

ManageEngine OpManager Nexus Training

Items marked **NEW** are added or updated for Nexus.

Course Objectives

The primary objective of this course is to enable you to effectively monitor your network and its resources using OpManager Nexus. At the end of this course, you will be able to optimally use OpManager Nexus to:

- Discover the network and its resources
- Monitor its health periodically
- Identify faults and act early on them
- Determine network health and trends using intuitive reports
- Use root cause analysis and AI-driven insights to resolve issues faster **NEW**

Who Should Attend

If you are an IT Manager, System Administrator, or an Operator, and have deployed OpManager Nexus in your network for monitoring, this training helps you optimize network performance monitoring.

Course Agenda

Module 1: Introduction

- Overview of ManageEngine OpManager Nexus
- Benefits and key features of OpManager Nexus
- From OpManager Plus to Nexus: what has changed **NEW**

Module 2: Network Management Plan

- Inventory by device type
- Resources to be monitored
- Free ports for OpManager Nexus to use
- Protocol to be used for monitoring

Module 3: Installing OpManager Nexus

- Supported OS
- Minimum hardware requirements
- Supported browsers
- Installation procedure
- Starting as Windows service
- Navigating the new Nexus interface **NEW**

Module 4: Discovering the Network Resources

- Configure discovery credentials
- Discover the network and its devices
- Discover services in a device
- Categorize the device
- Discovery filters to add or ignore specific devices **NEW**

Module 5: Classifying the Devices onto Maps

- Define device templates
- Default OpManager Nexus maps
- Custom infrastructure views
- Business views
- Logical groups for bulk configuration **NEW**

Module 6: Monitoring Availability and Performance

- Monitoring protocols
- Determining availability
- Monitoring system resources
- Monitoring add-ons
- Thresholds for proactive monitoring
- Adaptive thresholds **NEW**
- Wireless LAN controller monitoring (SSIDs and access points) **NEW**
- Storage monitoring: RAID and tape library **NEW**

Module 7: Alerting Faults

- Events and alarm correlation
- Different types of alerts
- Working with alarms
- Notifying alerts through email, SMS, etc.
- Root cause analysis for faster fault isolation **NEW**
- Automating responses with workflows **NEW**

Module 8: AI and Advanced Capabilities in Nexus **NEW**

- AI-driven insights and event correlation **NEW**
- GenAI integrations and MCP server **NEW**
- Streaming telemetry with gNMI / OpenConfig **NEW**
- Hybrid view of on-premises and cloud monitoring **NEW**

Module 9: Reporting Network Performance

- SLA dashboards for availability
- Business view dashboards and reports
- Top N reports
- Custom reports
- Scheduling reports

Module 10: Integration with Other Applications

- ServiceDesk Plus for trouble-ticketing
- NetFlow Analyzer for bandwidth monitoring
- Firewall Analyzer for in-depth firewall log analysis
- Network Configuration Manager for configuration management (replaces DeviceExpert) **NEW**
- OpUtils for IP address and switch port management **NEW**
- ServiceNow integration: CMDB auto-sync, incident update, two-way sync **NEW**
- REST API for custom integrations **NEW**

Module 11: User Management

- Creating users and defining scope
- Users profile configuration

Module 12: Troubleshooting Tools

- Ping and trace route
- MIB Browser

Module 13: Maintenance

- Scheduling device downtime
- Managing the OpManager Nexus database
- Backup and restoration
- Upgrade process
- Support process