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## NonStop Computing Update April 2006



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

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### Reliance Infocomm, HP allied for success

An article published by [CXOtoday](#) on March 8 reported that Reliance Infocomm now depends on NonStop servers, along with telecom services provided by Reliance Communication Ventures, to achieve greater levels of efficiency and innovation for the benefit of its customers throughout India. "As we ride the growth wave in the fastest growing telecom market of the world, we would like to reaffirm the importance of our continued partnership with HP. We consider HP as one of our key technology partners and an integral part of our growth story," said Anil Dhirubhai Ambani, chairman of Reliance Communication Ventures. Reliance Communication's world-class Data Centre and National NOC use HP's OpenView solution for IP management. NonStop servers power elements of the Reliance Network, which performs millions of transactions per day.

>> [See the CXOtoday article.](#)

### Announcing Integrity NonStop NS14000 server

The newest addition to the Integrity NonStop server family—the Integrity NonStop NS14000 server—joins ranks with other significant HP Integrity product enhancements and builds on the Integrity server momentum. The Integrity NonStop NS14000 server, based on the NonStop Advanced Architecture (NSAA) and powered by next-generation Intel® Itanium® 2 processors, delivers performance improvements over earlier NonStop S-series server models yet offers a more moderate performance level than the Integrity NonStop NS16000 server. With its introduction, HP has made NonStop technology even more accessible for new users and applications and brings a new option in price/performance while maintaining unprecedented levels of application availability and absolute data integrity. The Integrity NonStop NS14000 server delivers:

- Standards-based architecture using Itanium 2 processors at 1.5 gigahertz, with up to 8 gigabytes of memory per processor
- Scalability to 8 processors per system, clustering to 2,040 processors
- Highest built-in RAS levels in the industry
- Integrated hardware and software that enables application fault tolerance out of the box
- Dual Modular Redundancy (DMR) and Triple Modular Redundancy (TMR) technology
- Release version update (RVU) H06.05 of the NonStop operating system

>> [Get all the information you need about the Integrity NonStop NS14000 server.](#)

### HP Enterprise Toolkit—NonStop Edition, Version 3.1

Version 3.1 of Enterprise Toolkit—NonStop Edition software, a Microsoft® Visual Studio .NET-based development environment for NonStop servers, is now available. Starting with Version 3.1, the Enterprise Toolkit—NonStop Edition provides application development support for both Integrity NonStop and NonStop S-series servers. Many other new features have been added, including:

- Compatibility with Visual Studio .NET 2005 and 2003
- Support for pre- and post-build steps
- Build logs in HTML
- Support for new Archive project type to create archive files
- State-of-the-art support for CORBA applications development
- Support for NonStop SQL/MX 2.0 features

>> [See the product announcement.](#)

### NonStop Server for Java 5.0

NonStop Server for Java™ 5.0 software on Integrity NonStop servers is now available. The new version is a certified implementation of the Java 2 Platform, Standard Edition (J2SE) and Java Development Kit (JDK) 5.0 specification on Integrity NonStop servers. Offering an enterprise-class software environment for running standard Java applications on Integrity

NonStop servers, the software includes the new Java language features introduced in JDK 5.0 as well as enhancements to the base JDK packages consistent with the enhancements made to those packages in JDK 5.0.

>> [See the product announcement.](#)

### **Virtual TapeServer connectivity to NonStop S-series systems via IOAME**

Virtual TapeServer products for NonStop servers can now be connected via their integrated Fibre Channel ports to NonStop S88000 and S78000 systems via existing Fibre Channel HP ServerNet Adapter (FCSA) ports connected to an Input/Output Adapter Modular Enclosure (IOAME).

>> [See the product announcement.](#)

### **Setting the “gold standard” for reliability and availability**

HP is setting the “gold standard” for reliability and availability, bringing customers more options and services. With a long history in designing fault-tolerant, high-availability systems that power major stock exchanges and 911 emergency response systems, HP has long understood that the best way to boost availability is by offering choices—lots of choices—to let you decide the best response for your company. “HP is exceptional in that regard,” says Harvey J. Hindin, vice president and senior analyst for Ideas International’s business continuity research team in Rye Brook, N. Y. “They have a massive amount of choices. Whatever level of business continuity you need, whatever your environment, whatever consulting you need, you can get it from HP. You can use HP Integrity Nonstop, OpenVMS, HP-UX 11i, or even Linux or Windows® systems. The choice is up to the business.”

>> [Read more.](#)

### **NonStop Software Product Maintenance List**

The March edition of the NonStop Software Product Maintenance List (SPML), which provides information regarding the support status of NonStop software products, is now available in PDF format.

>> [View the current SPML document.](#)

## **General News**

### **The IT factor: Innovation spurs economic growth**

In a recent speech, former Federal Reserve Chairman Alan Greenspan talked about the role of IT innovation in fueling the nation’s economy and the notion of “creative destruction”—the continual scrapping of old technologies to make way for the innovative. Specifically, Greenspan credits IT as giving the economy the flexibility to withstand shocks like Hurricane Katrina and the 9-11 terror attacks. With

## **Partner News**

### **Register now for European NonStop Partner Summit**

Registration is now open for the fourth annual European NonStop Partner Summit, to be held May 14 at the RAI International Exhibition and Congress Centre in Amsterdam, immediately preceding the ITUG Europe 2006 Conference. As in previous years, this conference is the premier venue for obtaining information about the latest developments in NonStop technology and related technologies, and learning how they can help your business be even more successful. The conference is sponsored by the NonStop Enterprise Division and is a direct benefit of membership in the NonStop Developer and Solution Partner Program (DSPP). There is no registration fee to attend. Benefits of attending include:

- Gain insight into the roadmap for NonStop and Integrity NonStop servers
- Participate in technical sessions on manageability and security products and direction

Greenspan having turned over the Fed chairman reins to Ben Bernanke, an HP feature article examines how the newly appointed Fed chair views the role of IT in the economy.

>> [Read the article](#).

### **New era of mission-critical computing**

The Itanium Solutions Alliance, a consortium of industry leaders of which HP is a founding member, announced an investment of US\$10 billion to drive industry-standard Itanium platform adoption.

>> [Read the article](#).

## **Education News**

### **ITUG Europe 2006 post-conference seminars**

Planning to attend the ITUG Europe 2006 Conference, May 15–17, in Amsterdam? Consider maximizing your conference investment with optional, full-day post-conference seminars on May 18, immediately following the conference. Two courses will be offered:

- Integrity NonStop H-Series Operating Systems Application Migration
- Quick Integrity NonStop NS-Series Server Operations and Management for NonStop S-Series Operations Users

>> [See seminar registration information](#).

### **Upcoming Customer ConCalls**

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

- Network with your peers and HP staff to leverage new business opportunities

>> [View a detailed agenda and register to attend](#).

### **Seamless Guardian and OSS operations from CAIL**

It is becoming increasingly important to be able to seamlessly communicate with both the Guardian and Open Systems Services (OSS) environments in native mode (6530 for Guardian and VTxxx for OSS). The new CAIL Suite has been enhanced to support both 6530 and VT communications, making it simple to switch to VT mode, do what is needed in OSS, and then exit to return to 6530 mode. For more information, contact CAIL at 1 (800) 668 5769, +1 (905) 940 9000, or [info@cail.com](mailto:info@cail.com), or visit <http://www.cail.com/seamless/>.

### **CSP PassPort enhanced security for NonStop servers**

The CSP PassPort solution provides enhanced security for NonStop systems by permitting a much higher degree of control over user access and activity than is otherwise possible. Contact CSP at [sales@CSPsecurity.com](mailto:sales@CSPsecurity.com) or visit <http://www.cspsecurity.com/>.

### **IBM data sharing with ETI-NET's EZX-Gateway**

HP approached ETI-NET with a major Japanese wireless carrier's requirement: transfer a 2.6-terabyte database residing on a NonStop system to an IBM mainframe in two hours. With HP StorageWorks XP12000TM Disk Arrays as shared repositories for exchanged data, EZX-Gateway met the requirement. See the full story at <http://www.etinet.com/EzxGatewaySuccessStory.html>

### **TSI offers LMM client library management software**

To assist in the migration of NonStop S-series server-attached CTL700/700M libraries to Integrity NonStop platforms, Tributary Systems Inc. (TSI) provides new client-only Library Media Manager (LMM) software for Integrity NonStop NS16000 and NS14000 servers. For additional information, contact Larry Meyers, at +1 (817) 354 8009, ext. 32, or [salesusa@tributary.com](mailto:salesusa@tributary.com).

### **USA's INSET encryption API and BATCHPOL update**

INSET, a new API program developed by Carl Weber, Greenhouse Software, performs field encryption to files that reside on NonStop servers, encoding and decoding fields (in batch mode, if required) in a data record using a cryptographic algorithm based on Triple DES (112-bit). BATCHPOL, an application that manages, monitors, and schedules tasks or batch streams using NetBatch Scheduler software, has been enhanced with new features including better job dependency views and stream statistics, replace functionality, and time logs. For more information, contact Unlimited Software Associates at [sales@usahero.com](mailto:sales@usahero.com) or +1 (610) 296 2633.

### **New enhancements make VersaTest even easier to use**

For over a decade, VersaTest has offered a powerful and advanced means for creating transaction drivers, simulators, and automated testing environments. Now new product enhancements make these facilities even easier to use and more accessible for nontechnical users. Read more about [VersaTest](#) software.

- May 4  
Topic: NonStop  
Performance Update  
Presenters: Khody  
Khodayari and Karen  
Copeland

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

### Print your own NonStop course catalog

HP Education now offers a convenient online course catalog that lists all scheduled NonStop classroom courses, including new courses for Integrity NonStop server users. The catalog is available in PDF format and updated the first week of every month.

>> [Download the course catalog.](#)

### Service and Support News

#### Support Notes, March 2006

>> [View the NonStop technology Support Notes released during March.](#)

### Fun Stuff

#### Journeys of Zheng He: Making a National Geographic film

Six hundred years ago, Admiral Zheng He of the Chinese Ming Dynasty embarked on a famous naval expedition that involved an awesome spectacle of 300 Chinese junks and 30,000 men. Revisiting these travels is HP Guest Blogger Ong Boon Kiat, who accompanied veteran National Geographic photographer Michael Yamashita and his film crew as they made a National Geographic Channel film on the subject.

>> [View Journeys of Zheng He blog](#)

### XYGATE to support LDAP from NonStop servers

XYGATE Advanced User Authentication (XYGATE/UA) software extends HP Safeguard global authentication controls to individual users and groups, enhances Safeguard authentication with additional restrictions and audit logging, and enables authentication via RSA SecurID tokens. The software will soon support authentication using an LDAP server or Windows Active Directory user database. To explore early adopter testing, contact XYPRO at [info@XYPRO.com](mailto:info@XYPRO.com). For more information about XYGATE/UA, visit <https://www.xypro.com/index.php?id=17>.

### User Group News

#### ITUG Europe 2006 Conference featured speakers

The ITUG Europe 2006 Conference is just around the corner, on May 15–17 in Amsterdam. Building on a track record of eight successful European ITUG conferences since 1998, we are pleased to introduce a new conference format—IT Infrastructure and Business Application Solutions: Bridging technology and business. This new format will introduce the NonStop Business Application Solutions Conference while we continue to offer excellent technical content in the NonStop Infrastructure Solutions Conference. In addition, conference planners have announced the following featured speakers.

- HP Executives
  - Martin Fink, vice president and general manager, NonStop Enterprise Division and Open Source & Linux Organization
  - Olaf Swantee, senior vice president of Sales, Technology Solutions Group, HP EMEA
  - Neil Pringle, director, NonStop Enterprise Division, HP EMEA
  - Hans Daniels, vice president, Technology Solutions Group, HP General Western Europe (HP Netherlands Country Manager)
- Intel Executive
  - Richard Curran, director, Customer Solutions Group, Intel EMEA
- Analysts
  - Brendan Logan, co-founder and chief operating officer, Logan Orviss International (Communications, Media, and Entertainment Industry analyst)
  - Douwe Lychlama, partner, Innoplay (Financial Services Industry analyst)

>> [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.

- » [INUG](#): The Iberian NonStop Users Group will hold a spring meeting June 8 in Madrid, Spain. The meeting's focus will be the evolution and development of applications for NonStop servers using open technologies.
  - » [GTUG](#): The German Tandem Users Group will hold its spring conference on June 19–20 in Keil, Germany.
- >> [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](#)  
(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](#)

For more information, go to [www.hp.com/go/nonstop](http://www.hp.com/go/nonstop).

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