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NonStop Computing Update February 2007



Welcome to the February 2007 edition of the *NonStop Computing Update*, a newsletter with information about HP Integrity NonStop and HP NonStop servers.

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Integrity NonStop NS1000 server takes

SearchDataCenter's bronze

"Businesses are focusing on energy efficiency in the data center; the latest bells and whistles won't win an award if it doesn't solve real-world problems." So say the editors at SearchDataCenter.com. This is the credo that led them to honor the Integrity NonStop NS1000 server with an award for one of the Best Data Center Products of 2006. After SearchDataCenter.com's independent experts judged more than 200 product entries—based on innovation, performance, and ease of integration into existing environments—HP won two of the three awards presented in the server category, with the HP BladeSystem c-Class server taking the silver award and the Integrity NonStop NS1000 server the bronze award.

>> [Read more.](#)

Nigeria Inter-Bank Settlement System selects NonStop system and ACI's BASE24-es

NIBSS (Nigeria Inter-Bank Settlement System), the Nigerian national interbank payment and settlement network operator, is implementing a system to drive the Nigeria Central Switch for transferring payments messages around the country. According to an article published by *Finextra*, NIBSS will use the ACI Worldwide BASE24-es platform and NonStop systems to provide interconnectivity and interoperability between electronic funds transfer (EFT) switches in the country. The firm,

300 GB Fibre Channel disk for Integrity NonStop servers

HP announces the immediate availability of a 300 GB, 15K RPM Fibre Channel disk for Integrity NonStop servers. Software support for the 300 GB disk is included with the generally available release version update (RVU) H06.07 of the NonStop operating system, Mission Critical Edition. The Fibre Channel Disk Module (FCDM) with Fibre Channel drives can be connected to both Integrity NonStop and NonStop S-series systems.

>> [Read more.](#)

RVU G06.30 for NonStop S-series servers ships

G06.30 is a generally available RVU of the NonStop operating system for NonStop S-series servers. Available now, RVU G06.30 includes the following new and enhanced functions, as well as defect repair:

- The default values of the INODECACHE and LINKCACHE attributes of the HP Open System Services (OSS) Name Server have been changed from 4,096 to 64,000.
- Visual Inspect software has been improved in a number of ways ([refer to the G06.30 RVU Compendium in the NonStop Technical Library \(NTL\)](#) for additional information).
- NetBatch software has been improved to support configuration of a maximum of 50 master jobs and an increase to a maximum of 32,767 assigned job numbers for the scheduler.

>> [See a complete list of product versions and software product revisions \(SPRs\) included in RVU G06.30.](#) Navigate to G06.30: Publications:Release and Migration.

NonStop AutoTMF OSS and Java Automatic TMF support

NonStop AutoTMF now supports automatic TMF transaction protection for OSS programs developed in C, COBOL, and Java™ classes that use the JEnscribe EnscribeFile class on Integrity NonStop servers. Further details on this feature can be found in the support document, "[Using NonStop AutoTMF under OSS and Java.](#)"

Making the case for mainframe migration

Mainframe systems from IBM may have supported your business well in the past. But today's business challenges demand greater computing flexibility, the latest applications, and better return on your IT investments. If you are concerned about the declining availability of mainframe skills, the high ongoing costs of mainframe operation, and the viability of the mainframe ecosystem, you may want to consider a change. In a recent interview with SearchDataCenter.com, John Pickett, HP's worldwide mainframe alternative program manager, discusses who should "augment" their mainframe, who should migrate

which was established by the Nigerian Bankers Committee, will operate the central switch that will also be used for switching transactions between other third-party processors. ACI says the implementation of the central switch will create a more efficient national payment infrastructure by electronically switching retail payment transactions between commercial banks. The platform will also support the integration of the Nigerian retail payment system with the West African Monetary Zone retail payment platform. Paul Lawal, CEO of NIBSS, comments, "The successful deployment of the Nigeria Central Switch is of national importance, as a successful national payments infrastructure has been proven to be crucial to the economic development and GDP growth of a country."

>> [Read the article.](#)

General News

New HP software unit brings together business intelligence and information management

HP has formed a Business Information Optimization (BIO) unit within its HP Software organization to help companies make better decisions and manage their business-critical information throughout its life cycle. The new unit will be composed of two groups—business intelligence and information management—and will include software from across the company. The business intelligence group will oversee HP Neoview, an enterprise-class data warehouse solution based on industry-standard technology.

applications to another platform, and who should replace it outright. "If you look from just a hardware perspective, we're probably looking at someone with a workload of less than 1,500 MIPS," Pickett says. "We've replaced more than that, but 1,500 MIPS covers 80 percent of the mainframes out there. The thing we look for is customers in a dynamic industry, looking to save and control costs. One of the biggest line items in the data center is the mainframe. Customers ask: Do we need it? Is it providing mission-critical apps? Can we have it for less on an alternative platform? That, I'd say, is driving a lot of business to HP."

>> [Read the full interview](#) and [The Real Story about the IBM Mainframe.](#)

Active-active replication pioneer Bank-Verlag prefers NonStop servers

Longtime NonStop server customer Bank-Verlag of Germany almost certainly employed the first instance of active-active replication technology—that is, the use of two systems to process transactions concurrently, with each system capable of taking over should the other suffer a technical problem or a natural disaster. As often happens, the inventor, Wolfgang Breidbach, had one need in mind but, as a byproduct of his efforts, discovered an even more valuable use for his work.

This intriguing story is well documented by Bill Highleyman, noted enterprise systems consultant and high availability expert, in his new online publication, the *Availability Digest*. The complete story is an excellent read...and a subscription to the *Availability Digest* well worth your time.

>> [See the complete story](#) and [subscribe to the Availability Digest.](#)

Partner News

Bowden Systems aggressively prices SSH

Bowden Systems has aggressively priced its SSH software to be more competitive. They also have teamed up with CAIL to provide a total solution when a customer requires security from the desktop to the server. The CAIL emulator provides all the standard 6530 emulator features, including the security transport of SSH or SSL. CAIL's emulator also provides SFTP features for secure file transfers. For more information, contact www.bsi2.com or www.cail.com.

CAIL security extensions

CAIL extends security capabilities with full TLS 1.0/SSL 3.1 and SSH secured Telnet and FTP sessions, enabling organizations to quickly and easily improve system security (at no extra cost with current CAIL licenses, or as an upgrade for other software). In addition to authentication and encryption for both Telnet and FTP sessions between the PC and the NonStop host, CAIL Suite now also includes a

HP Neoview began shipping to select customers in October 2006 and plays a central role in HP's multibillion-dollar internal IT transformation. This group will be bolstered by HP's recent acquisition of Knightsbridge Solutions Holdings Corp., completed on January 7, which advanced HP's ability to deliver business intelligence and data warehouse services. HP has recruited Ben C. Barnes, an industry veteran with 15 years of direct business intelligence experience, as vice president and general manager of the business intelligence group. Previously, Barnes served as chief executive officer for ActivIdentity, a global provider of strong authentication and trusted digital identity solutions, and Intraspect Software, a provider of enterprise software solutions for internal and external collaboration and content management. He was also general manager of IBM's Global Business Intelligence Solutions Division. Prior to IBM, Barnes was general manager for marketing at Teradata. The information management group within the Business Information Optimization unit will deliver solutions that archive and manage customers' corporate data. These solutions can accelerate data archiving and retrieval, increase worker productivity, and simplify the protection of customers' critical data. HP plans to name a leader for the information management group in the coming weeks. [See the press release](#) for more information.

HP expands R&D presence with HP Labs Russia

Extending its strategy of establishing research centers in

TLS 1.0/SSL 3.1-based NonStop FTP Client Proxy for secure file transfers between NonStop hosts, or to other hosts that support the FTPS standard. For more information, see www.cail.com/techhigh.

comForte announces SecurTape

comForte's new cost-effective software solution for magnetic tape encryption, SecurTape, uses Public/Private key cryptography with strong ciphers such as 256-bit AES for utmost protection of backup tapes. Working transparently with existing backup and restore procedures as well as all existing hardware (including virtual tape drives), SecurTape is extremely easy to implement and requires no additional hardware installation. [Get more information or request a trial copy.](#)

CSP releases PassPort Version 5.21

CSP's PassPort Version 5.21 is Itanium® processor ready and, in addition to its already impressive features, now includes OSS support, tighter Guardian system integration, OBEY/EXEC file validation, and significant security improvements. Contact CSP sales@CSPsecurity.com or visit www.CSPsecurity.com to request an evaluation copy.

Availability Digest promotes recovery-oriented computing

The [Availability Digest's](#) February issue examines how rapid recovery times promote user perception of a faultless system. Also highlighted are transaction replication, failover time's role in NonStop system availability, and how Murphy's Law sabotaged a well-designed but untested recovery plan. The monthly *Availability Digest* focuses on continuous processing architectures and active-active technology.

Daylight Saving Time testing with OPTA2000-Time-Zone simulator

The OPTA2000-Time-Zone simulator product from TANDsoft simplifies Daylight Saving Time (DST) testing. NonStop applications can be tested for new DST transitions for 2007—without changing the NonStop server system time. With OPTA2000-Time-Zone, multiple time zones can exist on a single NonStop server, no application source code changes are required, and all native and nonnative programming languages are supported. [Find out more here.](#)

TIC integrates NonStop with ASG-Cypress

ASG-Cypress is a modular Output Management System that greatly enhances the management and distribution of enterprise content including documents, images, fax, and e-mail. It can capture and store input that can be searched, retrieved, and delivered to the desktop or the Web. TIC has developed a NonStop Add-On module to import spooler reports or disk files into ASG-Cypress. Contact Sales-support@ticsoftware.com or visit www.ticsoftware.com.

BOSS 7.1: Authentication and authorization engine

BOSS Security Server's new release has been re-engineered from the ground up—it now runs "Native" to meet expanding enterprise

growing economies, HP will open a lab in St. Petersburg, Russia, to pursue advanced information management technologies. HP Labs Russia will be the third facility that the company has opened in the past five years. HP Labs China began operations in Beijing in 2005 and HP Labs India opened in Bangalore in 2002. HP Labs, the company's central research organization, also has facilities in Bristol, U.K.; Haifa, Israel; and Tokyo. Its headquarters site is in Palo Alto. The lab will work on new methods for extracting, analyzing, and organizing useful information from the vast explosion of data created by the World Wide Web and other sources. According to some estimates, the amount of data in the world is growing up to 50 percent a year. The new lab is the latest investment by HP in Russia's booming economy. In the past year, HP has launched a number of important initiatives in the country, including establishing the first external HP next-generation data center at the prestigious Kurchatov Institute to conduct research into future utility computing systems. [Read more.](#)

Service and Support News

Support Notes, January 2007

>>[View NonStop technology Support Notes released during January 2007.](#)

concurrent use for PCI compliance. BOSS Audit Trails are more robust, with an option that enables logs to be written directly to EMS. An enhanced "Language" feature allows easy conversion to most languages. [Find out more.](#)

User Group News

Mark your calendars for ITUG Summit 2007

Mark your calendars to attend ITUG Summit 2007 at the HP Technology Forum and Expo, June 18–21 in Las Vegas, and experience the premier event for user training and technical information for NonStop server customers. By attending, NonStop customers will be exposed to the broad range of HP technologies while maintaining access to NonStop platform–focused user training, technical information, networking, and the vendor exhibition you've come to expect from ITUG Summit. Registration opens in early March.

>> [Check for the latest program details.](#)

Regional User Group updates

There are more than 30 active ITUG Regional User Groups (RUGs) worldwide. Currently published meeting schedules are listed here.

- » BITUG: A British Isles NonStop User Group (BITUG) Open Systems Management (OSM) Education Day will be held March 8.
- » MITUG: The Michigan Tandem Users Group (MITUG) will hold a meeting on March 15 in Livonia, Michigan.
- » MRTUG: Midwest Region Tandem Users Group (MRTUG) will hold a meeting on March 14 in Downers Grove, Illinois.
- » MSTUG: The MidSouth Tandem Users Group (MSTUG) will hold a meeting on February 23.
- » OTUG: The Ohio Tandem Users Group (OTUG) will hold a meeting on March 16 in Columbus, Ohio.
- » RMTUG: A Rocky Mountain Tandem Users Group (RMTUG) meeting will be held March 8 in Lone Tree, Colorado.
- » SATUG: The 2007 South African NonStop Summit will be held on February 20–22 in Gauteng, South Africa.
- » The HP Software Universe (APAC) will be held March 5–9 in Brisbane, Australia.
- » The OpenView U.K. Chapter meeting will be held March 8.

>> [See the complete ITUG calendar for RUGs and SIGs.](#)

Spotlight HP

Think more green, about 600 jumbo jet liners more

HP recycled more than 164 million pounds (74 million kilograms) of hardware and HP print cartridges globally in its 2006 fiscal year—an increase of 16 percent over the previous year and the equivalent weight of more than 600 jumbo jet airliners. HP expects to surpass its goal of 1 billion pounds in 2007. [Read more.](#)

Important Phone Numbers and Links

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

» [Why Buy NonStop?](#)

Support for selling the NonStop value propositions to the executives in your company.

» [NonStop news](#)

The very latest NonStop product news.

» [Global Mission Critical Solution 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.

» [Integrity NonStop server partner solutions and applications search tool](#)

Interactive, cross-platform tool to quickly find NonStop 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.

» [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](#)

» [Better modernization for legacy mainframes](#)

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

» [NonStop Services & support](#)

» [Network & service providers](#)

» [NonStop partners](#)

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

» [NonStop software](#)

Information for developers of NonStop system applications.

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