

# 試験の準備方法-最新のN10-009対応資料試験-効果的なN10-009日本語版サンプル



P.S. Pass4TestがGoogle Driveで共有している無料かつ新しいN10-009ダンプ： <https://drive.google.com/open?id=1oNZqXIkHVwkgCrvUKVfYUGXbaZ3zPmxF>

ご存知のように、当社Pass4TestのN10-009模擬試験には広大な市場があり、CompTIAお客様から高く評価されています。N10-009練習教材に少額の料金を支払うだけで、99%の確率でN10-009試験に合格し、良い生活を送ることができます。あなたの将来の目標はこの成功した試験から始まると確信しています。したがって、N10-009トレーニング資料を選択することは賢明な選択です。私たちの練習資料は、あなたの夢を達成するのにCompTIA Network+ Certification Exam役立つ知識のプラットフォームを提供します。N10-009実践教材を選択して購入してください。

## CompTIA N10-009 認定試験の出題範囲：

トピック	出題範囲
トピック 1	• Cloud concepts and connectivity options, and Common networking ports.
トピック 2	• Selection and configuration of wireless devices.
トピック 3	• OSI reference model concepts, Comparison of networking appliances, applications, and functions
トピック 4	• Network Implementation: For network technicians and junior network engineers, this section covers Characteristics of routing technologies, Configuration of switching technologies and features, and

- 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.

## &gt;&gt; N10-009対応資料 &lt;&lt;

## 信頼的なN10-009対応資料試験-試験の準備方法-素晴らしいN10-009日本語版サンプル

初心者でも経験豊富な人でも、Pass4Test学習教材は、長年にわたる試験概要の変化と業界の傾向に基づいて編集された専門家にとって最適な選択です。N10-009テストトレンドは、学習の効率を向上させるのに役立つだけでなく、レビュー時間を最大数か月から1か月、さらには2週間または3週間に短縮するのにも役立ちます。最大の改善を得る。そして、N10-009試験問題により、CompTIA、あなたのCompTIA Network+ Certification Exam成功が保証されます。

### CompTIA Network+ Certification Exam 認定 N10-009 試験問題 (Q275-Q280):

#### 質問 # 275

A network administrator's device is experiencing severe Wi-Fi interference within the corporate headquarters causing the device to constantly drop off the network. Which of the following is most likely the cause of the issue?

- A. Too many client connections
- B. Too much wireless absorption
- C. Too much wireless reflection
- D. Too many wireless repeaters

正解: C

#### 質問 # 276

A technician is troubleshooting a user's laptop that is unable to connect to a corporate server.

The technician thinks the issue pertains to routing. Which of the following commands should the technician use to identify the issue?

- A. tcpdump
- B. tracert
- C. arp
- D. dig

正解: B

解説:

The tracert (Traceroute) command is used to determine the path packets take from the source to the destination. It helps in identifying routing issues by showing each hop the packets pass through, along with the time taken for each hop. This command can pinpoint where the connection is failing or experiencing delays, making it an essential tool for troubleshooting routing issues.

#### 質問 # 277

Users are unable to access files on their department share located on file server 2.

The network administrator has been tasked with validating routing between networks hosting workstation A and file server 2.

INSTRUCTIONS

Click on each router to review output, identify any issues, and configure the appropriate solution.

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.



正解:

解説:

See the solution in Explanation.

Explanation:

To validate routing between networks hosting Workstation A and File Server 2, follow these steps:

Review Routing Tables:

Check the routing tables of Router A, Router B, and Router C to identify any missing routes.

Identify Missing Routes:

Ensure that each router has routes to the networks on which Workstation A and File Server 2 are located.

Add Static Routes:

If a route is missing, add a static route to the relevant destination network via the correct interface.

Routing Table:

Gateway of last resort is 0.0.0.0 to network 0.0.0.0

S\* 0.0.0.0/0 is directly connected, GigabitEthernet3

10.0.0.0/8 is variably subnetted, 4 subnets, 2 masks

C 10.0.4.0/22 is directly connected, GigabitEthernet2

C 10.0.6.0/24 is directly connected, GigabitEthernet2

L 10.0.6.1/32 is directly connected, GigabitEthernet2

172.16.0.0/16 is variably subnetted, 2 subnets, 2 masks

C 172.16.27.0/30 is directly connected, GigabitEthernet3

L 172.16.27.1/32 is directly connected, GigabitEthernet3

Routing Table:

Gateway of last resort is 0.0.0.0 to network 0.0.0.0

S\* 0.0.0.0/0 is directly connected, GigabitEthernet1

10.0.0.0/8 is variably subnetted, 4 subnets, 2 masks

C 10.0.0.0/22 is directly connected, GigabitEthernet1

L 10.0.0.1/32 is directly connected, GigabitEthernet1

172.16.0.0/16 is variably subnetted, 2 subnets, 2 masks

C 172.16.27.4/30 is directly connected, GigabitEthernet1

L 172.16.27.5/32 is directly connected, GigabitEthernet1

Routing Table:

10.0.0.0/8 is variably subnetted, 4 subnets, 2 masks

S 10.0.0.0/22 [1/0] via GigabitEthernet1

S 10.0.4.0/22 [1/0] via GigabitEthernet2

172.16.0.0/16 is variably subnetted, 2 subnets, 2 masks

C 172.16.27.0/30 is directly connected, GigabitEthernet2

L 172.16.27.2/32 is directly connected, GigabitEthernet2

C 172.16.27.4/30 is directly connected, GigabitEthernet1

L 172.16.27.6/32 is directly connected, GigabitEthernet1

Install Static Route to 10.0.0.0/22 via 172.16.27.1 (assuming Router C's IP is 172.16.27.1):

Destination Prefix: 10.0.0.0

Destination Prefix Mask: 255.255.252.0

Interface: GigabitEthernet3

Install Static Route to 10.0.4.0/22 via 172.16.27.5 (assuming Router C's IP is 172.16.27.5):

Destination Prefix: 10.0.4.0

Destination Prefix Mask: 255.255.252.0

Interface: GigabitEthernet1

Install Static Route to 10.0.6.0/24 via 172.16.27.2 (assuming Router A's IP is 172.16.27.2):

Destination Prefix: 10.0.6.0

Destination Prefix Mask: 255.255.255.0

Interface: GigabitEthernet2

Install Static Route to 10.0.0.0/22 via 172.16.27.1 (assuming Router B's IP is 172.16.27.1):

Destination Prefix: 10.0.0.0

Destination Prefix Mask: 255.255.252.0

Interface: GigabitEthernet1

Summary of Static Routes:

Router A:

ip route 10.0.0.0 255.255.252.0 GigabitEthernet3

Router B:

ip route 10.0.4.0 255.255.252.0 GigabitEthernet1

Router C:

ip route 10.0.6.0 255.255.255.0 GigabitEthernet2

```
ip route 10.0.0.0 255.255.252.0 GigabitEthernet1
```

These configurations ensure that each router knows the correct paths to reach Workstation A and File Server 2, resolving the connectivity issue.

### 質問 # 278

A network administrator has been tasked with configuring a network for a new corporate office. The office consists of two buildings, separated by 50 feet with no physical connectivity. The configuration must meet the following requirements:

- . Devices in both buildings should be able to access the Internet.

- . Security insists that all Internet traffic be inspected before entering the network.

- . Desktops should not see traffic destined for other devices.

#### INSTRUCTIONS

Select the appropriate network device for each location. If applicable, click on the magnifying glass next to any device which may require configuration updates and make any necessary changes.

Not all devices will be used, but all locations should be filled.

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.



#### 正解:

##### 解説:

See the step by step complete solution below.

##### Explanation:

- \* Devices in both buildings should be able to access the Internet.
- \* Security insists that all Internet traffic be inspected before entering the network.
- \* Desktops should not see traffic destined for other devices.

Here is the corrected layout with explanation:

##### \* Building A:

- \* Switch: Correctly placed to connect all desktops.
- \* Firewall: Correctly placed to inspect all incoming and outgoing traffic.

##### \* Building B:

- \* Switch: Not needed. Instead, place a Wireless Access Point (WAP) to provide wireless connectivity for laptops and mobile devices.

##### \* Between Buildings:

- \* Wireless Range Extender: Correctly placed to provide connectivity between the buildings wirelessly.

##### \* Connection to the Internet:

- \* Router: Correctly placed to connect to the Internet and route traffic between the buildings and the Internet.
- \* Firewall: The firewall should be placed between the router and the internal network to inspect all traffic before it enters the network.

##### Corrected Setup:

- \* Top-left (Building A): Switch
- \* Bottom-left (Building A): Firewall (inspect traffic before it enters the network)
- \* Top-middle (Internet connection): Router
- \* Bottom-middle (between buildings): Wireless Range Extender
- \* Top-right (Building B): Wireless Access Point (WAP)

In this corrected setup, the WAP in Building B will connect wirelessly to the Wireless Range Extender, which is connected to the Router. The Router is connected to the Firewall to ensure all traffic is inspected before it enters the network.

##### Configuration for Wireless Range Extender:

- \* SSID: CORP
- \* Security Settings: WPA2 or WPA2 - Enterprise
- \* Key or Passphrase: [Enter a strong passphrase]
- \* Mode: [Set based on your network plan]
- \* Channel: [Set based on your network plan]
- \* Speed: Auto
- \* Duplex: Auto

With these settings, both buildings will have secure access to the Internet, and all traffic will be inspected by the firewall before entering the network. Desktops and other devices will not see traffic intended for others, maintaining the required security and

privacy.

To configure the wireless range extender for security, follow these steps:

- \* SSID (Service Set Identifier):

- \* Ensure the SSID is set to "CORP" as shown in the exhibit.

- \* Security Settings:

- \* WPA2 or WPA2 - Enterprise: Choose one of these options for stronger security. WPA2- Enterprise provides more robust security with centralized authentication, which is ideal for a corporate environment.

- \* Key or Passphrase:

- \* If you select WPA2, enter a strong passphrase in the "Key or Passphrase" field.

- \* If you select WPA2 - Enterprise, you will need to configure additional settings for authentication servers, such as RADIUS, which is not shown in the exhibit.

- \* Wireless Mode and Channel:

- \* Set the appropriate mode and channel based on your network design and the environment to avoid interference. These settings are not specified in the exhibit, so set them according to your network plan.

- \* Wired Speed and Duplex:

- \* Set the speed to "Auto" unless you have specific requirements for 100 or 1000 Mbps.

- \* Set the duplex to "Auto" unless you need to specify half or full duplex based on your network equipment.

- \* Save Configuration:

- \* After making the necessary changes, click the "Save" button to apply the settings.

Here is how the configuration should look after adjustments:

- \* SSID: CORP

- \* Security Settings: WPA2 or WPA2 - Enterprise

- \* Key or Passphrase: [Enter a strong passphrase]

- \* Mode: [Set based on your network plan]

- \* Channel: [Set based on your network plan]

- \* Speed: Auto

- \* Duplex: Auto

Once these settings are configured, your wireless range extender will provide secure connectivity for devices in both buildings.

Firewall setting to ensure complete compliance with the requirements and best security practices, consider the following adjustments and additions:

- \* DNS Rule: This rule allows DNS traffic from the internal network to any destination, which is fine.

- \* HTTPS Outbound: This rule allows HTTPS traffic from the internal network (assuming 192.169.0.1/24 is a typo and should be 192.168.0.1/24) to any destination, which is also good for secure web browsing.

- \* Management: This rule allows SSH access to the firewall for management purposes, which is necessary for administrative tasks.

- \* HTTPS Inbound: This rule denies inbound HTTPS traffic to the internal network, which is good unless you have a web server that needs to be accessible from the internet.

- \* HTTP Inbound: This rule denies inbound HTTP traffic to the internal network, which is correct for security purposes.

Suggested Additional Settings:

- \* Permit General Outbound Traffic: Allow general outbound traffic for web access, email, etc.

- \* Block All Other Traffic: Ensure that all other traffic is blocked to prevent unauthorized access.

Firewall Configuration Adjustments:

- \* Correct the Network Type:

- \* Ensure that the subnet 192.169.0.1/24 is corrected to 192.168.0.1/24.

- \* Permit General Outbound Traffic:

- \* Rule Name: General Outbound

- \* Source: 192.168.0.1/24

- \* Destination: ANY

- \* Service: ANY

- \* Action: PERMIT

- \* Deny All Other Traffic:

- \* Rule Name: Block All

- \* Source: ANY

- \* Destination: ANY

- \* Service: ANY

- \* Action: DENY

Here is how your updated firewall settings should look:

Rule Name

Source

Destination

Service

Action  
DNS Rule  
192.168.0.1/24  
ANY  
DNS  
PERMIT  
HTTPS Outbound  
192.168.0.1/24  
ANY  
HTTPS  
PERMIT  
Management  
ANY  
192.168.0.1/24  
SSH  
PERMIT  
HTTPS Inbound  
ANY  
192.168.0.1/24  
HTTPS  
DENY  
HTTP Inbound  
ANY  
192.168.0.1/24  
HTTP  
DENY  
General Outbound  
192.168.0.1/24  
ANY  
ANY  
PERMIT  
Block All  
ANY  
ANY  
ANY  
DENY

These settings ensure that:

- \* Internal devices can access DNS and HTTPS services externally.
- \* Management access via SSH is permitted.
- \* Inbound HTTP and HTTPS traffic is denied unless otherwise specified.
- \* General outbound traffic is allowed.
- \* All other traffic is blocked by default, ensuring a secure environment.

Make sure to save the settings after making these adjustments.

### 質問 # 279

Which of the following is the MOST appropriate solution to extend the network to a building located across the street from the main facility?

- A. 802.11ac wireless bridge
- B. Loopback adapter
- C. Multimode fiber
- D. Cat 6 copper

正解: A

解説:

An 802.11ac wireless bridge is the most practical solution to connect two nearby buildings without trenching or laying physical cable. It provides high-speed, point-to-point connectivity using directional antennas.

- \* A. Multimode fiber is effective but expensive and typically limited to 500 meters or less.
- \* C. Cat 6 copper is only rated for up to 100 meters - not viable for a street-wide distance.

CompTIA Network+ N10-009 Official Objectives: 1.3 - Compare and contrast various network topologies, types, and technologies.

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