

Cradlepoint Certified Network Associate (CNA) Training

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Cradlepoint Certified Network Associate (CNA) Training by Multisoft Systems is designed to help networking professionals develop expertise in cloud-managed networking, SD-WAN technologies, LTE/5G wireless WAN solutions, and secure enterprise connectivity. The training provides a comprehensive understanding of Cradlepoint networking architecture, deployment methodologies, network configuration, troubleshooting practices, and centralized management using cloud-based platforms.

Module 1: Introduction to Cradlepoint Networking

- ✓ Overview of Cradlepoint Solutions
- ✓ Enterprise Networking Fundamentals
- ✓ Wireless WAN Concepts
- ✓ SD-WAN Introduction
- ✓ LTE and 5G Networking Basics
- ✓ Cloud-Managed Networking Overview
- ✓ Cradlepoint Product Portfolio

Module 2: Networking Fundamentals

- ✓ TCP/IP Fundamentals
- ✓ IP Addressing and Subnetting
- ✓ Routing and Switching Concepts
- ✓ VLAN Basics
- ✓ DNS and DHCP Configuration
- ✓ WAN Technologies Overview
- ✓ Network Topology Concepts

Module 3: Cradlepoint Router Architecture

- ✓ Router Hardware Components
- ✓ Router Interfaces and Connectivity
- ✓ Router Operating System Overview
- ✓ Device Initialization and Setup
- ✓ SIM-Based Connectivity
- ✓ Ethernet and Wireless Integration
- ✓ Network Interface Configuration

Module 4: Cloud Management with NetCloud

- ✓ Introduction to NetCloud Platform

- ✓ Device Registration and Provisioning
- ✓ Cloud-Based Monitoring
- ✓ Centralized Configuration Management
- ✓ Firmware and Software Management
- ✓ Device Grouping and Policies
- ✓ Dashboard and Reporting Features

Module 5: LTE and 5G Wireless WAN

- ✓ LTE Networking Fundamentals
- ✓ 5G Connectivity Concepts
- ✓ Cellular WAN Configuration
- ✓ SIM Management
- ✓ Signal Strength and Optimization
- ✓ WAN Failover and Redundancy
- ✓ Wireless Carrier Configuration

Module 6: Routing and WAN Configuration

- ✓ Static Routing
- ✓ Dynamic Routing Concepts
- ✓ WAN Interface Configuration
- ✓ Policy-Based Routing
- ✓ Traffic Prioritization
- ✓ Load Balancing Techniques
- ✓ High Availability Configuration

Module 7: VPN and Secure Connectivity

- ✓ VPN Fundamentals
- ✓ IPsec VPN Configuration
- ✓ GRE Tunneling Concepts
- ✓ Remote Site Connectivity

- ✓ Secure Branch Networking
- ✓ VPN Troubleshooting
- ✓ Encryption and Authentication Basics

Module 8: SD-WAN Fundamentals

- ✓ Introduction to SD-WAN Architecture
- ✓ Application-Aware Routing
- ✓ Traffic Steering Techniques
- ✓ WAN Optimization Concepts
- ✓ Branch Connectivity Design
- ✓ SD-WAN Deployment Models
- ✓ Performance Monitoring

Module 9: Network Security and Firewall

- ✓ Firewall Configuration
- ✓ Access Control Policies
- ✓ Threat Protection Concepts
- ✓ Secure Remote Access
- ✓ User Authentication Methods
- ✓ Network Segmentation
- ✓ Security Best Practices

Module 10: Wireless Networking Configuration

- ✓ Wi-Fi Networking Basics
- ✓ SSID Configuration
- ✓ Wireless Security Standards
- ✓ Access Point Management
- ✓ Guest Network Setup
- ✓ Wireless Performance Optimization
- ✓ RF Management Basics

Module 11: Monitoring and Troubleshooting

- ✓ Network Monitoring Techniques
- ✓ Device Health Monitoring
- ✓ Log Analysis and Reporting
- ✓ Connectivity Troubleshooting
- ✓ WAN Performance Diagnostics
- ✓ VPN Troubleshooting Techniques
- ✓ Incident Resolution Best Practices

Module 12: Deployment and Real-World Use Cases

- ✓ Enterprise Branch Deployment
- ✓ Retail Network Connectivity
- ✓ Transportation and Fleet Networking
- ✓ Remote Workforce Connectivity
- ✓ IoT and Edge Networking Use Cases
- ✓ Business Continuity Planning
- ✓ Real-World Deployment Scenarios

Module 13: Best Practices

- ✓ Cradlepoint Deployment Best Practices
- ✓ Network Optimization Techniques
- ✓ Security Recommendations
- ✓ Common Configuration Mistakes