

Check Point Certified Maestro Expert (CCME)

Course Duration : 32 Hours

Course code : CCME

1. Course Overview

The **Check Point Certified Maestro Expert (CCME)** course provides advanced knowledge of Check Point Maestro hyperscale network security. This course focuses on designing, deploying, and managing large-scale, high-performance security environments using Maestro Orchestrators. Learners gain skills to build elastic, scalable, and resilient security infrastructures for enterprise and data center environments.

2. What you'll learn?

- Check Point Maestro architecture and concepts
- Hyperscale security deployment
- Traffic distribution and load balancing
- High availability and redundancy
- Performance optimization
- Monitoring and troubleshooting Maestro environments

3. Target Audience

- Senior security engineers
- Network architects
- Data center security professionals
- Service provider engineers
- Advanced Check Point administrators

4. Pre-Requisites

- Strong understanding of Check Point security solutions
- Experience with enterprise firewall deployments
- Knowledge of networking and routing concepts

5. Course Content (Modules)

Module 1: Maestro Fundamentals

- Hyperscale security overview
- Maestro components and architecture

Module 2: Maestro Deployment and Configuration

- Orchestrator and Security Group setup
- Initial configuration

Module 3: Traffic Distribution and Load Balancing

- Traffic handling concepts
- Performance scaling

Module 4: High Availability and Resilience

- Redundancy models
- Failure handling

Module 5: Performance Optimization

- Throughput optimization
- Resource management

Module 6: Monitoring and Troubleshooting

- Health monitoring
- Common issues and resolution