Szkolenie: Micro Focus
NNMI200 - Network Node Manager i Advanced

**FORMA SZKOLENIA** | **MATERIAŁY SZKOLENIOWE** | **CENA** | **CZAS TRWANIA**
---|---|---|---
Stacjonarne | Cyfrowe | 5040 PLN NETTO* | 3 dni
Stacjonarne | Tablet CTAB | 5440 PLN NETTO* | 3 dni
Metoda dlearning | Cyfrowe | 5040 PLN NETTO* | 3 dni
Metoda dlearning | Tablet CTAB | 5440 PLN NETTO* | 3 dni

* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

**LOKALIZACJE**

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00
Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

**Cel szkolenia:**

This course provides in-depth technical knowledge about the advanced administration of Network Node Manager i (NNMi) 2018.x.

It is intended for those who might need to use features, such as Global Network Management (GNM), user interface (UI) customization, advanced incident handling, custom event correlation, integration with Micro Focus Software products, fail-over options, and advanced command-line options. This three-day course is a mixture of lectures and hands-on exercises. Network Node Manager i 2018.11 is used during the hands-on exercises.

This course is designed for users who already have some prior knowledge and hands-on experience with Network Node Manager i 2018.x

Upon successful completion of this course, you should be able to:

- Plan for NNMi implementation
- Configure integration between NNMi and Network Automation (NA)
- Implement application failover and Global Network Management (GNM)
- Use incident correlation
- Extend NNMi functionality with custom menu actions
- Define Management Information Base (MIB) expressions and collect custom MIB data from devices
- Understand the functionality of the Multi-Protocol Label Switching, Quality Assurance Smart Plug-in (QA SPI) and Traffic Performance
Audience/Job Roles

This course is intended for NNMi administrators and anyone responsible for the installation and maintenance of NNMi.

Plan szkolenia:

- **Course Overview**
  - Participant introductions
  - Administration and housekeeping
  - Facilities
  - Participants’ responsibilities
  - Course objectives
  - Course outline
  - Exercises
  - Survey

- **Application Failover**
  - Summarize the NNMi application failover functionality
  - Configure application failover
  - Use cluster administration commands

- **NNMi Global Network Management**
  - Explain the functions and features of Global Network Management (GNM)
  - Define the two main components of GNM
  - Analyze use scenarios for GNM
  - Outline different deployment scenarios for GNM
  - List prerequisites for GNM deployment
  - Explain GNM-iSPI relations
  - Identify high-level GNM architecture
  - Explain how to plan and configure GNM for NNMi

- **Integrating NNMi, LDAP, and NA**
  - Describe how to integrate NNMi with Lightweight Directory Protocol (LDAP) and Microsoft Active Directory (AD)
  - Integrate NNMi with Network Automation (NA)

- **Custom Attributes**
  - Add custom attributes to nodes
  - Add custom attributes to interfaces
  - Populate custom attributes from the CLI

- **Advanced Protocols IPv6 and SNMPv3**
Specify the types of IPv6 addresses
Identify the notation used in writing IPv6 addresses
Describe how NNMi supports IPv6
Explain how to locate and manage IPv6 and IPv4 devices
List the prerequisites for deploying IPv6
List the components and architecture of SNMPv3
Explain how SNMPv3 security works
Describe how to configure NNMi to manage SNMPv3-enabled devices
List the general steps for configuring a network device for SNMPv3
Describe the main design goals for SNMPv3

User Interface Customization
Create a menu
Create a menu item
Create a launch action
Create a line graph action

Advanced Incident Configuration
Define a node and interface group specific to trap handling
Use the following event correlation features:
  - Dampening
  - Payload filtering
  - Pairwise
  - Rate of Deduplication
  - Custom correlation
  - Causal rules

Custom Poller
Define a MIB expression
Configure a collection policy
Define a collection threshold
Export collected data to a CSV file
Use iSPI for Performance to report on your collected data
Define MIB expressions and collections using the CLI

Managing Virtualization
Identify the hypervisor (ESXi Server) hosting a virtual machine (VM)
Use a loom map to identify the hosting hypervisor's Network Interface Card (NIC) that the VM is connected to
Use a wheel map to identify the hosting hypervisor's NIC that the VM is connected to
- NNM iSPI for QA and NNM iSPI for MPLS
  - Identify the functionality of NNM iSPI Performance for Quality Assurance Software (NNM iSPI for QA)
  - Configure and use NNM iSPI for QA
  - Identify the functionality of NNM iSPI for MPLS
  - Configure and use NNM iSPI for MPLS
  - Identify the functionality of NNM iSPI for Traffic

Wymagania:

To be successful in this course, you should have the following prerequisites or knowledge:

- Prior knowledge and hands-on experience with NNMi 2018.x and/or participation in the NNMI120 - Network Node Manager i 2018.x Essentials course

Poziom trudności

Certyfikaty:

The participants will obtain certificates signed by Micro Focus (course completion).

Prowadzący:

Authorized Micro Focus Trainer.