

## NSE 6 FortiVoice Course

**Course Duration: 16 Hrs.**

**Course Code: NSE6-FV-7.x**

### Course Overview

The **NSE 6 FortiVoice** course is designed for IT and network professionals responsible for deploying, managing, and maintaining FortiVoice VoIP solutions in enterprise environments. The course focuses on configuring FortiVoice systems, managing VoIP endpoints, call routing, and integrating voice solutions with the Fortinet Security Fabric. Participants will gain hands-on experience in voice network setup, call management, security, and troubleshooting while preparing for the NSE 6 FortiVoice certification exam.

### What You'll Learn?

By completing this course, you will be able to:

- Deploy and configure FortiVoice systems in enterprise networks
- Manage VoIP endpoints, users, and call routing
- Implement call security and VoIP best practices
- Integrate FortiVoice with FortiGate and other Fortinet solutions
- Monitor call quality, system performance, and logs
- Troubleshoot common FortiVoice issues
- Apply best practices for voice network security and reliability

### Target Audience

This course is ideal for:

- Network and VoIP Administrators
- IT and Communication Engineers

- Security Engineers managing voice traffic
- SOC/NOC Teams managing enterprise networks
- Professionals preparing for the NSE 6 FortiVoice certification

## Pre-Requisites

Participants should have:

- Basic understanding of networking fundamentals (TCP/IP, LAN/WAN)
- Familiarity with VoIP concepts and protocols (SIP, RTP, H.323)
- Experience with Fortinet products or NSE 4-level knowledge is recommended

## Course Content

### Module 1: FortiVoice Architecture and Deployment

- FortiVoice system components and models
- Deployment options and network integration
- Initial setup and configuration

### Module 2: User and Endpoint Management

- Adding and configuring users and extensions
- Managing VoIP phones and soft clients
- Call routing and dial plans

### Module 3: Call Management and Security

- Call policies, queues, and forwarding
- VoIP encryption and secure call handling
- Integration with FortiGate and Security Fabric

## **Module 4: Monitoring and Reporting**

- Monitoring call quality and system performance
- Logs, reports, and analytics
- Alerting and proactive system monitoring

## **Module 5: Troubleshooting and Best Practices**

- Common FortiVoice issues and resolutions
- Performance tuning and optimization
- Operational best practices for enterprise VoIP systems

