CompTIA CloudNetX

Course Duration: 5 Days
Exam Reference: CNX-001

Course Overview

CompTIA CloudNetX validates your ability to design and implement secure, scalable networking solutions in hybrid environments. You'll cover key areas like security design, network monitoring, performance optimization, and advanced troubleshooting, with hands-on skills such as Zero Trust implementation. This certification equips you with the expertise to advance your career as a network architect, security architect, or enterprise architect.

Prerequisites

Recommended experience: at least 10 years of IT experience, including 5 years in a network architect role, with hybrid cloud environments and foundational knowledge equivalent to Network+, Security+, and Cloud+.

Course Objectives

- Analyze business requirements and design secure network architectures tailored for hybrid environments.
- Implement Zero Trust principles, configure access controls, and secure hybrid networks to enhance network security.
- Use tools to monitor network performance, automate tasks, and maintain reliable network environments for effective network monitoring and operations.
- Diagnose and resolve connectivity, performance, and security issues to troubleshoot hybrid networks effectively.

APPLIED TECHNOLOGY ACADEMY

Contact Us

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CompTIA CloudNetX

Course Outline

Module 1: Setting Up Python and Developing a Simple Application

- Set Up the Development Environment
- Write Python Statements
- Create a Python Application
- Prevent Errors

Module 2: Processing Simple Data Types

- Process Integers and Strings
- Process Decimals, Floats, and Mixed Number Types

Module 3: Processing Data Structures

- Process Ordered Data Structures
- Process Unordered Data Structures

Module 4: Writing Conditional Statements and Loops

- Write Conditional Statements
- Write Loops

Module 5: Using Functions and Handling Exceptions

- Define and Call Functions
- Perform Basic Exception Handling