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NonStop Computing Update January 2006



Welcome to the January 2006 edition of the *NonStop Computing Update*, a newsletter providing the latest information about HP Integrity NonStop and HP NonStop servers.

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Seven minutes to full disaster recovery

Seven minutes flat. That's all the time it took the Ontario Ministry of Health and Long-Term Care to switch its Health Network System (HNS) from primary processing to backup disaster recovery procedures when a network outage occurred during peak production hours. Because HNS is critical to Ontario's pharmacies and emergency services, NonStop Remote Database Facility (NonStop RDF) software was chosen for the disaster recovery implementation. Though NonStop RDF takes mere seconds to enable a switchover to backup computing, it is the human and system processes and procedures that must be mastered to make a rapid change and achieve full business continuity. » [Read the full article](#)

NonStop Servlets for JSP Version 5.0

NonStop Servlets for JavaServer Pages (NonStop Servlets for JSP) Version 5.0 software continues the tradition of using a deep port of Apache Tomcat to provide reliable and scalable servlets and JSP capability on NonStop servers. With significantly increased performance, the software delivers easy-to-use Java™ Servlets and JSP functionality for applications that dynamically arrange data on client devices, especially browsers. Version 5.0 also includes the ability to monitor and control NonStop Servlets for JSP servers in real time. » [Read the product announcement](#)

New MRL50 Midrange Tape Library

The new MRL50 Midrange Tape Library is modular in architecture and redundantly powered, with a rack-mounted base unit that includes robotics plus two tape drives, 50 user cartridge slots, and five cartridge access ports. For NonStop S-series servers, it can scale to 18 tape drives or 530 user cartridge slots. For Integrity NonStop servers, it provides a Fibre Channel library management interface, two LTO Gen 3 Fibre Channel drives, and can scale up to 212 terabytes of native capacity with an aggregate transfer rate of 5.2 terabytes per hour. » [Read the product announcement](#)

System migration with NonStop AutoSYNC

The new release of NonStop AutoSYNC software includes a REPORT feature that facilitates migration to Integrity NonStop servers. With a single command, REPORT quickly estimates the scope of a data and object synchronization effort and provides a detailed report. » [Read more about HP business continuity and disaster-tolerant products](#)

NonStop Advanced Architecture on HP Enterprise TV

A fascinating video about the NonStop Advanced Architecture (NSAA) is now showing on HP Enterprise TV. Just over two minutes long, the video explains how the unique NSAA architecture design can raise the availability bar from "five 9s" to an astounding seven 9s, all while leveraging industry standards and modular components to achieve the highest levels of availability and scalability at a significantly improved price/performance ratio. To find the video within HP Enterprise TV, type "NSAA" in the Video search box on the lower left of the screen. » [Read more](#) » [Go to HP Enterprise TV](#)

Re-hosting a legacy IBM mainframe application

A new white paper describes a recent NonStop Solutions Development and Integration (SDI) services engagement in which HP worked with a large financial institution to develop a winning proposal for re-hosting a legacy IBM mainframe application that is "in the strategic heart" of the enterprise. » [Download the white paper](#)

Transitioning from Club NSAA to NSAA Ready

Nearly every NonStop solution partner joined Club NSAA last year to utilize the program for validating application software for the NonStop Advanced Architecture (NSAA) running on the Integrity NonStop server. Now, Club NSAA members are gaining the NSAA Ready designation for their solutions. » [Read more](#)

Find NonStop NSAA Ready solutions

Today, there are more than 100 solutions available from 34 partners for the NonStop Advanced Architecture (NSAA) running on Integrity NonStop servers. Find them by using a new online tool that lets you search by partner name, solution name, or industry/solution category. Self-certified NSAA Ready solutions from Integrated Research, Insession, comForte, Crystal Point, TSI, XYPRO, and many others are included and more are being added daily. » [Read more](#) » [Find NSAA Ready Solutions](#)

General News

HP OpenView software enhanced

HP announced new and enhanced HP OpenView software and services that improve the speed and quality of IT service delivery using a tighter linkage between technology and business processes. » [Read more](#)

Preparing grid for the mainstream

Companies exploring grid technology are encountering barriers common to any emerging technology. Mark Linesch, Global Grid Forum chairman and an executive in HP's Office of Strategy and Technology, discusses the progress of grid computing standards and the benefits that grid computing will bring to enterprise IT. » [Read more](#)

Partner News

BHMI migrates FAA to NonStop servers

Baldwin Hackett & Meeks, Inc. (BHMI) has migrated its high-performance, mission-critical weather switching application for the Federal Aviation Administration (FAA) to the NonStop S-series platform. BHMI also reports that its AMCI Base Networking System software application has completed its 16th year of operation at Union Pacific Railroad, running without a single production failure on NonStop servers. » [More about the FAA migration](#) » [More about Union Pacific Railroad's NonStop server track record](#)

CAIL Enterprise Connectivity Solution

The CAIL "Enterprise Connectivity Solution" enables NonStop server-based information services to be integrated within a heterogeneous IT infrastructure, simplifying the systems environment, reducing administration time, and cutting costs. » [See an overview of CAIL Enterprise Connectivity Solution advantages](#)

comForte RFC4217 and SSL support

A new standard for securing FTP with the TLS/SSL protocol ensures that solutions from different vendors and for different platforms can cooperate seamlessly. comForte products SecurFTP, MR-Win6530, and J6530 all support the new RFC4217 standard. In other news, comForte offers a new Security Package plug-in for HP Web ViewPoint software that provides SSL-level security for all communication and includes a secured block mode Terminal Emulator and FTP tool. » [comForte encrypted FTP solutions](#) » [Web ViewPoint Plug-in features](#)

Upcoming Customer ConCalls

The following one-hour webcasts, presented from 8:00 to 9:00 a.m. PDT (U.S.), are accessible over worldwide toll-free phone numbers for audio and use the HP Virtual Classroom (HPVC) for slide display.

- January 12
Topic: NonStop Update
Presenter: Martin Fink
- February 2
Topic: NonStop Release Model
Presenter: Karen Copeland
- March 2
Topic: NonStop SQL Strategy and Direction
Presenter: Rohit Jain

» [Sign up for conference announcements, view upcoming presentations, or replay previous calls.](#)

ETI-NET's EZX Gateway and BackBox FC

HP has certified ETI-NET's EZX Gateway for Integrity NonStop systems. EZX Gateway provides a high-performance, easy-to-implement solution for moving large volumes of data to and from IBM mainframe, UNIX®, Linux, and Windows® servers. In addition, ETI-NET recently introduced BackBox over Fibre Channel. For more information, contact information@etinet.com

GreenHouse's FieldEncryption

GreenHouse's new FieldEncryption product is a TAL/pTAL procedure, based on Triple DES encryption, that encodes and decodes fields within records. For more details, contact Info@GreenHouse.de » [Greenhouse freeware](#)

Sprint Nextel selects Attunity for ZLE system

Sprint Nextel Corporation has selected Attunity's data integration platform to provide seamless access to voice network operational and call detail records for what is widely known as the industry's first HP Zero Latency Enterprise (ZLE) system. » [Read more](#)

Scan/Clean-up for TapeLabs Virtual TapeServer

Scan/Clean-up, available in Virtual TapeServer Release 6.03.31, provides powerful rules-based parameters for managing disk utilization by virtual cartridge size, migration status, elapsed time, frequency of action, and disk utilization thresholds. For more information, contact TapeLabs at +1 (310) 577 1700. » [Read more about Virtual TapeServer](#)

XYGATE Secure Shell and Password Quality products

XYGATE Secure Shell (XSH) software supplies remote access and file transfer to and from the NonStop server Open Systems Services (OSS) environment. It encrypts all traffic, including passwords, to eliminate eavesdropping, hijacking, and other network-level attacks. In other news, XYGATE Password Quality (XPQ) software provides a wide range of password strengthening techniques that help withstand a dictionary attack. To find out more about how to prevent this type of attack, contact XYPRO at info@xypro.com to receive the Preventing a Successful Dictionary Attack solution paper. » [More](#)

Service and Support News

Support Notes, November and December 2005

[View the NonStop Support Notes released during November and December 2005.](#)

Fun Stuff

A tone heard 'round the world

1938-it was the year when Bill Hewlett and Dave Packard rented a small garage where they launched a technology giant, Hewlett-Packard. The same place where HP's first patented product was created. Now, flash forward to 2005. Mark Hurd, now CEO and president of the company bearing the inventors' names, stands in that same garage for a ribbon-cutting ceremony that marks the end of a year-long restoration project. Slicing through the fabric of time, the building now reflects an era that defined a Fortune 50 company- and a company that defined an industry. » [Read more](#)

User Group News

Save the dates: ITUG 2006 conferences

ITUG announces the 2006 dates for its major conferences.

ITUG Europe 2006

May 15-17

Amsterdam, The Netherlands

ITUG Summit 2006

October 15-19

San Jose, CA (USA)

» [See the ITUG website for exhibitor information, a call for speakers, and more details](#)

Regional User Group updates

There are more than 30 active ITUG Regional User Groups (RUGs) worldwide. Currently published meeting schedules are listed here. For updated information, check the 2006 ITUG calendar at <http://itug.org/regions/sig-rug-cal.cfm>

» [BITUG](#): The British Isles NonStop User Group will hold a two-day roadshow on April 4 in Manchester and on April 6 in London. The BITUG Golf Challenge day will be held on April 3 in the Manchester area.

» [INUG](#): The Iberian NonStop Users Group is planning a meeting in March 2006 in Madrid that will focus on application development environments and tools. See the INUG website for more details.

» [MRTUG](#): The Midwest Region Tandem Users Group will participate in the Midwest Roadshow on January 25 in Shaumburg, Illinois. MRTUG will hold a Prairie Summit April 27-28 in Chicago, Illinois.

» [NRTUG](#): The Northeast Regional Tandem Users Group will hold a meeting on January 20 at the HP offices in New York City.

» [OZTUG](#): The Australian Tandem Users Group will hold its Australasia and ITUG Conference and Trade Show in Sydney on July 24-25.

» [SATUG](#): The South African NonStop User Group will hold a Summit on February 20-22, 2006 in Fanderbijlpark. In addition, a free training day will be available on February 23, 2006.

» [SCTUG](#): The Southern California Tandem Users' Group will hold a meeting on January 12 in Anaheim.

Important Phone Numbers and Links

(Phone numbers are for North America only, unless otherwise noted.)

» [NonStop news](#)

The very latest NonStop product news.

» [Global Customer Support Center:](#)

1 (800) 255 5010 (U.S. only)
Technical hardware and software defect support and usage assistance.

» [NonStop Presales Group:](#)

1 (800) 282 6672 Product information, price quotations, order processing information.

» [NonStop eServices portal](#)

A convenient, password-protected portal with access to a wide variety of services.

» [NonStop partners](#)

Information on strategic partnerships, partner products, services, and solutions.

» [NonStop Education & training:](#)

1 (800) 472 5277 Education schedules, information, prices, and class enrollments.

» [NonStop Customer Conference Call](#)

Monthly technical updates-a "What's New" in the NonStop world.

» [NonStop Technical Library](#)

A wide range of NonStop product publications, including technical manuals, articles, and support information.

» [Business continuity and disaster recovery solutions](#)

Basic information about business continuity, NonStop products and services for business continuity and disaster recovery, and customer successes.

» [NonStop software](#)

Information for developers of NonStop system applications.

» [Interactive Upgrade Guide](#)

An interactive tool to help plan system release migrations.

» [Web technology](#)

Preserving your investment in NonStop system business applications and databases while applying the latest Internet technologies.

» [Product information for Integrity NonStop and NonStop servers](#)

» [HP alternatives for legacy mainframes/Mainframe Transition Tool Matrix](#)

» [ITUG](#), a user group for the NonStop server community:
+1 (312) 321 6851

» [NonStop Services & support](#)

» [Network & service providers](#)

<http://www.hp.com/go/nonstop>

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