



NonStop Computing Update February 2006



Welcome to the February 2006 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

- » [Martin Fink of Integrity NonStop server strategy](#)
- » [NonStop S78000 and S780 servers end of sales](#)
- » [Integrity NonStop open source utilities](#)
- » [National Commercial Bank strengthens IT infrastructure](#)
- » [Freezing data center energy costs](#)
- » [70 of Fortune 100 utilize or plan Itanium solution deployment](#)
- » [IT Company of the Year at Arabian Business Awards](#)

Success Stories

- » [RadioShack trusts NonStop servers](#)
- » [CME high-growth electronic trading](#)

General News

- » [Computing with light?](#)
- » [Security and privacy research](#)

Partner News

- » [BASE24/BASE24-es SSL support](#)
- » [Bowden Systems NTP and SSH products](#)
- » [CAIL Adapter: Java library extends applications](#)
- » [comForte enterprise-class SSH](#)
- » [XML Thunder: XML-enable COBOL applications](#)
- » [ETI-NET simplifies tape encryption](#)
- » [GreenHouse MyLogin for single sign-on](#)
- » [TSI broadens LTO Gen3 tape portfolio](#)
- » [SECOM 6.20.2 released](#)
- » [XYGATE's OSS file security and system integrity tracking](#)

User Group News

- » [Registration open for ITUG Europe 2006](#)
- » [Regional User Group updates](#)

Education News

- » [Integrity NonStop server courses](#)
- » [Upcoming Customer ConCalls](#)
- » [Hands-on NonStop training—with no travel](#)

Service and Support News

- » [Support Notes, January 2006](#)

Fun Stuff

- » [You ought to be in pictures](#)

Important Phone Numbers and links

Success Stories

RadioShack trusts NonStop servers

Specialty retailer RadioShack, the “most trusted name in consumer electronics” in the United States, has plenty of experience with NonStop technology. The company was customer number 42 for the earliest NonStop systems from Tandem Computers. Today, two of RadioShack's most critical applications—communications and credit card processing—run on a NonStop S7606 server that collects and manages daily sales figures and other data from thousands of stores. Other NonStop servers support distribution, test, and development. In fact, RadioShack makes good use of the full range of HP products, from laptops and desktops to ProLiant, HP-UX, and Superdome computers. “It’s important to keep the underlying microprocessor on an aggressive technology roadmap; as market conditions shift and business demands grow, the chip technologies have to keep up,” reports Ron Cook, RadioShack VP of Technical Strategy and Operations. » [See the full story](#)

NonStop Computing News

Martin Fink on Integrity NonStop server strategy

Martin Fink, vice president and general manager of the NonStop Enterprise Division and the Open Source and Linux Division, delivered a NonStop technology update during the monthly NonStop Customer Update Conference Call on January 12. Fink spoke with enthusiasm about how HP intends to extend NonStop computing fundamentals into new areas, with investments in both new and traditional technologies. » [Replay this and other NonStop Customer Conference Call audio presentations](#)

NonStop S78000 and S780 servers end of sales

HP announces the end of sales (EOS) of the NonStop S78000 and S780 servers, effective April 30. HP will continue to offer hardware maintenance services for a minimum of five years following this date, and continues to sell NonStop S88000, S7800, and S78 servers. » [See a complete list of affected products](#)

Integrity NonStop open source utilities

Many ITUG open source utilities have been recompiled for Integrity NonStop systems and are available for download in the ITUGLIB. New utilities are added regularly, so check often. » [Download open source utilities](#)

National Commercial Bank to strengthen IT infrastructure

HP will improve bank services with The National Commercial Bank (NCB) in the Kingdom of Saudi Arabia by providing a state-of-the-art mission-critical infrastructure that reduces ownership costs, provides better security, and enhances overall performance. As part of the deal, HP will supply NCB with a new IT Data Centre to complete its mission-critical hardware infrastructure. Two NonStop S7800 systems with 16 processors, along with Superdome systems and ISS servers, will be installed. The contract also includes the signing of a three-year mission-critical support agreement with the bank. » [Read more](#)

Freezing data center energy costs

HP has unveiled technology that can slash data center energy bills while increasing system reliability. Designed to support HP's broad portfolio of enterprise servers and storage systems, including Integrity NonStop servers, the new solution can deliver significant cost savings by dramatically reducing energy use and increasing data center utilization. » [Read the article](#)

CME high-growth electronic trading

Chicago Mercantile Exchange (CME), the largest, most diverse financial exchange in the world for trading futures and options, runs its high-performance electronic trading on the NonStop platform.

NonStop servers, including a beta Integrity NonStop server, give CME these key benefits:

- The ability to handle peak transaction volumes exceeding 13 million a day, with an average response time of less than 55 milliseconds
- Continuous availability that is critical to the electronic trading business
- Scalability to handle phenomenal growth in volume (400 percent in five years).

“In this business, you don’t like to see your name in the paper because a computer problem has shut down the markets prematurely,” said Frank Cote, CME associate director of Tandem Technology Services. “The continuous availability of the NonStop platform virtually eliminates that worry for us.”

» [Read the complete article](#)

70 of Fortune 100 utilize or plan Itanium solution deployments

With 70 of the Fortune 100 corporations utilizing or planning Itanium® solutions deployments and Itanium solutions gaining market segment share from IBM Power and Sun SPARC solutions, leading technology users are making strategic investments in open, industry-standard Itanium solutions over proprietary alternatives, according to a recent *BusinessWire* article. » [Read the article](#)

IT Company of the Year at Arabian Business Awards

Emphasizing its position as the leading technology provider in the region, HP was recently awarded “IT Company of the Year” at the Arabian Business Awards 2005. HP investments in the region include initiatives like the opening of the first NonStop Training Center in Beirut, Lebanon. » [Read more](#)

General News

Computing with light?

HP Labs researchers have been investigating ways to use photons, or light particles, for information processing, rather than the electrons used in digital electronic computers today. Their work holds promise for someday developing faster, more powerful and more secure computer networks. » [Read more](#)

Security and privacy research

HP and Hitachi, Ltd. have announced that researchers from HP Labs in Bristol, England, and Princeton, New Jersey, and the Hitachi Systems Development Laboratory will conduct joint work on key security and privacy issues. The HP and Hitachi research collaboration will focus on two primary themes: authenticating users and devices to improve security inside networks and the use of digital signatures to guarantee the authenticity of document content. » [Get the details](#)

HP no. 3 on U.S. patent Top 10 ranking

HP has moved up to number 3 on the U.S. Patent and Trademark Office's list of the top 10 organizations receiving the most patents in 2005. HP was awarded 1,797 patents last year and climbed from number 4 in 2004. » [Read more](#)

Partner News

BASE24/BASE24-es SSL support

Integrated Secure Sockets Layer (SSL) support within TCP/IP-based NET24-XPNET software is now available for NonStop S-series servers from ACI Worldwide. With both client and server certificate authentication and a range of cipher suites, BASE24/BASE24-es customers can more easily comply with standards like PCI (Payment Card Industry), without the need for external processes or hardware. For more information, visit <http://www.aciworldwide.com/products>.

Bowden Systems NTP and SSH products

Bowden Systems Network Time Protocol (NTP) Version 1.0 software, a full port to the Integrity NonStop server (H06.03) environment, keeps systems synchronized with source time to within one second, allows for multiple time sources, and makes it possible to set system time at startup with a client. A free software trial is available until March 30, 2006. Also available is a full port of Secure Shell Server (SSH) Version 2.0 software that includes an integrated random number generator and allows tunneling, secure sessions, secure copy, secure remote command execution for both the Open System Services (OSS) and Guardian environments, and support for 6530 sessions. Files can also now be copied directly to the Guardian file system using sftp commands. For more information, visit <http://www.bsi2.com> or write to sales@bsi2.com.

CAIL Adapter: Java library extends applications

The CAIL Adapter provides a "library" to enable Java™ programs to access SCOBOL/6530 sessions, enabling host applications and associated transactions to be leveraged on any development platform by reusing existing data and business logic. The software allows Web browsers to instantly display SCOBOL/6530 Telnet in HTML or XML via HTTP or HTTPS, and session logs can be maintained for compliance. For more information, visit www.cail.com/wsintro or write to info@cail.com.

comForte enterprise-class SSH

[SecurSH](#), a Secure Shell implementation specifically for NonStop servers, provides pseudo TTY support, enabling full terminal access with any SSH client. Other features include remote TACL access without requiring OSS, SFTP file transfer with extensive Guardian support, FTP and TCP port forwarding, advanced access control, and auditing capabilities.

XML Thunder: XML-enable COBOL applications

How can COBOL systems easily utilize XML technology? XML Thunder, a new tool for NonStop servers, supports generation of COBOL code that can create and parse XML documents. CSP is

Integrity NonStop server courses

The following education courses are now available for Integrity NonStop server users:

- NonStop H-Series Operating Systems Application Migration ([U8616S](#)), 2 days
- NonStop NS-Series Server Operations and Management Differences for S-Series Operators ([U8526S](#)), 4 days
- NonStop Operating System Architecture for NS-Series ([U8609S](#)), 8 days

» [Find course descriptions \(courses listed in alphabetical order\) and schedules](#)

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.

- March 2
Topic: NonStop SQL Strategy and Direction
Presenter: Rohit Jain
- April 6
Topic: NonStop Networking Update
Presenter: Wil Marshman

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

Hands-on NonStop training— with no travel

Interested in hands-on NonStop technology training but don't want to travel? HP delivers live, instructor-led training in real

the exclusive worldwide distributor for Canam Software's XML Thunder for NonStop servers. For more information, contact sales@CSPsecurity.com or visit www.CSPsecurity.com/xmlThunder.html.

ETI-NET simplifies tape encryption

For protection of backup data while in transit, either across the network or on physical tape cartridges, ETI-NET's BackBox virtual tape product for NonStop servers enables transparent use of the robust encryption and key management capabilities of enterprise storage managers, such as Tivoli Storage Manager or Veritas NetBackup. For more information, contact information@etinet.com.

GreenHouse MyLogin for single sign-on

GreenHouse MyLogin has been productized with enhancements to optimize performance and add full audit capabilities that support session start and end recording in an Enform accessible file. When a Win6530 window is opened, MyLogin automatically starts resources that log on to a predefined ID. Contact Info@GreenHouse.de for more details.

TSI broadens LTO Gen3 tape portfolio

Tributary Systems Inc. (TSI) announces the availability of a new LTO Gen3 FC tape drive in a manually operated tabletop configuration. With direct FC attachment, it significantly lowers the entry-level tape price while greatly increasing its performance. For details, contact Larry Meyers, TSI, at +1 (817) 354 8009, ext. 32, or at salesusa@tributary.com.

SECOM 6.20.2 released

SECOM Version 6.20.2, a GUI-based command management and session control tool that enforces sharp differentiation between NonStop server users and logical users, now includes an OUT file at the command level, an updated SECMAIN program, and the enhancement of the SECWin GUI. Contact Unlimited Software Associates at sales@usahero.com or +1 (610) 296 2633 for details.

XYGATE's OSS file security and system integrity tracking

XYGATE Security Wizard (XYGATE/SW) Version 1.60 brings desktop visibility, analysis, and best practices to OSS file and directory security. Policies are created automatically with the very first data collection. Checking of system utility attributes protects system integrity. Contact info@xypro.com for more information.

time over the Internet. Remotely Assisted Instructional Learning (RAIL) combines the best of traditional classroom training with the best of online technology. Learn from the experts, experience the same high-quality HP course materials as in traditional classroom courses, and complete lab exercises on state-of-the-art HP hardware in real time via HP Virtual Labs.

» [Find out more about RAIL](#)

Service and Support News

Support Notes, January 2006

» [View the NonStop Support Notes released during January.](#)

Fun Stuff

You ought to be in pictures

HP brought new meaning to the term “moving pictures” at the 25th anniversary of the Sundance Film Festival, held January 19–28, in Park City, Utah. To commemorate its 4th consecutive year as a Presenting Sponsor of the Festival, HP created roving photo-taking teams to capture images of moviegoers and tourists alike. In addition, HP’s robust presence included the hosting technology for the Sundance Online Film Festival, a series of HP Workstation filmmaking workshops at the Sundance Film Studio, the sponsorship of two customer conferences—The HP Entertainment Technology Summit and the HP Graphic Arts Summit—and much more.

» [Read more](#)

User Group News

Registration open for ITUG Europe 2006

Online registration is now available for the ITUG Europe 2006 conference

ITUG Europe 2006

May 15—17

Amsterdam, The Netherlands

» [Register today](#)

Regional User Group updates

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

» [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 on March 8 in France that will focus on application development environments and tools. See the INUG website for more details.

» [MRTUG](#): The Midwest Region Tandem Users Group will hold a Prairie Summit April 6–7 in Chicago, Illinois.

» [RMTUG](#): The Rocky Mountains Tandem Users Group will hold a meeting on March 9 in Colorado.

» [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.

» [See the complete 2006 ITUG calendar for RUGs and SIGs](#)

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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