

NNMi for engineers

A 2 day **Hands on** training course



Description

A hands on course focusing on network management using Network Node Manager (NNMi) on Microsoft Windows or UNIX.



Key outcomes

By the end of the course delegates will be able to:

- ✓ Describe the network management architecture.
- ✓ Use NNMi.
- ✓ Diagnose faults using NNMi.
- ✓ Recognise the MIB structure.



Training approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



Details

Who will benefit?

Network administrators. Network operators. Those wishing to find out more about how their NNMi works.

Prerequisites

TCP/IP foundation for engineers.

Duration: 2 days

Overall rating:



Generic training



Generic training complements product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

"Friendly environment with expert teaching that teaches the why before the how."
G.C. Fasthosts

Small class sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

"Excellent course. The small class size was a great benefit..."
M.B. IBM

Hands On training



The majority of our courses use hands on sessions to reinforce the theory.

"Not many courses have practice added to it. Normally just the theoretical stuff is covered."
J.W. Vodafone

Our courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

"Comprehensive materials that made the course easy to follow and will be used as a reference point."
V.B. Rockwell Collins

Customise your course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."
S.R. Qinetiq

NNMi for engineers

Course content

Network management

What is network management? Benefits, issues, demonstration.

Getting started with NNMi

Starting NNMi, IP discovery, IP monitoring, controlling IP discovery.

Using NNMi

Mapping devices, map layouts, maps and submaps, objects and symbols, object attributes, colour codings, polling.

Agents

Configuring Cisco devices for SNMP support, communities, traps, syslog.

Parts of SNMP

SNMP architecture, MIBs, The protocol. HP NNMi SNMP configuration

NNMi alarm browser

HP NNMi alarms, alarm categories, filtering alarms, alarm details window.

MIBs

MIB1, MIB2, The MIB2 groups, additional MIBs, MIB compilers, vendor MIBs. NNMi MIB loader and browser.

Monitoring devices

Polling, obtaining MIB information.

Diagnostic tools

Poll node, the ping window, protocol test, locate route

NNMi fault management

Alarms, polling, fault management, setting thresholds and configuring traps.

What our customers say

"Absolutely brilliant, very knowledgeable and helpful trainer would recommend to teach anyone. Kept me interested 100% of the time which is very impressive as this does not happen often, if at all!"

O. B. Network Rail

"The best technical course I've been on!"

L. W. Fujitsu Telecoms Europe

"Very well thought out and structured course. Would recommend 100%. Lots of equipment, good quality."

A.R. Unipart

"Course content is interesting. Relevant to current systems and presented well."

S.S-T. Arqiva

