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# HP Network Node Manager i Software Release Notes

## Software Version: 9.20

This document provides an overview of the changes made to HP Network Node Manager i Software (NNMi) version 9.20.

It contains important information not included in the manuals or in online help.

For the latest additions to these Release Notes, see [sg-pro-croweb.austin.hp.com/nnm/NNM9.20/releasenotesupdate.htm](http://sg-pro-croweb.austin.hp.com/nnm/NNM9.20/releasenotesupdate.htm).

For a list of supported hardware platforms, operating systems, and database, see the *HP Network Node Manager i Software System and Device Support Matrix*. For the list of supported network devices, see the *HP Network Node Manager i Software (NNMi) Device Support Matrix* at [sg-pro-croweb.austin.hp.com/nnm/NNM9.20/devicematrix.htm](http://sg-pro-croweb.austin.hp.com/nnm/NNM9.20/devicematrix.htm).

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## What's New In This Version

### Overview of the NNMi 9.20 Release

NNMi is a major modernization of the NNM 7.x software. This release contains many new features. Direct single system upgrades of existing NNM 6.x or 7.x installations to NNMi are not supported (see the [Upgrade Reference](#)). Single system upgrades of NNMi 9.0x and NNMi 9.1x to NNMi 9.20 are supported (see the [Upgrade Reference](#)). NNMi 8.x installations must be upgraded to NNMi 9.0x before being upgraded to NNMi 9.20.

### NNMi 9.20

#### • Upgrade Notes

- Read the new *NNMi 9.20 Upgrade Path Requirements* document for supported paths for upgrading to NNMi 9.20.
- For important notes about upgrading to NNMi 9.20, see the [Upgrade Reference](#). It is important to read these notes before performing the upgrade. The [Upgrade Reference](#) now includes information about upgrading from the following NNM and NNMi versions:
  - NNM 6.x and 7.x

# Network Node Manager Manual

**Mike Peckar**



## **Network Node Manager Manual:**

*Fognet's Field Guide to OpenView Network Node Manager* Mike Peckar, 2006      *Fognet's Field Guide to Openview Network Node Manager, 2nd Edition* Mike Peckar, 2008 This guide is written for field consultants users and administrators of the HP OpenView Network Node Manager NNM software product It was written for those who seek a shortcut to commonly used product info that is either missing or obfuscated in the product docs and it covers practical implementation information that can't be found in any product manuals or the product man ref pages This guide was gleaned from OpenView users and from the author's thirteen years of compiled notes on the product The 2nd edition covers all 7.x features through 7.53 and features expanded and improved content totaling 353 pages Note This edition has a brief description of NNM 8i features but should NOT be purchased to help with NNM 8i installations

**OpenView Network Node Manager** John Blommers, 2001

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## **Reference Manual for Telecommunications**

**Engineering** Roger L. Freeman, 1994 Contains a compendium of the most frequently used data in day to day telecommunications engineering work tables graphs figures formulae nomograms performance curves standards highlights constants and statistics Designed for easy and rapid access Comprehensive reference for designing building purchasing using or maintaining all kinds of telecommunications systems Central source of information on transmission switching traffic engineering numbering signaling noise modulation and forward error correction

**Essential SNMP** Douglas Mauro, Kevin Schmidt, 2005-09-21 Simple Network Management Protocol SNMP provides a simple set of operations that allows you to more easily monitor and manage network devices like routers switches servers printers and more The information you can monitor with SNMP is wide ranging from standard items like the amount of traffic flowing into an interface to far more esoteric items like the air temperature inside a router In spite of its name though SNMP is not especially simple to learn O'Reilly has answered the call for help with a practical introduction that shows how to install configure and manage SNMP Written for network and system administrators the book introduces the basics of SNMP and then offers a technical background on how to use it effectively Essential SNMP explores both commercial and open source packages and elements like OIDs MIBs community strings and traps are covered in depth The book contains five new chapters and various updates throughout Other new topics include Expanded coverage of SNMPv1 SNMPv2 and SNMPv3 Expanded coverage of SNMPc The concepts behind network management and change management RRDTool and Cricket The use of scripts for a variety of tasks How Java can be used to create SNMP applications Net SNMP's Perl module The bulk of the book is devoted to discussing with real examples how to use SNMP for system and network administration tasks Administrators will come away with ideas for writing scripts to help them manage their networks create managed objects and extend the operation of SNMP agents Once demystified SNMP is much more accessible If you're looking for a way to more easily manage your network look no further than Essential SNMP 2nd Edition

**Networks and Systems Management** Iosif G. Ghetie, 1997-03-31 The

deployment of communications networks and distributed computing systems requires the use of open standards based integrated management systems During the last five years the overall industry effort to develop enhance and integrate management systems has crystallized in the concept of management platforms Management platforms are software systems which provide open multi vendor multiprotocol distributed management services They allow multiple management applications to run over core platform services which constitute the essential part of the management platform framework This book provides a comprehensive analysis of the features and technical characteristics of distributed management platforms by examining both qualitative and quantitative management capabilities required by each management platform service The analysis covers the management platform run time environment the operational aspects of using management platforms the development environment which consists of software toolkits that are used to build management applications the implementation environment which deals with testing interoperability aspects of using management platforms and of course the distributed applications services which platforms make available to management applications Finally the analysis covers the capabilities of several management applications either generic or specific to devices or resources which run on top of management platforms

*StarBriefs 2001* ,2012-12-06 This compilation probably looks like one of the craziest things a human being could spend his or her time on Yet nobody would wonder at someone taking a short walk every day after twenty five years that person would have covered a surprisingly long distance This is exactly the story behind this list which appeared first as a few pages within the directory StarGuides or whatever name it had at that time and as a distinct sister publication since 1990 The idea behind this dictionary is to offer astronomers and related space scientists practical assistance in decoding the numerous abbreviations acronyms contractions and symbols which they might encounter in all aspects of the vast range of their professional activities including traveling Perhaps it is a bit paradoxical but if scientists quickly grasp the meaning of an acronym solely in their own specific discipline they will probably encounter more difficulties when dealing with adjacent fields It is for this purpose that this dictionary might be most often used Scientists might also refer to this compilation in order to avoid identifying a project by an acronym which already has too many meanings or confused definitions

Selected Topics In Communication Networks And Distributed Systems Sudip Misra,Subhas Chandra Misra,Isaac Woungang,2010-04-30 Communication networks and distributed system technologies are undergoing rapid advancements The last few years have experienced a steep growth in research on different aspects in these areas Even though these areas hold great promise for our future there are several challenges that need to be addressed This review volume discusses important issues in selected emerging and matured topics in communication networks and distributed systems It will be a valuable reference for students instructors researchers engineers and strategists in this field

*Essential SNMP* Douglas R. Mauro, Kevin James Schmidt, Kevin J. Schmidt, 2001 A practical introduction to SNMP for system network administrators Starts with the basics of SNMP how it works and provides the technical background to use it

effectively     StarBriefs Plus Andre Heck,2004-03-31 With about 200 000 entries StarBriefs Plus represents the most comprehensive and accurately validated collection of abbreviations acronyms contractions and symbols within astronomy related space sciences and other related fields As such this invaluable reference source and its companion volume StarGuides Plus should be on the reference shelf of every library organization or individual with any interest in these areas Besides astronomy and associated space sciences related fields such as aeronautics aeronomy astronautics atmospheric sciences chemistry communications computer sciences data processing education electronics engineering energetics environment geodesy geophysics information handling management mathematics meteorology optics physics remote sensing and so on are also covered when justified Terms in common use and or of general interest have also been included where appropriate     Network World ,1992-05-18 For more than 20 years Network World has been the premier provider of information intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations Readers are responsible for designing implementing and managing the voice data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce

**Network World** ,1994-09-19 For more than 20 years Network World has been the premier provider of information intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations Readers are responsible for designing implementing and managing the voice data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce     **OpenVMS System Management Guide** Lawrence Baldwin,Steve Hoffman,David Miller,2003-11-20 OpenVMS System Management Guide Second Edition the most complete book on the topic details for system administrators the tools technologies and techniques by which they can configure maintain and tune computers running Hewlett Packard s high performance OpenVMS operating system Revised by a topical authority and a principal OpenVMS engineer the book enables system administrators to perform more efficiently and effectively those everyday tasks critical to an OpenVMS system Examples have been updated to include OpenVMS VAX 7 3 and OpenVMS Alpha 7 3 1 OpenVMS administration best practices and utilities System management strategies that support business objectives Updated references to latest HP documents and other WWW resources New chapter summarizing software installation New appendix to help the hobbyist get started

*Business Data Communications and Networking* Jerry FitzGerald,Alan Dennis,2009-01-09 Over the past few years many fundamental changes have occurred in data communications and networking that will shape the future for decades to come Updated with the latest advances in the field Jerry FitzGerald and Alan Dennis 10th Edition of Business Data Communications and Networking continues to provide the fundamental concepts and cutting edge coverage applications that students need to succeed in this fast moving field Authors FitzGerald and Dennis have developed a foundation and balanced presentation from which new technologies and applications can be easily understood evaluated and compared     **UNIX**

**Review** ,1994-07      Network World ,1995-02-06 For more than 20 years Network World has been the premier provider of information intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations Readers are responsible for designing implementing and managing the voice data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce

*InfoWorld* ,1999-03-08 InfoWorld is targeted to Senior IT professionals Content is segmented into Channels and Topic Centers InfoWorld also celebrates people companies and projects      Network World ,1996-05-20 For more than 20 years

Network World has been the premier provider of information intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations Readers are responsible for designing implementing and managing the voice data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce      *OSS for Telecom Networks* Kundan Misra,2004-08-09 Places OSS

software in the context of telecommunications as a business Gives a concrete understanding of what OSS is what it does and how it does it avoiding deep technical details Frequently relates OSS software to business drivers of telecom service providers

**Fundamentals of Telecommunications** Roger L. Freeman,2005-05-20 The Second Edition of this critically acclaimed text continues the standard of excellence set in the first edition by providing a thorough introduction to the fundamentals of telecommunication networks without bogging you down in complex technical jargon or math Although focusing on the basics the book has been thoroughly updated with the latest advances in the field including a new chapter on metropolitan area networks MANs and new sections on Mobile Fi ZigBee and ultrawideband You ll learn which choices are now available to an organization how to evaluate them and how to develop strategies that achieve the best balance among cost security and performance factors for voice data and image communication

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