-24T-PWR will be operating with only an internal power source, and the DC source has been configured as power sharing. Which represents a valid configuration?
A. 4 Security Lights and 10 Internet Cameras
B. 4 Security Lights and 10 IP Phones
C. 10 IP Phones and 10 Wireless Access Points
D. 12 IP Phones and 10 Internet Cameras
E. 20 Internet Cameras and 5 IP Phones
Answer: D

2. For a BayStack 460-24T-PWR switch, what is the required configuration for members of a particular MultiLink Trunking (MLT) group that are also members of a Spanning Tree Group (STG)?
A. At least one port that participates in MLT must be an active port.
B. All trunk member ports must have different VLAN configurations.
C. All members of a particular MLT group must be assigned to the same STG.
D. At least two members of particular MLT group must be assigned to the same STG.
Answer: C

3. Given the following switch features:
• Supports trunking with a port density of up to 192 ports.
• Provides failsafe stackability and web-based management.
• Delivers Layer 3/Layer 4 packet classification and prioritization.
• Supports optional Media Dependent Adapters (MDAs).
Which two BayStack switches provide these features? (Choose two.)
A. BayStack 450-24T
B. BayStack 460-24T
C. BayStack BPS
D. BayStack 470-24T/48T
Answer: BC

4. Which statement is false when comparing the features of the BayStack 470 and BPS switches?
A. They both support SNMP version 3.
B. They both support MultiLink Trunking (MLT).
C. They both have built-in stacking connectors.
D. They both support a maximum of 256 VLANs.
E. They both support up to eight Single Trunk Groups (STGs).
Answer: C

5. A customer needs a high-capacity BayStack switch to support their high-speed multimedia application and graphic needs. Given the following switch requirement:
• They require only two one-Gigabit-per-second copper ports for their server farm.
Which two BayStack switches best meet the customer requirements? (Choose two.)
A. BayStack 325-24T
B. BayStack 420-24T
C. BayStack 425-24T
D. BayStack 5510-24T
Answer: AC

6. Which three switches support auto MDI/MDIX (Media Dependent Interface Crossover)? (Choose three.)
A. BayStack 425
B. BayStack 450
C. BayStack 460
D. BayStack 470
E. BayStack 5510

Answer: ADE

7. Both the BayStack 420 and 425 switches support Gigabit Interface Converters (GBICs). Which capability do these GBICs share?
A. These GBICs can be hot swapped.
B. The same specialized tool is used to install or remove both GBICs.
C. Both GBICs come in models which will transmit over 100 km on multimode fiber.
D. These GBICs can be inter-changed between the BayStack 420 and 425 switches.
Answer: A

8. Why would you use the Web-based management system interface instead of Java Device Manager (JDM) to implement configuration changes on your BayStack 460-24T-PWR switches?
A. Web-based management allows configuration of QoS with the QoS Wizard, while JDM does NOT.
B. Web-based management allows the configuration of MultiLink Trunks (MLTs), while JDM does NOT.
C. Web-based management allows configuration of Power over Ethernet (PoE) settings, while JDM does NOT.
D. Web-based management allows the addition, deletion, and modification of VLANs, while JDM can only modify VLANs.
Answer: A

9. You have just installed and configured a new BayStack 425-48T switch into a customer's network. The switch is functioning normally, but needs to have its IP address and subnet mask changed. Which interface can you use to perform this task?
A. QoS Wizard
B. Java Device Manager (JDM) C.
Console Interface (CI) Menus
D. Web-based Management System Interface
Answer: C

10. Trivial File Transfer Protocol (TFTP) is provided on the BayStack 470-48T to support which processes? (Choose two.)
A. Upload of the Port Statistics.
B. Upload of the System Log file.
C. Download of a new software image.
D. Upload/download of the ASCII configuration file.
E. Download of the IP configuration from a BootP server.
F. Exchange authentication information with the Radius Server.
Answer: CD

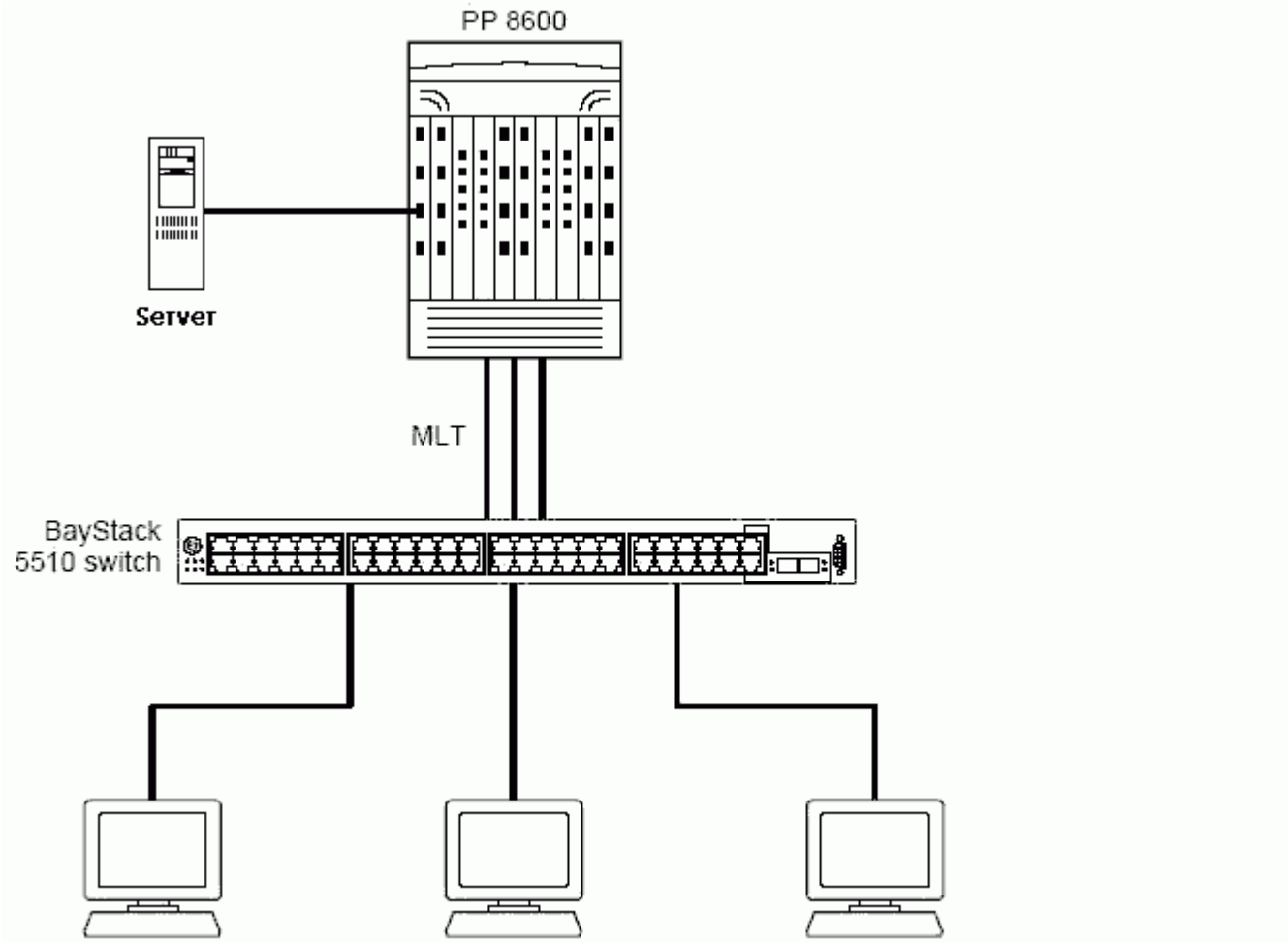
11. How do you configure VLAN port membership on a BayStack 425 10/100/1000 series switch? (Choose two.)
A. Run the QoS Wizard to create new VLAN port members.
B. Access the VLAN configuration screen of the Console Interface (CI) Menu.
C. Create an ASCII configuration file with the required VLAN membership configuration.
D. Use Java Device Manager (JDM) to make the selected ports members of the VLANs.
Answer: BD

12. Port-based Virtual LAN (VLAN) 10 has been configured on a standalone BayStack 5510-24T switch. Port 5 must now be added to VLAN 10. What are the steps necessary to add Port 5 to VLAN 10 in Java Device Manager (JDM)?
A. From the main menu choose Edit > VLANs. Double click on Port Members for VLAN 10 and add Port 5 to the list of members. Finally, click Apply.
B. From the main menu choose VLAN > VLANs. Double click on Port Members for VLAN 10, and add Port 5 to the list of members. Finally, click Apply.
C. Highlight Port 5 on the device and from the main menu choose Edit > Port. Now click on the VLAN tab and in the DefaultVlanId field enter 10. Finally, click Apply.
D. From the main menu choose Application > VLAN > VLAN Configuration. In the VLAN Table section, click the Modify icon for VLAN 10. Now add Port 5 to the list of members and click Apply.
Answer: B

13. Given the following information:
• A customer has a stack of four BayStack BPS switches configured in pure mode and functioning properly.
• Two BayStack 450-24T switches are added to the stack to increase its capacity and the BayStack BPS stack operation mode is changed to hybrid.
• After rebooting the stack, it appears to be functioning properly but, all VLAN configurations have been lost.
What is the most likely cause of this issue and which action should you take to resolve it?

A. A BayStack 450-24T has incorrectly been assigned as the base unit. Define a BayStack BPS as the base unit and power cycle the stack to resolve the issue.
B. The Interoperability Software Version Number (ISVN) of the BayStack 450-24T software does NOT match the ISVN of the BayStack BPS software. Upgrade the BayStack 450-24T software to resolve the issue.
C. A hybrid stack only supports 64 VLANs. If more are defined on a pure BayStack BPS stack, when you change to hybrid mode you will lose all the VLANs. A maximum of 64 VLANs can be re-entered to resolve the issue.
D. When changing from a pure to a hybrid stack, the VLAN configuration will always be lost. Before changing to hybrid mode, the configuration file must be downloaded to a TFTP server, and then uploaded after changing to hybrid mode.
Answer: C

14. Click the exhibit button.

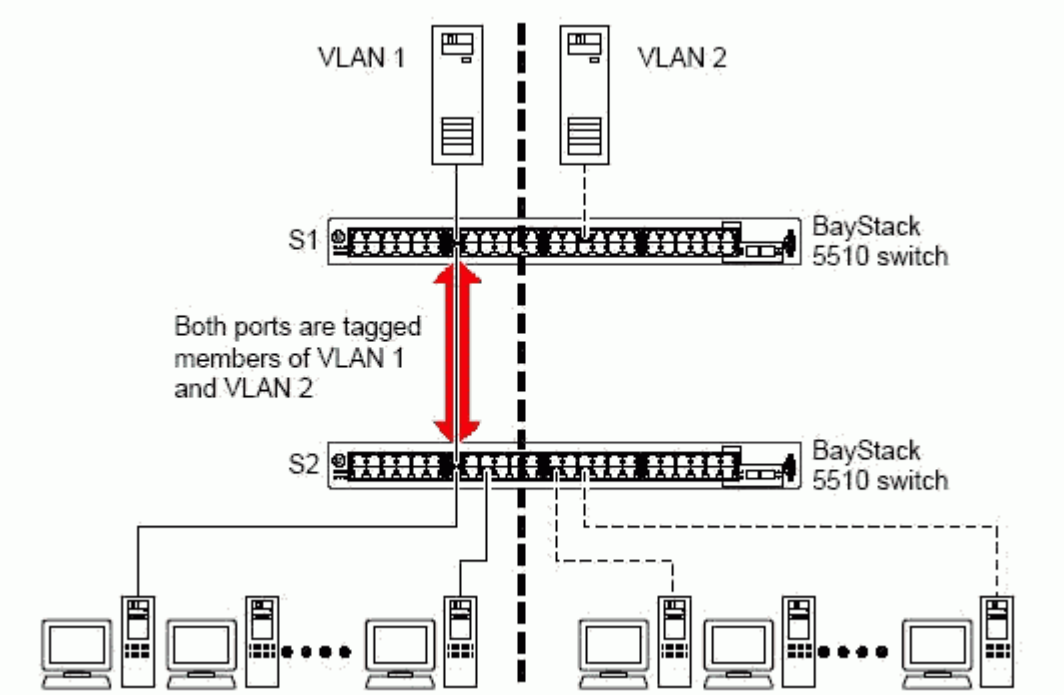


In this high-bandwidth desktop switch configuration, the following steps are part of the BayStack 5510 switch deployment setup.
1) Configure and enable the MultiLink Trunk (MLT) ports that will connect to the Passport 8600 switch.
2) Configure and enable the MLT ports on the Passport 8600 switch that will attach to the BayStack 5510 switch.
3) Attach the Passport 8600 switch to the BayStack 5510 switch with the correct cables.
What is the final step in setting up this network?
A. Assign static IP addresses to all workstations.
B. Attach one or more high-speed workstations to the BayStack 5510 switch.
C. Enable the high-speed VLAN link from the BayStack 5510 switch to the Passport 8600 switch.
D. Configure the BayStack 5510 switch to allow Telnet access from a list of known IP addresses.
Answer: B

15. Twenty-two users share a 24-port 10Mb/s workgroup hub with a network center connection, one floor below which is also 10 Mb/s using 25 meters of CAT5 cable. What is the best way to alleviate this bottleneck to the network center from the workgroup hub? Assume that the switch in the network center will be replaced with a BayStack 5510-24T.
A. Replace the workgroup hub with a 100 MB/s workgroup hub to increase overall bandwidth within the group.

B. Split the users into smaller groups by adding other workgroup hubs. Then connect these new hubs to the network center with their own 10 MB/s connection.
C. Replace the workgroup hub with a BayStack 425 switch. Then make the connection to the network center with a dedicated 1 Gb/s full-duplex bandwidth connector.
D. Connect the network center connection from the workgroup hub to a BayStack 425 switch. Then make the connection to the network center with a dedicated 1 Gb/s full-duplex bandwidth connector.
Answer: C

16. Click the exhibit button.



The exhibit shows VLANs spanning two BayStack 5510 switches. Both port 14 on S1 and port 13 on S2, identified by the red arrow, are tagged members of VLAN 1 and VLAN 2. How is this configured? A.
By enabling 802.1Q tagging on both port 14 of S1 and port 13 of S2.
B. This VLAN configuration is incorrect and must be configured differently to work. C.
Tagging is automatically configured because port 13 of S2 is already in VLAN 1.
D. By ensuring that the tagging checkbox is checked on the configuration screens for VLAN 1 and VLAN 2.
Answer: A

17. Given the following information:
• A BayStack 460-24T-PWR switch is being installed.
• The switch will be fully populated with all devices requiring Power over Ethernet (PoE).
• The switch has been connected to both internal and external power sources.
• The switch will be configured through web-based management.
Once you access the BayStack 460 via the BS460_24T_PWR(config)#poe poe-dc-source command, which configuration will provide the most power to supply PoE to the connected devices?
A. nes - Set DC power source from NES
B. rpsu - Set DC power source from the rpsu
C. baystack10 - Set DC power source from BayStack 10
D. unit - Set power pairs of another unit in a stack
Answer: A

18. A company has a stack of four BayStack 450-24T switches with a 1000 Mbps uplink configured in a Distributed MultiLink Trunk (DMLT) to a Passport 8600 at the network core. By adding a BayStack BPS switch to the stack and connecting the uplink to the BayStack BPS, what additional capability will this stack have?
A. The ability to manage the entire stack through a web interface.
B. The ability to manage the entire stack with Optivity Switch Manager.
C. The ability to group the MLT in a Distributed MLT for improved redundancy.

D. The ability to provide failsafe stacking for the entire stack for improved resiliency.
E. The ability to mark the Differentiated Services Code Point (DSCP) in packets going back to the core.
Answer: A

19. Click the exhibit button.

```
                    VLAN Port Configuration


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

AutoPVID (all ports):                       [  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:                    [ Yes ]
 Filter Unregistered Frames:                [ Yes ]
 Port Name:                                 [ Unit 1, Port 5 ]
 PVID:                                      [ 10  ]
 Port Priority:                             [  2  ]
 Tagging:                                   [ Tagged Trunk ]

 AutoPVID (all ports):                      [  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
```

Given the following BayStack 450-24T switch information:
• 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.
• Some untagged packets are being received at Port 5 for VLAN 10, but are failing to be delivered out Port 1.
What is one way to resolve this issue and have the packets delivered out Port 1?
A. Change "Filter Tagged Frames" to "Yes" on Port 1
B. Change "Filter Untagged Frames" to "No" on Port 5.
C. Change "Filter Unregistered Frames" to "No" on Port 5.
D. Change "AutoPVID" to "Enabled" for all ports on the switch.
E. Change the "Port Priority" on Port 5 to match the "Port Priority" on Port 1.
Answer: B

20. A BayStack 450-24T switch will be added to an existing stack of two BayStack 470-24T switches. The software Release running on the BayStack 450-24T switch is compatible with the software Release running on the BayStack 470-24T switches. To complete the stack creation successfully, which two configuration changes are necessary? (Choose two.)
A. Set the Unit Select switch on the BayStack 450-24T to the "Off" position.
B. Set the Unit Select switch on the BayStack 450-24T to "Base" ("On" position).
C. Set the Stack Mode for all BayStack 470-24T switches to Hybrid and then reset the stack.
D. Cable the BayStack 450-24T switch into the stack, power off all units, and then power up the stack.
E. Set the Stack Mode for the Base BayStack 470-24T switch to Hybrid and leave the other BayStack 470-24T switch as Pure.

Answer: AC