

## **CompTIA Network+ Course Description**

Our CompTIA Network+ program will teach you everything you need to confidently pass the CompTIA Network+ Exam (Exam N10-004). Our structured learning methodology provides you the course materials that will teach you the technology to be successful on the job and to pass your Network+ Certification Exam. The course materials include the best CompTIA Network+ hardcover book, online CBT (Computer Based Training) and online practice exam that will prepare you to pass your Network+ Certification Exam the first time. In addition to this our continuous hands-on lab training will give you the Networking skills to be confident and productive on the Job Day 1.

The CompTIA Network+ (Exam N10-004) Consist of Training from all 6 Domains;

### **Domain 1.0 – Network Technologies**

- Functions of Common Networking Protocols
- Commonly used TCP and UDP Default Ports
- IPv4, IPv6 and MAC Addressing Formats
- Addressing Technologies & Schemes
- IPv4 & IPv6 Routing Protocols
- Purpose and Properties of Routing Protocols
- Characteristics of Wireless Communication Standards

### **Domain 2.0 – Network Media & Topologies**

- Standard Cable Types and Properties
- Common Connector Types
- Common Physical Network Technologies
- Implementing Wiring Standards
- WAN Technology Types and Properties
- LAN Technology Types and Properties

- Common Logical Network Topologies
- Install Components of Wiring Distribution

### **Domain 3.0 – Network Devices**

- Install & Configure Common Network Devices
- Functions of Specialized Network Devices
- Advanced Switch Features
- Implement Basic Wireless Network

### **Domain 4.0 – Network Management**

- Functions of each OSI Model Layer
- Configuration Management Documentation
- Evaluate the Network based on Configuration Management Documentation
- Network Monitoring for Performance & Connectivity Issues
- Network Performance Optimization
- Network Troubleshooting Methodology
- Troubleshooting Common Connectivity Issues & Appropriate Solutions

### **Domain 5.0 – Network Tools**

- Command Line Interfaces Tools and Output Interpretation
- Network Scanners
- Hardware Tools

### **Domain 6.0 – Network Security**

- Hardware & Software Security Devices
- Common Firewall Features
- Network Access Security Methods
- User Authentication Methods
- Device Security Issues
- Common Security Threats & Mitigation Techniques