

MDSM With VSX R77 (CCMSE)

Course Duration : 24 Hours

Course code : CCMSE-R77

1. Course Overview

The **MDSM With VSX R77 (CCMSE)** course is designed to provide advanced knowledge of managing large-scale Check Point security environments using Multi-Domain Security Management (MDSM) and Virtual Systems Extension (VSX). This course focuses on centralized management, scalability, and secure administration of multiple security domains and virtualized gateways. Learners gain practical skills to deploy, configure, and troubleshoot complex enterprise and service provider environments.

2. What you'll learn?

- Overview of Multi-Domain Security Management (MDSM)
- Understanding VSX architecture and components
- Managing multiple security domains
- Configuring virtual systems and virtual gateways
- Centralized policy management
- Monitoring and troubleshooting multi-domain environments

3. Target Audience

- Security administrators
- Network security engineers
- SOC professionals
- Service provider engineers
- IT professionals managing large security infrastructures

4. Pre-Requisites

- Strong knowledge of Check Point security concepts
- Experience with Check Point gateways and management
- Understanding of networking and firewall technologies

5. Course Content (Modules)

Module 1: MDSM Fundamentals

- MDSM architecture
- Domains and management hierarchy

Module 2: VSX Architecture and Components

- Virtual systems overview
- VSX gateway components

Module 3: Deployment and Configuration

- Installing MDSM
- Configuring VSX environments

Module 4: Managing Multiple Domains

- Domain creation and administration
- Centralized policy enforcement

Module 5: Virtual Systems Management

- Virtual gateways and interfaces
- Resource allocation and isolation

Module 6: Monitoring and Troubleshooting

- Logs and reporting
- Common issues and resolutions

Module 7: Best Practices and Use Cases

- Enterprise and service provider scenarios
- Performance optimization

