



HP OpenView Network Node Manager

Introducing Network Node Manager

- The network management model
- A network management protocol SNMP
- The management information base

The Architecture of NNM

- NNM directory structure
- Starting NNM services
- Initial IP discovery

Introducing the NNM User Interfaces

- Starting the NNM graphical user interface
- The submap window components
- The web launcher processes

Using Maps and Submaps

- Map and submap operations
- Creating a new map
- Setting map permissions

Using Objects and Symbols

- Setting object attributes and symbol type
- Managing and unmanaging objects
- Looking at symbol properties

Using NNM Monitoring Tools

- Testing basic connectivity
- Checking the configuration of a device
- Configuring the NNM grapher

Basic NNM Administration

- Managing NNM background services
- Configuring extended discovery
- IP discovery polling options

Working with the MIB

- The management subtree
- Loading additional MIB modules
- Using the MIB browser

Working with SNMP

- Basic SNMP communications
- Configuring SNMP community names
- Configuring SNMP and status polling

Configuring Events and Alarms

- How alarms are used
- Filtering the alarms browser
- Configuring the alarms browser

Using Data Collection and Thresholds

- MIB value thresholds
- Creating a MIB expression
- Turning data collections on and off

Configuring the NNM Web Reporting Interface

- Configuring a report
- Report generation process
- Troubleshooting the web reporting interface

Backing up NNM Data

- The automated backup script
- Operational and analytical data
- Troubleshooting backups

Configuring the NNM Web User Interface

- The session configuration file
- Configuring the launcher display
- The launcher error log

Introduction to Filters in NNM

- Finding a nodes attributes
- Building filters and expressions
- Pattern matching in NNM filters

Modifying NNM Behavior and Filters

- Map filter evaluation
- Applying a map filter
- Discovery filters and the NNM databases