

CompTIA N10-009 Online Praxisprüfung & N10-009 Lernhilfe



Außerdem sind jetzt einige Teile dieser Zertpruefung N10-009 Prüfungsfragen kostenlos erhältlich: <https://drive.google.com/open?id=1V4zm0QM8EdK2hUO0DWNDQyMOZvWdAKLW>

Unser Zertpruefung verspricht, dass Sie die CompTIA N10-009 Prüfung einmalig bestehen und das Zertifikat von den Experten bekommen können. Denn unser Zertpruefung stellt Ihnen die besten Prüfungsfragen und Antworten zur CompTIA N10-009 zur Verfügung. Und Sie können sich schrittweise auf die Prüfung gut vorbereiten. Unser Zertpruefung verspricht, dass die Fragen und Antworten zur CompTIA N10-009 Zertifizierungsprüfung von Zertpruefung Ihren Erfolg garantiert.

CompTIA N10-009 Prüfungsplan:

Thema	Einzelheiten
Thema 1	• Network Implementation: For network technicians and junior network engineers, this section covers Characteristics of routing technologies, Configuration of switching technologies and features, and
Thema 2	• Networking Concepts: For network administrators and IT support professionals, this domain covers

Thema 3	• 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 4	• Cloud concepts and connectivity options, and Common networking ports.
Thema 5	• OSI reference model concepts, Comparison of networking appliances, applications, and functions

>> CompTIA N10-009 Online Praxisprüfung <<

N10-009 Prüfungsressourcen: CompTIA Network+ Certification Exam & N10-009 Reale Fragen

Durch die CompTIA N10-009 Zertifizierungsprüfung werden Ihre Berufsaussichten sicher verbessert werden. Denn die CompTIA N10-009 Zertifizierungsprüfung ist eine sehr beliebte IT-Prüfung. Wenn Sie die Prüfung bestehen, heißt das eben, dass Sie gute Fachkenntnisse und Fähigkeiten besitzen und geeignet für die Arbeit sind.

CompTIA Network+ Certification Exam N10-009 Prüfungsfragen mit Lösungen (Q196-Q201):

196. Frage

Which of the following cloud service models most likely requires the greatest up-front expense by the customer when migrating a data center to the cloud?

- A. Network as a service
- **B. Infrastructure as a service**
- C. Software as a service
- D. Platform as a service

Antwort: B

Begründung:

Infrastructure as a Service (IaaS) typically requires the greatest up-front expense by the customer when migrating a data center to the cloud. IaaS provides virtualized computing resources over the internet, where customers rent virtual machines, storage, and networks. The customer is responsible for managing the operating systems, applications, and data. This model often necessitates significant initial investment in planning, migration, and configuring the infrastructure. In contrast, Software as a Service (SaaS) and Platform as a Service (PaaS) models usually involve lower up-front costs because they offer more managed services.

Reference: CompTIA Network+ Certification Exam Objectives - Cloud Models section.

197. Frage

After running a Cat 8 cable using passthrough plugs, an electrician notices that connected cables are experiencing a lot of cross talk. Which of the following troubleshooting steps should the electrician take first?

- A. Check for radio frequency interference in the area.
- B. Terminate the connections again.
- **C. Inspect the connectors for any wires that are touching or exposed.**
- D. Restore default settings on the connected devices.

Antwort: C

Begründung:

Cross talk can often be caused by improper termination of cables. The first step in troubleshooting should be to inspect the

connectors for any wires that might be touching or exposed. Ensuring that all wires are correctly seated and that no conductors are exposed can help reduce or eliminate cross talk. This step should be taken before attempting to re-terminate the connections or check for other sources of interference. References: CompTIA Network+ study materials.

198. Frage

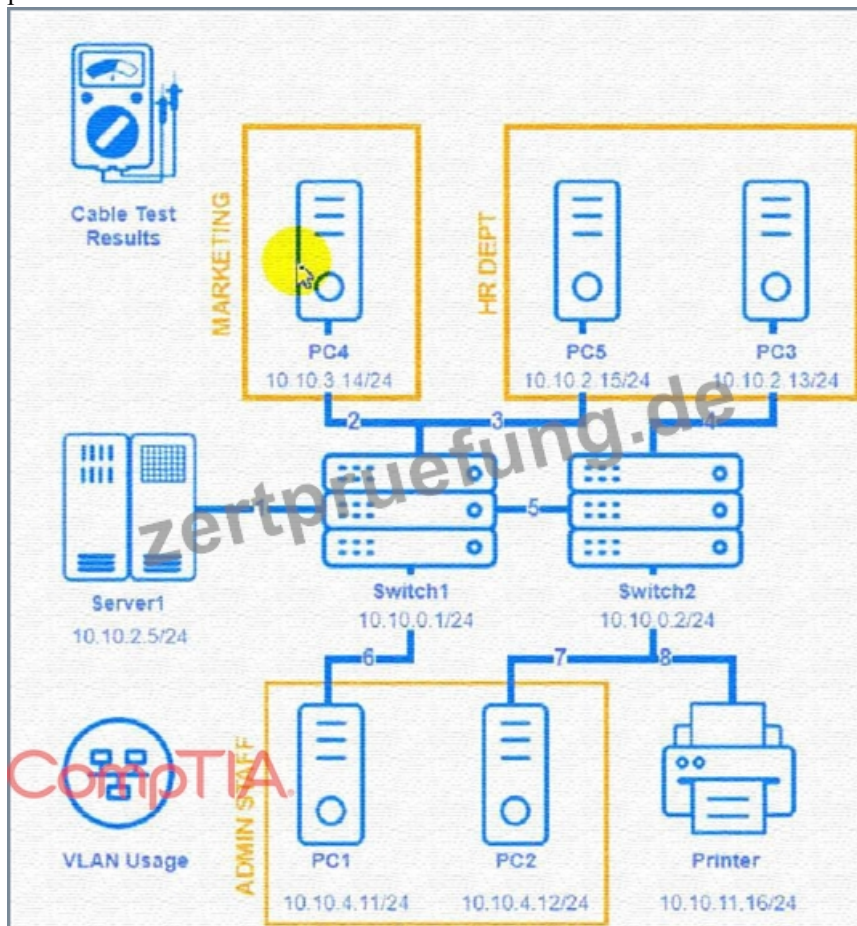
A network technician needs to resolve some issues with a customer's SOHO network.

The customer reports that some of the devices are not connecting to the network, while others appear to work as intended.

INSTRUCTIONS

Troubleshoot all the network components and review the cable test results by Clicking on each device and cable.

Diagnose the appropriate component(s) by identifying any components with a problem and recommend a solution to correct each problem.





Cable Test Results:

Cable 1:

Cable 1	Cable 2	Cable 3	Cable 4	Cable 5	Cable 6	Cable 7	Cable 8
Length: 22M VLAN: VLAN 2 Speed: 1000 FDX Port: GigabitEthernet0/1 1 2 3 6 4 5 7 8 1 2 3 6 4 5 7 8							

CompTIA

Cable 2:

Cable 3:

Cable 1	Cable 2	Cable 3	Cable 4	Cable 5	Cable 6	Cable 7	Cable 8
Length: 18M				1 2 3 6	4 5	7 8	
VLAN: VLAN 2				1 2 3 6	4 5	7 8	
Speed: 1000 FDX				1 2 3 6	4 5	7 8	
Port: GigabitEthernet0/3				1 2 3 6	4 5	7 8	

Cable 4:

Cable 1	Cable 2	Cable 3	Cable 4	Cable 5	Cable 6	Cable 7	Cable 8
Length: 20M				1 2 3 6	4 5	7 8	
VLAN: VLAN 1				1 2 3 6	4 5	7 8	
Speed: 1000 FDX				1 2 3 6	4 5	7 8	
Port: GigabitEthernet0/2				1 2 3 6	4 5	7 8	

Cable Test Results							
Cable 1	Cable 2	Cable 3	Cable 4	Cable 5	Cable 6	Cable 7	Cable 8
Length: 16M				1 2 3 6	4 5	7 8	
VLAN: VLAN 1				1 2 3 6	4 5	7 8	
Speed: 1000 FDX				1 2 3 6	4 5	7 8	
Port: GigabitEthernet0/5				1 2 3 6	4 5	7 8	

Cable Test Results							
Cable 1	Cable 2	Cable 3	Cable 4	Cable 5	Cable 6	Cable 7	Cable 8
Length: 12M				1 2 3 6	4 5	7 8	
VLAN: VLAN 1				1 2 3 6	4 5	7 8	
Speed: 1000 FDX				1 2 3 6	4 5	7 8	
Port: GigabitEthernet0/1				1 2 3 6	4 5	7 8	



HP Network Configuration Page

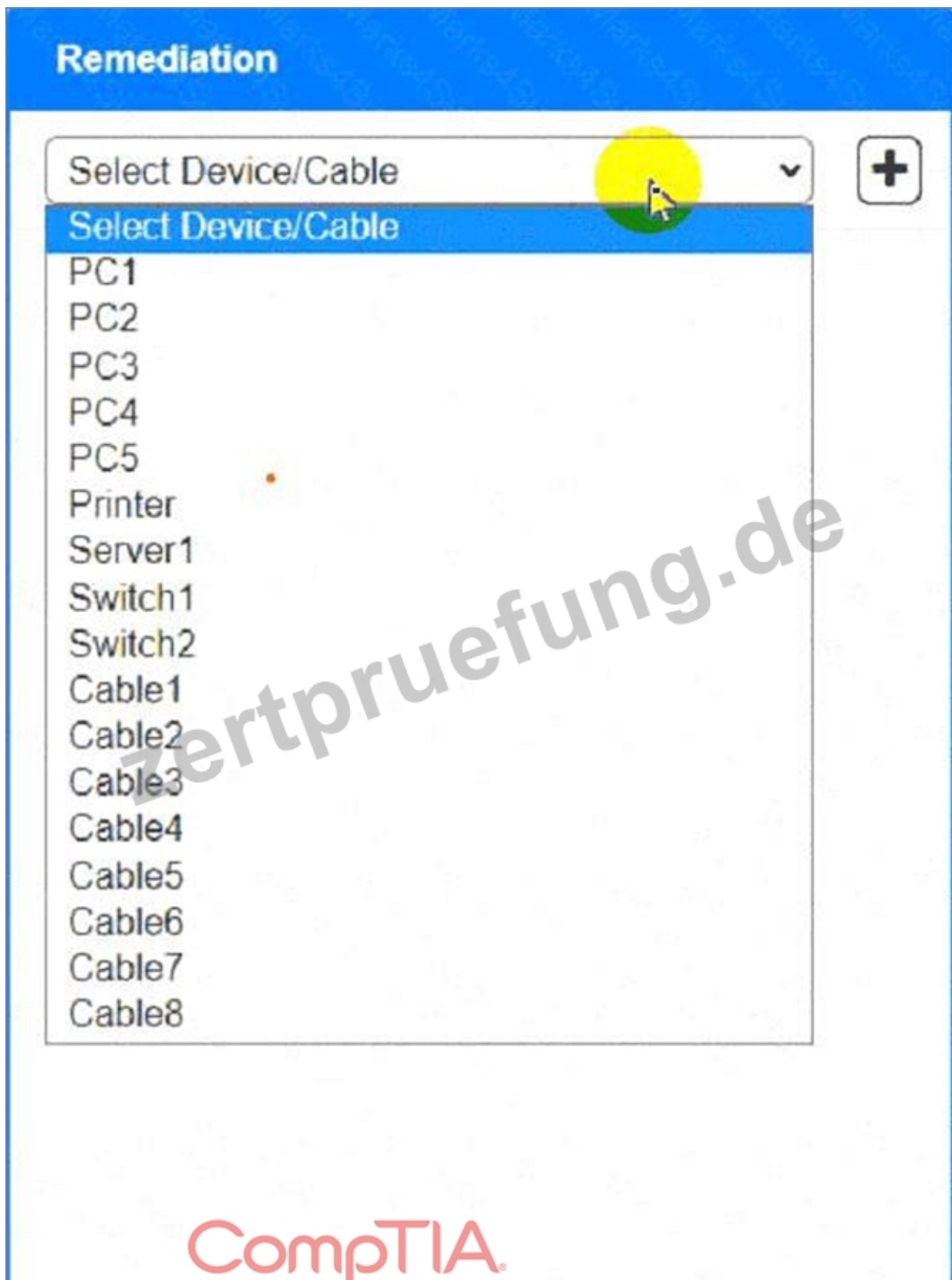
Model: HP Officejet Pro 8610

General Information

Network Status	Ready
Active Connection Type	Wired
URL(s) for Embedded Web Server	http://HP4D30EC, http://192.168.2.9
Firmware Revision	FDP1CN1347A
Hostname	HP4D30EC
Serial Number	CN3AO1KG42
Internet	Not Connected

802.3 Wired

Hardware Address (MAC)	9c:b6:54:4d:30:ec
------------------------	-------------------



Antwort:

Begründung:

See the Explanation for detailed information on this simulation.

Explanation:

(Note: Ips will be change on each simulation task, so we have given example answer for the understanding) To troubleshoot all the network components and review the cable test results, you can use the following steps:

Click on each device and cable to open its information window.

Review the information and identify any problems or errors that may affect the network connectivity or performance.

Diagnose the appropriate component(s) by identifying any components with a problem and recommend a solution to correct each problem.

Fill in the remediation form using the drop-down menus provided.

Here is an example of how to fill in the remediation form for PC1:

The component with a problem is PC1.

The problem is Incorrect IP address.

The solution is Change the IP address to 192.168.1.10.

You can use the same steps to fill in the remediation form for other components.

To enter commands in each device, you can use the following steps:

Click on the device to open its terminal window.

Enter the command `ipconfig /all` to display the IP configuration of the device, including its IP address, subnet mask, default gateway, and DNS servers.

Enter the command `ping <IP address>` to test the connectivity and reachability to another device on the network by sending and receiving echo packets. Replace `<IP address>` with the IP address of the destination device, such as 192.168.1.1 for Core Switch 1.

Enter the command `tracert <IP address>` to trace the route and measure the latency of packets from the device to another device on the network by sending and receiving packets with increasing TTL values. Replace `<IP address>` with the IP address of the destination device, such as 192.168.1.1 for Core Switch 1.

Here is an example of how to enter commands in PC1:

Click on PC1 to open its terminal window.

Enter the command `ipconfig /all` to display the IP configuration of PC1. You should see that PC1 has an incorrect IP address of 192.168.2.10, which belongs to VLAN 2 instead of VLAN 1.

Enter the command `ping 192.168.1.1` to test the connectivity to Core Switch 1. You should see that PC1 is unable to ping Core Switch 1 because they are on different subnets.

Enter the command `tracert 192.168.1.1` to trace the route to Core Switch 1. You should see that PC1 is unable to reach Core Switch 1 because there is no route between them.

You can use the same steps to enter commands in other devices, such as PC3, PC4, PC5, and Server 1.

199. Frage

A network administrator needs to create a way to redirect a network resource that has been on the local network but is now hosted as a SaaS solution. Which of the following records should be used to accomplish the task?

- A. PTR
- **B. CNAME**
- C. TXT
- D. AAA

Antwort: B

Begründung:

To redirect a network resource that has moved from a local network to a Software-as-a-Service (SaaS) solution, the network administrator needs to configure a DNS record that maps an alias to the new canonical name (hostname) of the SaaS provider's server. The CNAME (Canonical Name) record is used to alias one domain name to another, effectively redirecting requests to the new hostname without needing to update the IP address directly. This is ideal for SaaS solutions, where the provider's server hostname is used, and the IP address may change dynamically.

Why not TXT? A TXT record is used to store arbitrary text data, such as SPF records for email authentication or verification strings, not for redirecting resources.

Why not AAA? There is no such thing as an "AAA" record in DNS. This might be a typo for AAAA (IPv6 address record), but AAAA maps a hostname to an IPv6 address, not an alias.

Why not PTR? A PTR record is used for reverse DNS lookups (mapping an IP address to a hostname), not for redirecting a resource to a new hostname.

200. Frage

Which of the following most likely requires the use of subinterfaces?

- A. A hub utilizing jumbo frames
- **B. A router with only one available LAN port**
- C. A firewall performing deep packet inspection
- D. A switch using Spanning Tree Protocol

Antwort: B

Begründung:

Introduction to Subinterfaces:

Subinterfaces are logical interfaces created on a single physical interface. They are used to enable a router to support multiple

networks on a single physical interface.

Use Case for Subinterfaces:

Subinterfaces are commonly used in scenarios where VLANs are implemented. A router with a single physical LAN port can be configured with multiple subinterfaces, each associated with a different VLAN.

This setup allows the router to route traffic between different VLANs.

Example Configuration:

Consider a router with a single physical interface GigabitEthernet0/0 and two VLANs, 10 and 20.

```
interface GigabitEthernet0/0.10
```

```
encapsulation dot1Q 10
```

```
ip address 192.168.10.1 255.255.255.0
```

```
!
```

```
interface GigabitEthernet0/0.20
```

```
encapsulation dot1Q 20
```

```
ip address 192.168.20.1 255.255.255.0
```

The encapsulation dot1Q command specifies the VLAN ID.

Explanation of the Options:

A . A router with only one available LAN port: This is correct. Subinterfaces allow a single physical interface to manage multiple networks, making it essential for routers with limited physical interfaces.

B . A firewall performing deep packet inspection: Firewalls can use subinterfaces, but it is not a requirement for deep packet inspection.

C . A hub utilizing jumbo frames: Hubs do not use subinterfaces as they operate at Layer 1 and do not manage IP addressing.

D . A switch using Spanning Tree Protocol: STP is a protocol for preventing loops in a network and does not require subinterfaces.

Conclusion:

Subinterfaces provide a practical solution for routing between multiple VLANs on a router with limited physical interfaces. They allow network administrators to optimize the use of available hardware resources efficiently.

Reference:

CompTIA Network+ guide detailing VLAN configurations and the use of subinterfaces (see page Ref 9†Basic Configuration Commands).

201. Frage

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Zertpruefung ist eine professionelle Webseite, die die neuesten Testaufgaben und Antworten von CompTIA N10-009 Zertifizierungsprüfung bietet. Es ist sicherlich Ihre beste Wahl, mit unseren Lehrbüchern die CompTIA N10-009 Prüfung vorzubereiten. Zertpruefung wird Ihnen helfen, in begrenzter Zeit die N10-009 Prüfung so schnell wie möglich zu bestehen. Wenn es irgendein Qualitätsproblem von den Lehrbüchern gibt oder Wenn Sie die N10-009 Prüfung nicht bestehen, versprechen wir Ihnen eine bedingungslose volle Rückerstattung.

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