

Check Point Certified Troubleshooting Administrator

Course Duration : 24 Hours

Course code : CCTA

1. Course Overview

The **Check Point Certified Troubleshooting Administrator** course is designed to help IT and security professionals identify, analyze, and resolve common issues in Check Point security environments. This course focuses on troubleshooting firewall policies, connectivity problems, VPN issues, performance bottlenecks, and system errors using Check Point tools and logs.

2. What you'll learn?

- Troubleshooting Check Point gateways and management servers
- Identifying policy and connectivity issues
- Analyzing logs and traffic flows
- Resolving VPN and NAT problems
- Performance and system troubleshooting
- Using Check Point diagnostic tools

3. Target Audience

- Network security administrators
- Firewall engineers
- IT support engineers
- SOC analysts
- Professionals responsible for Check Point operations

4. Pre-Requisites

- Knowledge of Check Point firewall concepts
- Experience with security policy management
- Basic understanding of networking and TCP/IP

5. Course Content (Modules)

Module 1: Troubleshooting Fundamentals

- Troubleshooting methodology
- Common Check Point issues

Module 2: Policy and Connectivity Troubleshooting

- Access control problems
- Network connectivity issues

Module 3: NAT and VPN Troubleshooting

- NAT rule verification
- VPN tunnel issues

Module 4: Log Analysis and Monitoring

- Smart Log and logs overview
- Traffic inspection

Module 5: Performance and System Troubleshooting

- CPU and memory analysis
- System health checks

Module 6: Advanced Diagnostic Tools

- Debugging commands
- Packet capture and analysis

Module 7: Basic Troubleshooting and Maintenance

- Common firewall issues
- System maintenance tasks

