

# 2026 CompTIA CNX-001: CompTIA CloudNetX Certification Exam Latest Dumps Pdf



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## CompTIA CNX-001 Exam Syllabus Topics:

| Topic | Details |
|-------|---------|
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|---------|--|
| Topic 1 | <ul style="list-style-type: none"> <li>• <b>Network Troubleshooting:</b> This section of the exam measures the skills of Network Support Engineers and covers diagnosing and resolving connectivity and performance issues across various network layers. It focuses on identifying root causes, using diagnostic tools, and applying systematic troubleshooting methodologies. The goal is to ensure that professionals can minimize downtime, restore service quickly, and prevent recurring problems by maintaining a resilient and stable network environment.</li> </ul>                                  |
| Topic 2 | <ul style="list-style-type: none"> <li>• <b>Network Architecture Design:</b> This section of the exam measures the skills of Network Architects and covers the ability to design scalable, secure, and efficient network architectures. It focuses on understanding design principles, selecting appropriate network components, and aligning architecture decisions with organizational needs. Candidates are expected to demonstrate a solid grasp of topology planning, high-availability configurations, and integration of cloud and on-premise systems to ensure reliability and performance.</li> </ul> |
| Topic 3 | <ul style="list-style-type: none"> <li>• <b>Network Operations, Monitoring, and Performance:</b> This section of the exam measures skills of Network Operations Specialists and covers day-to-day operational management of network environments. It involves configuring monitoring tools, analyzing performance data, and responding to alerts. Candidates are evaluated on their ability to maintain network health, optimize throughput, and ensure consistent uptime by applying best practices for proactive performance tuning and operations management.</li> </ul>                                    |
| Topic 4 | <ul style="list-style-type: none"> <li>• <b>Network Security:</b> This section of the exam measures the skills of Security Engineers and covers core practices for protecting network infrastructure. It includes applying firewall rules, implementing access control measures, and designing secure segmentation strategies. The content emphasizes threat mitigation techniques, secure configuration of networking devices, and adherence to compliance frameworks, preparing professionals to safeguard both internal and external network assets effectively.</li> </ul>                                 |

## CompTIA CloudNetX Certification Exam Sample Questions (Q50-Q55):

### NEW QUESTION # 50

A SaaS company is launching a new product based in a cloud environment. The new product will be provided as an API and should not be exposed to the internet. Which of the following should the company create to best meet this requirement?

- A. Firewall rules allowing access to the API endpoint from the customer's VPC
- **B. A private service endpoint exposing the API endpoint to the customer's VPC**
- C. A VPC peering connection from the API VPC to the customer's VPC
- D. A transit gateway that connects the API to the customer's VPC

**Answer: B**

Explanation:

AWS PrivateLink (a private service endpoint) lets you expose your API over an interface endpoint directly into each customer's VPC without ever traversing the public internet, ensuring the service remains fully private.

### NEW QUESTION # 51

A call center company provides its services through a VoIP infrastructure. Recently, the call center set up an application to manage its documents on a cloud application. The application is causing recurring audio losses for VoIP callers. The network administrator needs to fix the issue with the least expensive solution. Which of the following is the best approach?

- A. Creating two VLANs, one for voice and the other for data
- B. Setting up VoIP devices to use a voice codec with a higher compression rate
- **C. Configuring QoS rules at the internet router to prioritize the VoIP calls**
- D. Adding a second internet link and physically splitting voice and data networks into different routes

**Answer: C**

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Quality of Service (QoS) rules at the internet router can prioritize VoIP traffic over other data, such as cloud document access.

VoIP is sensitive to latency and jitter, and configuring QoS ensures that voice packets are prioritized during congestion. This is the

most cost-effective solution that doesn't require additional infrastructure.

Relevant Extract from CompTIA CloudNetX CNX-001 Study Guide - under "Traffic Management and Prioritization":

"QoS policies are essential for ensuring that latency-sensitive traffic, such as VoIP, is prioritized over other types of data, particularly in bandwidth-limited scenarios." Other options:

- \* A. Adding a second internet link is effective but not cost-efficient.
- \* C. VLANs provide segmentation but don't guarantee bandwidth prioritization.
- \* D. Changing the codec may reduce bandwidth usage, but doesn't address prioritization directly.

#### NEW QUESTION # 52

A network architect is designing a new network for a rural hospital system. Given the following requirements:

- \*Highly available
- \*Consistent data transmission
- \*Resilient to simultaneous failures

Which of the following topologies should the architect use?

- A. Mesh
- **B. Star**
- C. Hub-and-spoke
- D. Collapsed core

**Answer: B**

Explanation:

A full-mesh topology provides multiple redundant, direct paths between every site, eliminating single points of failure, ensuring consistent transmission even if one or more links fail, and maximizing overall availability.

#### NEW QUESTION # 53

A network administrator is configuring firewall rules to lock down the network from outside attacks. Which of the following should the administrator configure to create the most strict set of rules?

- A. File blocking
- **B. Allow List**
- C. Network security group
- D. URL filtering

**Answer: B**

Explanation:

By explicitly permitting only known, approved traffic and blocking everything else by default, an allow-list policy enforces the strictest firewall posture.

#### NEW QUESTION # 54

Security policy states that all inbound traffic to the environment needs to be restricted, but all external outbound traffic is allowed within the hybrid cloud environment. A new application server was recently set up in the cloud. Which of the following would most likely need to be configured so that the server has the appropriate access set up? (Choose two.)

- **A. Network security group**
- B. Application gateway
- C. Port security
- D. IPS
- **E. Firewall**
- F. Screened subnet

**Answer: A,E**

Explanation:

A perimeter firewall enforces the organization's "deny inbound by default, allow all outbound" policy at the edge of the cloud environment, while an Azure-style NSG applies the same rule set at the VM/subnet level.

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