



NonStop Computing Update

May 2008



Welcome to the May 2008 edition of the *NonStop Computing Update*, a newsletter providing the latest information about HP Integrity NonStop and HP NonStop servers.

In this issue:

NonStop Computing News

- » [First look at next-generation Integrity NonStop system](#)
- » [Opsol OmniATM: Robust payment infrastructure for ATM and POS](#)
- » [Single Customer View financial solution](#)
- » [NonStop Servlets for JavaServer Pages 6.0](#)
- » [Learn more about the NonStop Cluster Essentials solution](#)

General News

- » [The Real Story about the IBM mainframe makeover](#)
- » [The legal risks of information management](#)

Partner News

- » [Availability Digest reviews business continuity survey](#)
- » [Bowden Systems updates SSH solution](#)
- » [comForte MR-Win6530: Seamless Guardian and OSS switch](#)

User Group News

- » [Introducing Connect, the independent HP business technology community](#)
- » [ITUG Summit 2008 around the corner](#)
- » [Participate in Community Connect Europe 2008](#)
- » [Regional User Group updates](#)

Education News

- » [Need a dynamic, customized Integrity NonStop training plan?](#)
- » [Upcoming Customer Conference Calls](#)

Service and Support News

- » [Support Notes, April 2008](#)

Spotlight HP

- » [HP Labs proves existence of new basic element for electronic circuits](#)

Important Phone Numbers and Links

The Real Story about the IBM mainframe makeover

As IBM readies yet another mainframe change, now is a good time to take stock of how you might be using the mainframe, and see if it's a good time to consider other options. The mainframe has been good to IBM, but given the premium for owning and operating a proprietary mainframe, is it the best option for you? We expect IBM to portray the mainframe as new and improved, with better power and cooling, and even to try to show how it has superior TCO. This article, part of the Real Story series, takes a look at some of the assumptions and claims—to see if they stand up to scrutiny. As with other Real Story series articles, it offers fact-based content on the “story behind the story.” The series spotlights areas of interest affecting HP, our customers, and industry competitors, and uses facts and references to validate this important information.

>> [Go to the Real Story.](#)

The legal risks of information management

Information management isn't just an IT issue anymore—it's a legal issue, too. Unfortunately, IT and legal don't always see eye-to-eye. IT may assume a “keep it all” data retention program should take care of legal worries, but that's not true. Even if you can retain every bit of business data, sifting through it for a lawsuit or government investigation is a monumental task. Because digital information is growing at an explosive rate, it's critical to develop a strategic archiving, or information

First look at next-generation Integrity NonStop system

Be one of the first to see the next-generation Integrity NonStop system during ITUG Summit 2008 at HP Technology Forum & Expo, June 16–19 in Las Vegas. See and hear:

- Integrity NonStop technology presentations from NonStop executives
- Winston Prather, VP and general manager, NonStop Enterprise Division
- Randy Meyer, director, NonStop Product Management, Strategy & Technology
- A presentation by an early adopter customer
- A demonstration of the new system in the HP product showcase
- Technical breakout sessions for all the details

If you haven't done so already, [register for ITUG Summit 2008 at HP Technology Forum & Expo](#) today. Renew or sign up for [ITUG membership](#) before registering and save up to US\$300 with a member discount.

Opsol OmniATM: Robust payment infrastructure for ATM and POS

OmniATM, running on Integrity NonStop servers, provides a comprehensive solution for banks to acquire, authenticate, route, switch, and authorize financial transactions across multiple input channels including ATM, POS, and kiosks. Based on an operational payment system at a leading U.S. bank, it provides a full set of functionality to support payment transactions. OmniATM drives modern browser-based Web automated teller machines (ATMs) that can easily provide new services at ATM sites such as alternate product offerings; for example, insurance that can be tailored to specific individuals.

>> [Go to the solution brief.](#)

Single Customer View financial solution

Opsol's Single Customer View (SCV) solution on Integrity NonStop servers enables financial institutions to enhance payments and finance-related data with real-time, comprehensive cross-channel information to provide a “market of one.” It increases the agility of the enterprise while augmenting and enhancing, not replacing, existing IT systems. With SCV, you can gain an up-to-the-second, enterprise-wide view of the customer across core banking systems, customer relationship management systems, and delivery channels. Opsol applications are optimized for Integrity NonStop servers, the gold standard for business continuity. Known for running the world's most demanding enterprise applications, the platform offers the lowest total cost of ownership (TCO) in its class.

>> [Go to the solution brief.](#)

management, program. Simply put, strategic archiving means keeping essential data while purging the extraneous. Strategic archiving can both reduce IT data load and mitigate legal exposure. In a recent interview, Liane Komagome, lead discovery and compliance counsel at HP, highlights the legal concerns of information management, bursts some myths, and offers some best practices for developing a strategic archiving program.

>> [Read the interview.](#)

Education News

Need a dynamic, customized Integrity NonStop training plan?

Did you know that HP routinely creates customized training around Integrity NonStop technologies? We can mix and match training modules in order to avoid knowledge overlap, ease time constraints, and accommodate your learning style. For more information about NonStop customized training, visit www.hp.com/learn/nonstop and select your country from the drop-down menu on the right side of the page.

Upcoming Customer Conference Calls

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.

NonStop Servlets for JavaServer Pages 6.0

NonStop Servlets for JavaServer Pages (NonStop Servlets for JSP) software is a deep port of Apache Tomcat 6.0.13, a reference open source implementation of Java™ Servlets and JavaServer Pages (JSP) technologies. This new release incorporates the latest Java Servlet and JSP specifications, Tomcat code fixes, and Tomcat features. New features include standards-based Servlet container technology, significant memory utilization improvements, a configurable logging mechanism, enhanced security options, and more. NonStop Servlets for JSP 6.0 is integrated with the HP iTP WebServer and iTP Secure WebServer products, extending their functionality. This integrated environment, which inherits the scalability, reliability, and fault tolerance of the Integrity NonStop system, is built on top of NonStop Transaction Services/MP (NonStop TS/MP) software.

>> [Download the data sheet.](#)

Learn more about the NonStop Cluster Essentials solution

The NonStop Cluster Essentials solution is an integrated cluster management solution for homogeneous clusters of NonStop systems, and heterogeneous clusters of NonStop and Linux systems. A member of the NonStop Essentials product family and a plug-in to HP Systems Insight Manager (SIM), it provides solutions for integrated health monitoring, alert monitoring, and event monitoring, as well as single-click boot, virtualized configuration and control, unified account management, software consistency check, and integrated inventory reporting. To learn more, read the new data sheet. And see the [NonStop Cluster Essentials Web page](#) for more information in the coming months.

>> [See the new data sheet.](#)

Partner News

Availability Digest reviews business continuity survey

The *Availability Digest* explores the results of the Aberdeen Group's 2008 Business Continuity Survey. One finding was how few companies regularly and thoroughly test their business continuity and disaster recovery plans. Also in the *Digest* is a comparison of parallel and sequential repair, Part 2 of Fault Tolerance for Virtual Environments, and a review of IBM's Parallel Sysplex. www.availabilitydigest.com

Bowden Systems updates SSH solution

Bowden Systems' NSK-SSH product update allows you to pass a PCI audit for ftp and telnet access. Now you can stop all ftp and telnet access for TCP/IP connections on Integrity NonStop NS-series or NonStop S-series systems, only allowing SSH telnet (compatible with the MR-Win6530 emulator) and sftp (for OSS and Guardian file sets) connections through. Bowden Systems will present its SSH and time synchronization solutions at ITUG Summit 2008. See more information at www.bsi2.com.

- May 29
Topic: NonStop Transaction Analyzers (ATM and POS)
Presenter: Bob Loftis
- June 5
Topic: HP Compliance Log Warehouse
Presenter: Steve Scott

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

Service and Support News

Support Notes, April 2008

>> [View NonStop technology Support Notes released during April 2008.](#)

comForte MR-Win6530: Seamless Guardian and OSS switch

NonStop system users often need to work in both the Guardian and Open Systems Services (OSS) environments. In the past, users of comForte's MR-Win6530 terminal emulation product were required to run two separate terminal sessions for each environment. Now, MR-Win6530 supports seamless switching, so users can toggle between Guardian and OSS environments within the same terminal session. [Find out more.](#)

User Group News

Introducing Connect, the independent HP business technology community

The vote for consolidation of the three HP user groups—ITUG, Encompass, and HP-Interex EMEA—is final and approved. The new group is called “Connect,” your independent HP business technology community. Connect has just announced its board members, who represent global leadership from the three founding groups.

- President: Nina Buik (Encompass, Georgia)
- Vice President: Margo Holen (ITUG, Colorado and California)
- Secretary and Treasurer: Glen Kuykendall (Encompass, Texas)
- Immediate Past President: Scott Healy (ITUG, Texas)
- Other board members
 - Steve Davidek (Encompass, Nevada)
 - Bill Johnson (Encompass, Texas)
 - Jay McLaughlin (ITUG, Pennsylvania)
 - Henk Pomper (HP-Interex EMEA, The Netherlands)
 - Joe Ramos (ITUG, Colorado)
 - Dr. Michael Rossbach (ITUG, Germany)
 - Gerhard Wedenig (HP-Interex EMEA, Switzerland)
 - Brad Harwell (HP liaison, Texas)

A Connect overview webcast is in the works and will be announced soon. As a user-run organization, member contributions and expertise are what makes Connect unique and ensures its relevancy. If you have questions or are interested in volunteering, contact [ITUG Headquarters](#) or call +1 (312) 321 6851.

ITUG Summit 2008 around the corner

Be counted among the many NonStop technology users attending ITUG Summit 2008. Renew or sign up for [ITUG membership](#) before registering for ITUG Summit 2008 at HP Technology Forum & Expo, June 16–19 in Las Vegas, and save up to US\$300 with a member discount.

- Hear the latest NonStop technology updates from key HP NonStop executives
 - Winston Prather, VP and general manager, NonStop Enterprise Division
 - Randy Meyer, director, NonStop Product Management, Strategy & Technology
- Dive deep into specific NonStop topics with [preconference seminars](#). ITUG members save US\$100 off the registration fee.
- Have fun with member colleagues at the just announced Connect HP User Community Party, June 17, at the House of Blues at Mandalay Bay—a renowned Las Vegas venue. You'll enjoy delicious food, beverages, and live entertainment from FUSE during an evening filled with classic rock and roll.
- Check for specific interests in the [Event Session Catalog](#).

See [updates about NonStop focused networking and educational opportunities in Las Vegas](#) on the ITUG website.

Participate in Community Connect Europe 2008

Plan now to attend Community Connect Europe 2008, to be held November 10–12 in Mannheim, Germany. This first-ever event provides a way for Connect users, prospects, and third-party vendors throughout the EMEA region to gather in one place for learning, networking, and sharing individual and corporate experiences.

Community Connect Europe 2008 will continue to provide the traditional NonStop technology content you've come to expect, while offering additional educational and networking opportunities related to other HP Enterprise platforms.

- Call for speakers
The [Connect Europe 2008 Call for Speakers](#) has been extended to Friday, May 30. [Submit a NonStop technology-related presentation proposal now](#).
- Plan to exhibit early
Sign up by June 19 to exhibit at the first-ever Community Connect Europe 2008 and reach your target audience. A limited number of sponsorships, vendor presentations, and advertising opportunities are available. See [more details](#) or contact [Sara Kolovitz](#).

Regional User Group updates

There are more than 30 active ITUG Regional User Groups (RUGs) worldwide.

N2TUG: The North Texas, Oklahoma Tandem Users Group (N2TUG) will hold its Spring Meeting on May 30 at the HP offices in Richardson, Texas. Service-oriented architecture will be the featured topic.

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

Spotlight HP

HP Labs proves existence of new basic element for electronic circuits

Researchers from HP Labs have proven the existence of what had previously been only theorized as the fourth fundamental circuit element in electrical engineering. This scientific advancement could make it possible to develop computer systems that have memories that do not forget, do not need to be booted, consume far less power, and associate information in a manner similar to that of the human brain. In a paper published in the April 30 edition of *Nature*, four researchers at HP Labs' Information and Quantum Systems Lab presented the mathematical model and a physical example of a "memristor"—a blend of "memory resistor"—that has the unique property of retaining a history of the information it has acquired.

>> [Read more](#).

Important Phone Numbers and Links

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

» **Service-oriented architecture (SOA) on NonStop servers**

Enabling applications to work better together and new business processes to be deployed quickly.

» **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, and 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.

» **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 product documentation**

Find NonStop product documentation, along with other HP product documentation. Download *Tips for Locating NonStop Documents* for help finding NonStop publications, including how to limit searches to just NonStop 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.

» **Java Technology**

Limitless e-business growth and the portability and ease of Java™ technology can go hand in hand.

» **Product information for Integrity NonStop and NonStop servers**

» **Why Migrate to HP?**

» **Interactive Upgrade Guide**

An interactive tool to help plan system release migrations.

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

» **Why Buy NonStop?**

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

» **NonStop Services & support**

» **For network & service providers**

Technology for better business outcomes

For more information, go to www.hp.com/go/nonstop.

© Copyright 2008 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. 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.

Linux is a U.S. registered trademark of Linus Torvalds. Java is a U.S. trademark of Sun Microsystems, Inc.