CompTIA CloudNetX (CNX-001)

Overview

As organizations increasingly adopt hybrid cloud solutions for cost savings and efficiency, the demand for skilled Network Architects has surged. CloudNetX, the latest certification in CompTIA's Xpert series, is tailored for seasoned professionals ready to excel in these complex environments. For professionals with at least five years of experience as a Systems Architect, Network Architect, Cloud Network Architect, Infrastructure Architect, or Enterprise Architect, CloudNetX is the next career milestone.

CloudNetX equips tech professionals with advanced skills to design, engineer, and integrate secure, scalable networking solutions in hybrid environments. Building on Network+ and Cloud+, this certification addresses the intricate challenges of modern enterprises. With CloudNetX learning and certification, candidates will master navigating both on-premises and cloud-based systems, making them sought-after experts.

This course is designed for experienced tech professionals who are looking to expand and validate their skill set. Job roles that **CloudNetX** maps to:

- Network Architect
- Cloud Architect
- Infrastructure Architect
- Enterprise Architect
- Cloud Architect
- Systems Architect

The CompTIA CloudNetX certification is good for three years from the day of your exam. The CompTIA CloudNetX certification will fully renew the CompTIA Cloud+ certification and provide 24 CEUs toward the renewal of the CompTIA Network+ certification.

Key Features

Training Delivery Options

- Private Cohort
- Self-Paced
- Mentored Learning
- Instructor-Led Training

Training Duration Options

- 5 Days
- 8 Weeks
- 13 Weeks
- Custom Option

Available Product Options

- CertMaster Perform
- CertMaster Lab

Prerequisite Courses / Knowledge

A minimum of ten years of experience in the IT field and five years of experience in a network architect role, with experience in the hybrid cloud environment. Network+, Security+, and Cloud+ or equivalent experience.

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Acquired Knowledge and Skills

The CompTIA CloudNetX certification exam will certify the successful candidate has the knowledge and skills required to:

- Analyze business requirements to design and configure secure network architecture for on-premises and cloud environments.
- Analyze requirements to design for network security, availability, Zero Trust, and identity and access management technologies.
- Apply and configure concepts and tools related to network monitoring and performance, automation, and scripting.
- Troubleshoot network issues related to connectivity, performance, access, and security.
- Perform network operation and maintenance.

Lesson Outline

1.0 Preassessment

2.0 Designing and Analyzing Networks

3.0 Troubleshooting Methodology

4.0 Comparing Network Security Principles

5.0 Planning Campus Networks

6.0 Monitoring Network Performance

7.0 Configuring Network Access and Security

8.0 Describing Network Operations

A.0 CloudNetX CNX-001 Practice Exams

Learner Outcomes

CloudNetX helps professionals develop the expertise to design, implement, and manage secure, scalable networks that integrate both on-premises and cloud systems. With a focus on practical skills like automation, monitoring, troubleshooting, and modern security practices such as Zero Trust, this vendor-neutral certification ensures candidates are ready to tackle real-world challenges.

Whether you're aiming to advance into roles like Network Architect or Enterprise Architect, or simply want to stay ahead with emerging technologies like container networking and generative AI, CloudNetX provides the tools and recognition to help you succeed. It's a certification that not only validates your technical skills but also helps you align them with business goals, making you a valuable asset in today's IT landscape.

Exam Details

Launch Date: February 2025
Number of Questions: Maximum of 90 questions
Type of Questions: Multiple choice and performance-based
Length of Test: 165 Minutes
Passing Score: Pass/Fail only; no scaled score