

NSE 5 FortiClient EMS 7.0 Course

Course Duration: 16 Hrs.

Course Code: NSE5-FCEMS-7.0

Course Overview

The **NSE 5 FortiClient EMS 7.0** course is designed for network and security professionals responsible for managing endpoint security at scale. This course focuses on centralized endpoint management using FortiClient Endpoint Management Server (EMS) version 7.0. Participants will learn how to deploy, configure, monitor, and maintain FortiClient endpoints while integrating EMS with FortiGate and the Fortinet Security Fabric. The course also prepares learners for the NSE 5 certification with a specialization in FortiClient EMS.

What You'll Learn?

By completing this course, you will be able to:

- Deploy and configure FortiClient EMS 7.0
- Manage endpoint security policies and profiles
- Integrate FortiClient EMS with FortiGate firewalls
- Implement Zero Trust Network Access (ZTNA)
- Monitor endpoint posture and compliance
- Manage software updates, telemetry, and licenses
- Troubleshoot endpoint connectivity and security issues

Target Audience

This course is ideal for:

- Network Security Analysts
- Endpoint Security Administrators

- Network and Security Engineers
- SOC and IT Operations Teams
- Professionals preparing for the NSE 5 FortiClient EMS certification

Pre-Requisites

Participants should have:

- Working knowledge of networking fundamentals
- Experience with FortiGate firewalls
- Basic understanding of endpoint security concepts
- NSE 4-level knowledge is recommended

Course Content

Module 1: FortiClient EMS 7.0 Architecture and Deployment

- FortiClient EMS components and architecture
- Deployment models and sizing
- Installation and initial configuration

Module 2: Endpoint Management and Policy Configuration

- Endpoint groups and profiles
- Security policies and compliance rules
- Software deployment and updates

Module 3: Integration with FortiGate and Security Fabric

- EMS and FortiGate integration
- Endpoint telemetry and visibility
- Security Fabric communication

Module 4: Zero Trust and Secure Access

- ZTNA concepts and implementation
- Endpoint posture checks
- Secure remote access use cases

Module 5: Monitoring, Compliance, and Reporting

- Endpoint monitoring and dashboards
- Compliance assessment and alerts
- Logging and reporting

Module 6: Troubleshooting and Best Practices

- Common EMS and endpoint issues
- Connectivity and policy troubleshooting
- Operational best practices and exam readiness