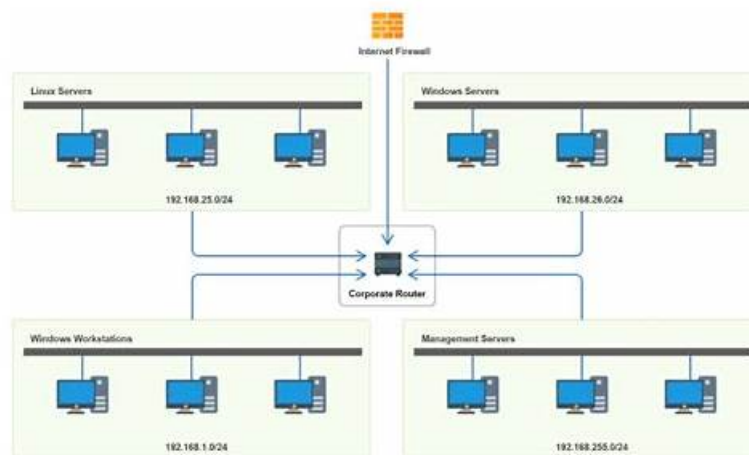


N10-009 Probesfragen & N10-009 Trainingsunterlagen



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<https://drive.google.com/open?id=1ZehqJ1NhcROboudh2XSHxPCjMjrtDwi>

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CompTIA N10-009 Prüfungsplan:

Thema	Einzelheiten
Thema 1	Network Operations: For IT operations staff and network operations center (NOC) technicians, this part of the exam covers the purpose of organizational processes and procedures and use of network monitoring technologies.
Thema 2	OSI reference model concepts, Comparison of networking appliances, applications, and functions
Thema 3	Networking Concepts: For network administrators and IT support professionals, this domain covers
Thema 4	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.
Thema 5	Cloud concepts and connectivity options, and Common networking ports.

>> N10-009 Probesfragen <<

CompTIA N10-009 Trainingsunterlagen & N10-009 Examsfragen

Wählen Sie die Fragenkataloge zur die CompTIA N10-009 Zertifizierungsprüfung von Pass4Test, können Sie neuesten Prüfungsfragen und Antworten zur CompTIA N10-009 Zertifizierung bekommen. Die Genauigkeiten der Fragenkataloge von Pass4Test kann Ihnen garantieren, dass Sie die Prüfung 100% bestehen werden. Hier können wir Ihnen versprechen, dass wir Ihnen

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CompTIA Network+ Certification Exam N10-009 Prüfungsfragen mit Lösungen (Q211-Q216):

211. Frage

You are troubleshooting a network issue involving multiple devices.

In order to ensure that all devices have synchronized timestamps in their logs for better event correlation, which of the following protocols would be the most appropriate to use?

- A. SMTP
- **B. NTP**
- C. SNMP
- D. Syslog server

Antwort: B

Begründung:

NTP (Network Time Protocol) synchronizes clocks across network devices, ensuring accurate timestamps in logs. This is critical for correlating events across different systems during investigations.

* A. Syslog collects logs but relies on accurate timestamps already present.

* B. SMTP is an email protocol, unrelated to time synchronization.

* C. SNMP is for monitoring and management, not time.

References (CompTIA Network+ N10-009):

* Domain: Network Operations - Time synchronization (NTP), log correlation, security operations.

212. Frage

What type of cable can plug directly into QSFP ports without needing separate optical transceivers?

- A. Category 6
- B. RG11
- **C. Twinaxial**
- D. Multimode

Antwort: C

Begründung:

Twinaxial (Direct Attach Copper / DAC) cables can plug directly into QSFP ports without needing separate optical transceivers.

They are cost-effective for short-distance, high-speed connections (commonly in data centers).

* A. Multimode fiber requires SFP/QSFP transceivers to convert electrical signals to optical.

* C. RG11 is coaxial cable for broadband/cable TV, not used in QSFP ports.

* D. Category 6 is twisted-pair Ethernet cabling, not directly compatible with QSFP ports.

References (CompTIA Network+ N10-009):

* Domain: Network Infrastructure - Cable types, QSFP, DAC (Twinaxial), transceiver requirements.

213. Frage

What does QoS primarily focus on in a network environment?

- A. STP
- **B. QoS**

Antwort: B

Begründung:

Quality of Service (QoS) prioritizes delay-sensitive traffic such as VoIP by assigning higher priority in queues, reducing jitter, latency, and packet loss. Implementing QoS policies ensures stable and clear voice communication.

* B. STP (Spanning Tree Protocol) prevents switching loops, but it does not address jitter or real-time traffic performance.

References (CompTIA Network+ N10-009):

* Domain: Network Infrastructure - QoS, traffic shaping, prioritization of voice/video.

214. Frage

Which of the following actions will prevent Layer 2 loops in a network design?

- A. Enforce 802.1Q tagging
- B. Change switchport speed limits
- C. Configure port security
- **D. Enable spanning tree**

Antwort: D

Begründung:

Spanning Tree Protocol (STP) is designed to detect and prevent Layer 2 loops by blocking redundant paths. If loops are possible in the design, enabling STP ensures network stability.

* B. Port security controls endpoint MAC addresses, not loops.

* C. Speed limits address bandwidth, not loop prevention.

* D. 802.1Q tagging allows VLAN separation but does not resolve loops.

References (CompTIA Network+ N10-009):

* Domain: Network Operations - Loop prevention, spanning tree, switch design.

215. Frage

Which of the following steps of the troubleshooting methodology would most likely include checking through each level of the OSI model after the problem has been identified?

- A. Establish a theory.
- **B. Verify functionality.**
- C. Implement the solution.
- D. Create a plan of action.

Antwort: B

Begründung:

Introduction to Troubleshooting Methodology:

Network troubleshooting involves a systematic approach to identifying and resolving network issues. The CompTIA Network+ certification emphasizes a structured troubleshooting methodology.

Troubleshooting Steps:

Identify the problem: Gather information, identify symptoms, and question users.

Establish a theory of probable cause: Consider possible reasons for the issue.

Test the theory to determine cause: Validate the theory with tests.

Establish a plan of action to resolve the problem and implement the solution: Create and execute a resolution plan.

Verify functionality and implement preventive measures: Ensure the solution works and prevent recurrence.

Verifying Functionality:

After implementing a solution, verifying functionality ensures that the problem is fully resolved. This involves testing the network to confirm that it operates correctly.

Checking through each level of the OSI model helps to ensure that all potential issues at different layers (physical, data link, network, transport, session, presentation, and application) are addressed.

Explanation of the Options:

A . Establish a theory: This step involves hypothesizing possible causes, not verifying functionality.

B . Implement the solution: This step involves executing the resolution plan.

C . Create a plan of action: This step involves planning the resolution, not verification.

D . Verify functionality: This step involves comprehensive checks, including OSI model layers, to ensure the issue is fully resolved.

Conclusion:

Verifying functionality is a critical step in the troubleshooting process, ensuring that the network operates correctly after a solution is implemented. It involves thorough testing across all OSI model layers.

Reference:

CompTIA Network+ guide explaining the troubleshooting methodology and the importance of verifying functionality (see page Ref9 Basic Configuration Commands).

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N10-009 Trainingsunterlagen: <https://www.pass4test.de/N10-009.html>

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