

CompTIA N10-009 Desktop Practice Exam Dumps



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CompTIA N10-009 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Network Security: This section of the exam for cybersecurity specialists and network security administrators covers the importance of basic network security concepts, Various types of attacks and their impact on the network, application of network security features, defense techniques, and solutions.• Network Troubleshooting: For help desk technicians and network support specialists, this section covers troubleshooting methodology, troubleshooting common cabling and physical interface issues, troubleshooting common issues with network services, and use of appropriate tools or protocols to solve networking issues.
Topic 2	<ul style="list-style-type: none">• Cloud concepts and connectivity options, and Common networking ports.
Topic 3	<ul style="list-style-type: none">• Networking Concepts: For network administrators and IT support professionals, this domain covers
Topic 4	<ul style="list-style-type: none">• Network Implementation: For network technicians and junior network engineers, this section covers Characteristics of routing technologies, Configuration of switching technologies and features, and

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In the information society, everything is changing rapidly. In order to allow users to have timely access to the latest information, our N10-009 real exam has been updated. Our update includes not only the content but also the functionality of the system. The content of the N10-009 training guide is the real questions and answers which are always kept to be the latest according to the efforts of the professionals. And we apply the newest technologies to the system of our N10-009 exam questions.

CompTIA Network+ Certification Exam Sample Questions (Q40-Q45):

NEW QUESTION # 40

Due to concerns around single points of failure, a company decided to add an additional WAN to the network. The company added a second MPLS vendor to the current MPLS WAN and deployed an additional WAN router at each site. Both MPLS providers use OSPF on the WAN network, and EIGRP is run internally. The first site to go live with the new WAN is successful, but when the second site is activated, significant network issues occur. Which of the following is the most likely cause for the WAN instability?

- A. An incorrect IP address
- B. A changed CDP neighbor
- C. Asymmetrical routing
- D. A switching loop

Answer: C

Explanation:

Asymmetrical routing occurs when packets take different paths to and from the destination, leading to instability in network communication. The use of two different MPLS providers with OSPF can lead to this type of routing issue, especially if the paths aren't carefully configured and managed. This can cause unexpected routing behaviors and instability in a dual-WAN setup. (Reference: CompTIA Network+ Study Guide, Chapter on Network Routing)

NEW QUESTION # 41

Users are experiencing significant lag while connecting to a cloud-based application during peak hours. An examination of the network reveals that the bandwidth is being heavily utilized. Further analysis shows that only a few users are using the application at any given time. Which of the following is the most cost-effective solution for this issue?

- A. Lease a Direct Connect connection to the cloud service provider.
- B. Implement QoS to prioritize application traffic.
- C. Use a CDN to service the application.
- D. Limit the number of users who can access the application.

Answer: B

Explanation:

Quality of Service (QoS) is the best cost-effective solution. It prioritizes traffic based on application criticality. If the bandwidth is limited and only a few users are affected, prioritizing that application traffic can improve performance without needing costly bandwidth upgrades or direct connections.

Reference:

NEW QUESTION # 42

Before using a guest network, an administrator requires users to accept the terms of use. Which of the following is the best way to accomplish this goal?

- A. Captive portal
- B. Pre-shared key
- C. WPA2 encryption
- D. Autonomous access point

Answer: A

Explanation:

A captive portal is a web page that users must view and interact with before being granted access to a network. It is commonly used in guest networks to enforce terms of use agreements. When a user connects to the network, they are redirected to this portal where they must accept the terms of use before proceeding. This method ensures that users are aware of and agree to the network's policies, making it the best choice for this scenario.

NEW QUESTION # 43

An administrator is setting up an SNMP server for use in the enterprise network and needs to create device IDs within a MIB. Which of the following describes the function of a MIB?

- A. Policy enforcement point
- B. Definition file for event translation
- C. Network access controller
- D. DHCP relay device

Answer: B

Explanation:

* MIB (Management Information Base): A MIB is a database used for managing the entities in a communication network. The MIB is used by Simple Network Management Protocol (SNMP) to translate events into a readable format, enabling network administrators to manage and monitor network devices effectively.

* Function of MIB: MIBs contain definitions and information about all objects that can be managed on a network using SNMP. These objects are defined using a hierarchical namespace containing object identifiers (OIDs).
CompTIA Network+ materials discussing SNMP and MIB functionality.

NEW QUESTION # 44

A network technician replaced an access layer switch and needs to reconfigure it to allow the connected devices to connect to the correct networks.

INSTRUCTIONS

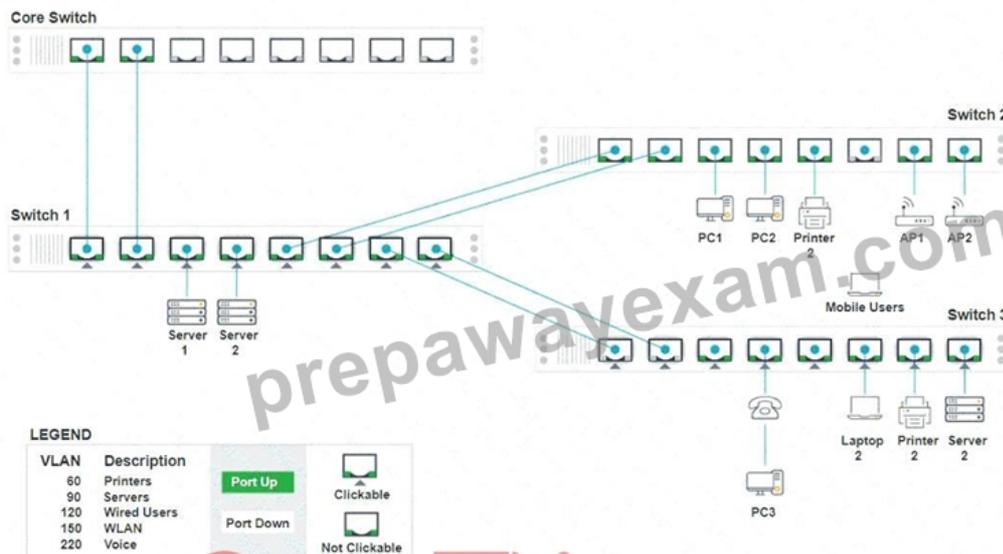
Click on the appropriate port(s) on Switch 1 and Switch 3 to verify or reconfigure the correct settings:

Ensure each device accesses only its correctly associated network.

Disable all unused switchports.

. Require fault-tolerant connections between the switches.

. Only make necessary changes to complete the above requirements.



CompTIA

Switch 1 - Port 3 Configuration



Status

Port Enabled

LACP Disabled

Wired

Speed Auto 100 1000

Duplex Auto Half Full

VLAN Configuration

VLAN90

Port Tagging

Switch 1 - Port 4 Configuration



Status

Port Enabled

LACP Disabled

Wired

Speed Auto 100 1000

Duplex Auto Half Full

VLAN Configuration

+ Add VLAN

VLAN90

Port Tagging

UnTagged

Reset to Default

Save

Close

Switch 1 - Port 5 Configuration



Status

Port Enabled

LACP Enabled

Wired

Speed Auto 100 1000

Duplex Auto Half Full

VLAN Configuration

+ Add VLAN

VLAN60

Port Tagging

Tagged

VLAN120

Port Tagging

Tagged

VLAN150

Port Tagging

Tagged

Reset to Default

Save

Close

Switch 1 - Port 6 Configuration



Status

Port Enabled

LACP Enabled

Wired

Speed Auto 100 1000

Duplex Auto Half Full

VLAN Configuration

VLAN60

Port Tagging

Tagged

VLAN120

Port Tagging

Tagged

VLAN150

Port Tagging

Tagged



Status

Port Disabled

LACP Disabled

Wired

Speed Auto 100 1000

Duplex Auto Half Full

VLAN Configuration

VLAN1

Port Tagging

UnTagged

Switch 3 - Port 8 Configuration
✕

Status

Port Enabled

LACP Disabled

Wired

Speed Auto 100 1000

Duplex Auto Half Full

VLAN Configuration

+ Add VLAN

VLAN1
✕

Port Tagging

UnTagged ▼

Reset to Default
Save
Close

Answer:

Explanation:

See the solution below in Explanation.

Explanation:

To provide a complete solution for configuring the access layer switches, let's proceed with the following steps:

Identify the correct VLANs for each device and port.

Enable necessary ports and disable unused ports.

Configure fault-tolerant connections between the switches.

Port 1 Configuration (Uplink to Core Switch)

Status: Enabled

LACP: Enabled

Speed: 1000

Duplex: Full

VLAN Configuration: Tagged for VLAN60, VLAN90, VLAN120, VLAN150, VLAN220 Port 2 Configuration (Uplink to Core Switch) Status: Enabled LACP: Enabled Speed: 1000 Duplex: Full VLAN Configuration: Tagged for VLAN60, VLAN90,

VLAN120, VLAN150, VLAN220 Port 3 Configuration (Server Connection) Status: Enabled LACP: Disabled Speed: 1000 Duplex: Full VLAN Configuration: Untagged for VLAN90 (Servers) Port 4 Configuration (Server Connection) Status: Enabled LACP: Disabled Speed: 1000 Duplex: Full VLAN Configuration: Untagged for VLAN90 (Servers) Port 5 Configuration (Wired Users and WLAN) Status: Enabled LACP: Enabled Speed: 1000 Duplex: Full VLAN Configuration: Tagged for VLAN60, VLAN120, VLAN150 Port 6 Configuration (Wired Users and WLAN) Status: Enabled LACP: Enabled Speed: 1000 Duplex: Full VLAN Configuration: Tagged for VLAN60, VLAN120, VLAN150 Port 7 Configuration (Voice and Wired Users) Status: Enabled LACP: Enabled Speed: 1000 Duplex: Full VLAN Configuration: Tagged for VLAN60, VLAN90, VLAN120, VLAN220 Port 8 Configuration (Voice, Printers, and Wired Users) Status: Enabled LACP: Enabled Speed: 1000 Duplex: Full VLAN Configuration: Tagged for VLAN60, VLAN90, VLAN120, VLAN220 Port 1 Configuration (Unused) Status: Disabled LACP: Disabled Port 2 Configuration (Unused) Status: Disabled LACP: Disabled Port 3 Configuration (Connection to Device) Status: Enabled LACP: Disabled Speed: 1000 Duplex: Full VLAN Configuration: Untagged for VLAN1 (Default) Port 4 Configuration (Connection to Device) Status: Enabled LACP: Disabled Speed: 1000 Duplex: Full VLAN Configuration: Untagged for VLAN1 (Default) Port 5 Configuration (Connection to Device) Status: Enabled LACP: Disabled Speed: 1000 Duplex: Full VLAN Configuration: Untagged for VLAN1 (Default) Port 6 Configuration (Connection to Device) Status: Enabled LACP: Disabled Speed: 1000 Duplex: Full VLAN Configuration: Untagged for VLAN1 (Default) Port 7 Configuration (Connection to Device) Status: Enabled LACP: Disabled Speed: 1000 Duplex: Full VLAN Configuration: Untagged for VLAN1 (Default) Ports 1 and 2 on Switch 1 are configured as trunk ports with VLAN tagging enabled for all necessary VLANs.

Ports 3 and 4 on Switch 1 are configured for server connections with VLAN 90 untagged.

Ports 5, 6, 7, and 8 on Switch 1 are configured for devices needing access to multiple VLANs.

Unused ports on Switch 3 are disabled.

Ports 3, 4, 5, 6, and 7 on Switch 3 are enabled for default VLAN1.

Core Switch Ports should be configured as needed for uplinks to Switch 1.

Ensure LACP is enabled for redundancy on trunk ports between switches.

By following these configurations, each device will access only its correctly associated network, unused switch ports will be disabled, and fault-tolerant connections will be established between the switches.

NEW QUESTION # 45

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