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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

**TD Snyder**



## **Network Node Manager Manual:**

**OpenView Network Node Manager** John Blommers, 2001 PLEASE PROVIDE COURSE INFORMATION PLEASE PROVIDE **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 **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 **UNIX Review**, 1994-07 *Integrated Network Management, III* Heinz-Gerd Hegering, Yechiam Yemini, 1993 The dramatic expansion of integrated network management knowledge achieved over the past two years is recognised in this book The significance of the recent developments is discussed as is the need to build a broad based central forum for the sharing and integration of knowledge amongst vendors and users researchers and developers standards developers and implementers LAN WAN and MAN specialists systems and networks experts indeed the whole network management community Contributions have been sourced from recognised professionals involved in various disciplines across the field This international participation ensures the expertise of vast sections of the telecommunications computer communications and computer industries is represented as well as that of leading users academic and industrial research labs The volume is divided into the following primary topics Management Architecture Distributed Systems Management Implementing Management Architectures Management Requirements Experiences and Evaluation Telecommunications Management Management Applications It is hoped the contents will not only prove to be a useful reference book and text book on current research in the field but also stimulate a further development of emerging technologies *SNMP Application Developer's Guide* Robert L. Townsend, 1995 This book disk package is the first real help that application developers working in TCP IP networks have had for working up network management applications It explores the internals of the SNMP compares version 1 and 2 provides a disk with SNMP source code an agent program and an application developer's tool set and provides a resource guide to get developers additional

information when needed *Installing and Administering ARPA Services*, 1991 Proceedings, 2004 **Business Management of Telecommunications** Heinrich M. Schoening, 2005 With the increasing necessity of today's use of telecommunications technologies businesses need to manage their telecommunications machines effectively to derive the benefits of telecommunication technology This book provides readers with the knowledge to develop both strong business management and technology skills necessary to become successful telecommunications managers Combines both topics of business management and technology management skills by using business management tools and techniques to manage a company's telecommunications function thereby maximizing benefits and minimizing associated costs A reference manual for individuals working in the telecommunications field **Telecommunications Network Management** Henry Haojin Wang, 1999 A very important book Travis Russell *Telecommunications Protocols* The complexity of telecommunications networks is growing exponentially this book is a systematic guide to standards basic concepts and current practices for telecom professionals It includes full TMN and OSI coverage coverage of all major telecom management standards scenario and example sections in each chapter coverage of Local Number Portability issues For the pro who wants a guide to all aspects of managing telecom networks **The Post Office Electrical Engineers' Journal**, 1980 *Routing and Switching* Rita Puzmanova, 2002 This book presents an overview of current technology in switching and routing the two main techniques for interconnecting networks giving an overview of the principles of both and looking at the different approaches to integrating the two techniques to gain maximum benefit from the unique and complementary features of each

**Government Reports Annual Index**, 1992 **Proceedings of the National Communications Forum**, 1987

**Server/workstation Expert**, 1999 The Ethernet Management Guide Martin A. W. Nemzow, 1995 Completely revised to cover a fast Ethernet and other advances in LAN technology this highly praised bestselling handbook has helped thousands of Ethernet managers and administrators plan install expand and troubleshoot their networks Network expert Martin Nemzow has thoroughly updated this comprehensive guide *Electronics*, 1981 June issues 1941 44 and Nov issue 1945 include a buyers guide section *IEEE Open Architectures and Network Programming Proceedings*, 2003

**Designing Database Applications with Objects and Rules** Stefano Ceri, Piero Fraternali, 1997 This text provides the Intelligent Database Environment for Advanced Applications IDEA methodology for the development maintenance and application of modern database systems It seeks to enable the reader to take advantage of current advances in software engineering techniques The book is split into three parts covering an introduction to the models and languages used in the methodology the process of analysis design prototyping and implementation and how to put the methodology to work

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