

# HP Network Node Manager i Software

For the Windows<sup>®</sup>, HP-UX, Linux, and Solaris operating systems

Software Version: NNMi 9.20

---

## HP Network Node Manager i Software—HP PCM+ Integration Guide

Document Release Date: May 2012  
Software Release Date: May 2012



## Legal Notices

### Warranty

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

The information contained herein is subject to change without notice.

### Restricted Rights Legend

Confidential computer software. Valid license from HP required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

### Copyright Notice

© Copyright 2008–2012 Hewlett-Packard Development Company, L.P.

### Trademark Notices

Adobe® is a trademark of Adobe Systems Incorporated.

HP-UX Release 10.20 and later and HP-UX Release 11.00 and later (in both 32 and 64-bit configurations) on all HP 9000 computers are Open Group UNIX 95 branded products.

Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation.

Oracle and Java are registered trademarks of Oracle and/or its affiliates.

UNIX® is a registered trademark of The Open Group.

### Oracle Technology — Notice of Restricted Rights

Programs delivered subject to the DOD FAR Supplement are 'commercial computer software' and use, duplication, and disclosure of the programs, including documentation, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement. Otherwise, programs delivered subject to the Federal Acquisition Regulations are 'restricted computer software' and use, duplication, and disclosure of the programs, including documentation, shall be subject to the restrictions in FAR 52.227-19, Commercial Computer Software-Restricted Rights (June 1987). Oracle America, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

For the full Oracle license text, see the license-agreements directory on the NNMi product DVD.

### Acknowledgements

This product includes software developed by the Apache Software Foundation.  
(<http://www.apache.org>)

This product includes software developed by the Indiana University Extreme! Lab.  
(<http://www.extreme.indiana.edu>)

## Available Product Documentation

In addition to this guide, the following documentation is available for NNMi:

- *HP Network Node Manager i Software Documentation List*—Available on the HP manuals web site. Use this file to track additions to and revisions within the NNMi documentation set for this version of NNMi. Click a link to access a document on the HP manuals web site.
- *NNMi Installation Guide*—This is an interactive document, and is available on the NNMI 9.20 product media. See the `nnmi_interactive_installation_en_README.txt` file, located on the product media, for more information.
- *HP Network Node Manager i Software Upgrade Reference*—Available on the HP manuals web site.
- *HP Network Node Manager i Software Release Notes*—Available on the product media and the NNMi management server.
- *HP Network Node Manager i Software System and Device Support Matrix*—Available on the product media and the NNMi management server.
- *HP Network Node Manager iSPI Network Engineering Toolset Planning and Installation Guide*—Available on the NNM iSPI NET diagnostics server product media.

To check for recent updates or to verify that you are using the most recent edition of a document, go to:

**<http://h20230.www2.hp.com/selfsolve/manuals>**

This site requires that you register for an HP Passport and sign in. To register for an HP Passport ID, go to:

**<http://h20229.www2.hp.com/passport-registration.html>**

Or click the **New users - please register** link on the HP Passport sign-in page.

You will also receive updated or new editions if you subscribe to the appropriate product support service. Contact your HP sales representative for details.



---

# Contents

HP NNMi–HP PCM+ Integration .....	7
Value .....	8
Integrated Products .....	8
Documentation .....	8
Using the HP NNMi–HP PCM+ Integration .....	9



# HP PCM+

HP PCM+ is a network management platform for mapping, configuring, and monitoring HP Networking devices. HP PCM+ provides the following functionality:

- Unified management of wired and wireless Ethernet across the entire network
- Configuration, updating, monitoring, and troubleshooting of HP Networking devices
- Policy-based and multi-device management
- Proactive alerts with automatic alert responses
- Advanced traffic-monitoring capabilities

For information about purchasing HP PCM+, contact your HP sales representative.

This chapter contains the following topics:

- [HP NNMi–HP PCM+ Integration](#)
- [Using the HP NNMi–HP PCM+ Integration](#)

---

## HP NNMi–HP PCM+ Integration

By including HP Network Node Manager i Software (HP NNMi) in the HP PCM+ environment, network administrators who use HP PCM+ to monitor and manage their HP Networking devices gain additional insight into those devices.

The HP NNMi–HP PCM+ integration provides the following functionality:

- Synchronization of IPv4 HP Networking device information from the HP NNMi database with HP PCM+. (At this time, HP PCM+ does not support IPv6 HP Networking devices.)
- Synchronization of SNMPv2 community strings and SNMPv3 user-based security model (USM) settings for communicating with the managed HP Networking devices between the two applications.

## Value

The HP NNMi–HP PCM+ integration provides the following benefits:

- Reduces network traffic to the HP Networking devices as HP NNMi discovers the HP Networking devices for both HP NNMi and HP PCM+.
  - HP NNMi forwards richer HP Networking device information to HP PCM+.
  - Simplified HP PCM+ network maps contain only known HP Networking devices.
- Consolidates HP Networking device event processing in HP NNMi.
- Reduces the cost of delivering maximum HP Networking device availability.

## Integrated Products

The information in this chapter applies to the following products:

- HP PCM+



For the list of supported versions, see the *NNMi System and Device Support Matrix*.

- NNMi 9.20

HP NNMi and HP PCM+ must be installed on separate computers. The NNMi management server and the HP PCM+ computer can be of the same or different operating systems.

The HP PCM+ remote agent cannot be installed on the NNMi management server.



One installation of HP PCM+ version 4.00 can integrate with HP NNMi version 8.1x (or higher) or with HP NNM version 7.x, but not with both products at the same time.

## Documentation

The HP NNMi–HP PCM+ integration is fully described in Appendix A of the *HP PCM+ Network Administrator's Guide*, which is available at <http://bizsupport1.austin.hp.com/bc/docs/support/SupportManual/c03083526/c03083526.pdf>.



---

## Using the HP NNMi–HP PCM+ Integration

The steps to enable the HP NNMi–HP PCM+ integration take place on the HP PCM+ server (configuration) and the NNMi management server (installation of PCM+ trap definitions).

Enabling the HP NNMi–HP PCM+ integration adds the ICMEVT\_PCPLUS\_EVENTS\_ALL incident configuration to HP NNMi for all application events that HP PCM+ forwards to HP NNMi. This incident has SNMP object ID .1.3.6.1.4.1.11.2.3.7.11.0.63000000.

For information about enabling, using, disabling, and troubleshooting the HP NNMi–HP PCM+ integration, see Appendix A of the *HP PCM+ Network Administrator's Guide*.



# We appreciate your feedback!

If an email client is configured on this system, by default an email window opens when you click *here*.

If no email client is available, copy the information below to a new message in a web mail client, and then send this message to **ovdoc-nsm@hp.com**.

**Product name and version:** NNMi 9.20

**Document title:** *HP NNMi— HP PCM + Integration Guide*

**Feedback:**

