

G06.30 Release Version Update Compendium

Abstract

This compendium provides a summary for the products that have major changes in the G06.30 release version update (RVU), including the products' new features, migration issues, and fallback considerations. The compendium is written for system managers or anyone who needs to understand how migrating to G06.30 affects installation, configuration, operations, system management, maintenance, applications, networks, and databases.

Product Version

N.A.

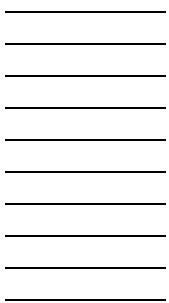
Supported Release Version Updates (RVUs)

This publication supports the G06.30 RVU only.

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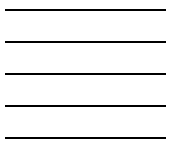
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What's New in This Manual

Manual Information

Abstract

This compendium provides a summary for the products that have major changes in the G06.30 release version update (RVU), including the products' new features, migration issues, and fallback considerations. The compendium is written for system managers or anyone who needs to understand how migrating to G06.30 affects installation, configuration, operations, system management, maintenance, applications, networks, and databases.

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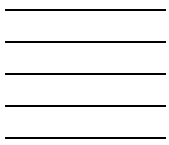
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New and Changed Information

This is a new manual.



About This Manual

This compendium provides categorized information for new features, migration issues, and fallback considerations for G06.30. It also includes references and sources for migration planning.

Who Should Use This Guide?

This compendium is written for system managers or anyone who needs to understand how migrating to G06.30 affects installation, configuration, operations, system management, maintenance, applications, networks, and databases.

Organization

Section	Description
Section 1, G06.30 Overview	An overview listing the products that have major changes
Section 2, Operating System Section 3, Application Development Products Section 4, Database and Transaction Processing Products Section 5, Installation and Configuration Products Section 6, Manageability Products Section 7, Hardware Products Section 8, Networking Products	Categorized product information that summarizes: <ul style="list-style-type: none">● New features● Migration issues (if available)● Fallback considerations (if available)
Appendix A, Sources for Migration Assistance and Information	References and sources for migration planning

Related RVU Manuals

For a list of RVU and migration manuals, see [NonStop Technical Library \(NTL\)](#) on page A-3.

1 G06.30 Overview

This section lists the major new features for the G06.30 RVU.

Major New Features

For descriptions of new features, see the appropriate sections in [Table 1-1](#).

Table 1-1. Summary of the G06.30 RVU

Sections and Categories	Major New Features	Migration Alerts	Fallback Alerts
Section 2, Operating System	<ul style="list-style-type: none">• OSS Name Server Limits Relief	X	
Section 3, Application Development Products	<ul style="list-style-type: none">• No new features in the G06.30 RVU		
Section 4, Database and Transaction Processing Products	<ul style="list-style-type: none">• ODBC/MX		
Section 5, Installation and Configuration Products	<ul style="list-style-type: none">• No new features in the G06.30 RVU		
Section 6, Manageability Products	<ul style="list-style-type: none">• NetBatch		
Section 7, Hardware Products	<ul style="list-style-type: none">• No new features in the G06.30 RVU		
Section 8, Networking Products	<ul style="list-style-type: none">• TCP/IPv6 Subsystem		X

Products Removed From the Site Update Tape (SUT)

The following products are removed from the site update tape (SUT) at G06.30:

- T9683 (NSX)
- T8975 (OMF)
- T8484 (NSXGEM)
- T5870 (OMFGUI)

For recent product removal information, see the Discontinuation Notices at <http://h20223.www2.hp.com/NonStopComputing/cache/77208-0-0-225-121.aspx>.

2 Operating System

OSS Name Server Limits Relief

New Feature and Migration Alert

The default values of the INODECACHE and LINKCACHE attributes of the OSS Name Server are changed from 4096 to 64,000.

3

Application Development Products

The G06.30 RVU contains no new features for the application development products.

4

Database and Transaction Processing Products

ODBC/MX

Information about the catalog and schema, along with the ODBC/MX resource statistics information, is returned in the EMS logs for event message 21035.

5

Installation and Configuration Products

The installation and configuration products have no new features for the G06.30 RVU.

6

Manageability Products

NetBatch

- NetBatch increases the WAITON limit for jobs from 20 to 50. You can now configure a job with a maximum of 50 master jobs.

In addition, the error message and the help text are modified to reflect the WAITON limit change.

- The scheduler now assigns job numbers consecutively in the range 1 through 32767. Previously, job numbers were assigned consecutively in the range 1 through 9999.

7 Hardware Products

The G06.30 RVU contains no new features for hardware products.

8 Networking Products

TCP/IPv6 Subsystem

New Feature

A new option is provided to cause XDCMPReconfigure to deny requests from a remote host. When this feature is enabled, XDCMPReconfigure does not respond to requests from the remote host. This new feature works by setting up filters that deny ICMP packets of type 17 (ICMP_MASKREQ). This feature enhances the security of the TCP/IPv6 subsystem.

This new feature is disabled by default. (That is, remote requests are accepted). To enable the feature, you must explicitly enable the ICMP-FILTER-PACKETS parameter through SCF.

Fallback Alert

If the new TCP/IPv6 feature does not perform correctly, you can disable it (it is disabled by default) by disabling the ICMP-FILTER-PACKETS parameter through SCF. Alternatively, you can install the previous version of T1265/T1268, but this requires a coldload.

A

Sources for Migration Assistance and Information

This appendix describes the assistance HP provides when problems arise during the migration and testing process. HP also provides services that can help you develop a migration plan and implement migration tasks. Most migration and release documentation is available through the HP NonStop Technical Library (NTL).

This appendix includes information about these sources for migration assistance and information:

- [ExpressNotice](#)
- [Information on the Site Update Tape \(SUT\)](#)
- [Scout for NonStop Servers](#)
- [Global Mission Critical Solution Center \(GMCSC\)](#)
- [NonStop Technical Library \(NTL\)](#)

ExpressNotice

ExpressNotice is an automated information delivery system that proactively sends information pertinent to your installed products and software release whenever there are any issues or changes. (ExpressNotice generates notices only for supported RVUs.) Use ExpressNotice to customize your information notification needs interactively online. You can access ExpressNotice through the HP NonStop eServices Portal at <https://onepoint.nonstop.compaq.com/buildpage.asp>.

ExpressNotice message types include:

- Software Revision Notifications summarize the content and impact of newly released, generally available time-critical fix software product revisions (SPRs).
- Hotstuff messages alert you to product problems that might have particularly serious consequences. The three types of Hotstuff messages are general, Outage Prevention Notifications (OPNs), and Software Recall/Withdrawal.
- Support Notes (SUPNOTES) provide information of a more routine nature than that provided in Hotstuff messages.

ExpressNotice messages are also available through Scout for NonStop Servers (see page [A-2](#)).

You can ask the Global Mission Critical Solution Center (GMCSC) for the *ExpressNotice User's Guide*. You can also contact the ExpressNotice Help Desk by e-mail at express.notice@hp.com.

Information on the Site Update Tape (SUT)

These documents are available on the Y9230G_{nn} release subvolume located on the SUT for each G-series RVU:

- Content file
Contains a list of the product versions and software product revisions (SPRs) that are included on the site update tape (SUT).
- README
This file contains information that was not yet available when the manuals or softdocs were published.

You can access all other RVU information through NTL.

Scout for NonStop Servers

Scout for NonStop Servers is a Web-based SPR analysis and delivery tool available through Electronic Support Services. You can access Scout through the HP NonStop eServices Portal at <https://onepoint.nonstop.compaq.com/buildpage.asp>. Online help for using Scout is available at the Scout Web site.

By providing access to a data warehouse with SPR information for many different RVUs, Scout makes SPR analysis fast, easy, and accurate. Through the Scout main menu, you can display detailed information about:

- Release version updates (RVUs)
- Product versions (PVs) and software product revisions (SPRs)
- Outage Prevention Notifications, Hotstuff messages, and Support Notes
- Prerequisites for an SPR
- Available SUTs and Independent Products

After researching available SPRs, you can download those you consider appropriate for your systems directly to your workstation, or you can request tape delivery.

Global Mission Critical Solution Center (GMCSC)

If you have questions or problems while implementing your migration plan or testing a new system, contact the Global Mission Critical Solution Center (GMCSC) at 1-800-255-5010.

You can also access information on products and services at <http://support.nonstop.compaq.com/>.

NonStop Technical Library (NTL)

In addition to this compendium, RVU and migration information is available in several other documents and manuals that you can access through NTL. Information is provided about planning your site for a new NonStop server, product installation and configuration, product availability in a particular RVU, and performance information for a specific RVU.

- *G06.30 Software Installation and Upgrade Guide*

Provides procedures for upgrading to the G06.30 RVU. Instructions include installing the G06.30 SUT and other related installation tasks.

- *NonStop S-Series Hardware Installation and FastPath Guide*

Written for anyone qualified to install a NonStop S-series server. Describes how to install and start a NonStop S-series server for the first time. It includes information about installing server hardware, cabling system enclosures, installing and starting system consoles, installing external system devices, starting the server, and configuring the server after startup. This guide also includes a case study of installing a sample system and a quick reference to installing and configuring a two-processor or four-processor NonStop S-series server in the Tetra 8 topology.

- *NonStop S-Series Planning and Configuration Guide*

Describes the ServerNet system area network (ServerNet SAN), the available hardware and software configurations for NonStop S-series servers, site planning and preparation, creating the operational environment, and making hardware and software configuration changes to an existing server. This guide describes how to plan and configure a NonStop S-series server and provides a case study documenting a sample system. This guide is written for those who are responsible for planning the installation, configuration, and maintenance of the server and the software environment at a particular site.

- *Hotstuff Messages*

If you do not enroll to receive ExpressNotice messages, you can view Hotstuff messages, SPR Notes, or other ExpressNotice messages in the NTL Support and Service library. For more information, see [ExpressNotice](#) on page A-1.

Note. SPR Notes are discontinued as of June 2006. Previously published SPR Notes continue to be available in NTL.

- *The Interactive Upgrade Guide and the Interactive Upgrade Guide 2*

Browser-based tools that are accessed through NTL, these guides provide customized migration planning information and highlight new features. The Interactive Upgrade Guide supports D-series through G06.24 RVUs. The Interactive Upgrade Guide 2 supports G06.16 and later RVUs and H-series RVUs.

- *Managing Software Changes*

Serves as an introduction and reference to the TRM2000, the system migration and installation process, SPR analysis, and HP resources for evaluating new RVUs and SPRs.

- *NonStop S-Series Operations Guide*

Written for system operators, this guide describes how to perform routine system hardware operations for NonStop S-series servers. These tasks include starting and stopping the system, monitoring the system, operating disk and tape subsystems, performing routine hardware maintenance, and performing recovery operations.

- *NonStop S-Series Service Provider Supplement*

Written for system support planners responsible for the correct operation of system hardware, this guide describes how to replace system hardware components defined as field-replaceable units (FRUs) on a NonStop S-series server. You can find this document in the Hardware Service and Maintenance Publications category of the NTL Support and Service library.

- *The NonStop System Console Installer Guide*

Provides information about upgrading a system console to the latest versions of the applications delivered on the NonStop System Console Installer CD.