

NonStop Computing Update: January 2005

Contents:

- [Introduction](#)
- [NonStop server news](#)
 - [BT selects HP and IDX to collaborate on NHS Care Records Service for London](#)
 - [NonStop Server for Java Version 4.2 software now available](#)
 - [Availability of BEA WebLogic Integration 8.1 SP2 on NonStop servers](#)
 - [NonStop operating system RVU G06.25 to ship in January](#)
 - [Changes and additions to Virtual TapeServer for NonStop servers](#)
 - [VT5901 Virtual TapeServer 2U server end-of-sales announcement](#)
- [Success stories](#)
 - [SabreSonic solutions bring more flexibility, lower cost to dynamic airline industry](#)
 - [Rabobank uses SecurCS to SSL-enable WebSphere MQ on NonStop systems](#)
- [General news](#)
 - [HP opens Center for Public Sector IT Thought Leadership in Washington, D.C.](#)
 - [HP announces Worldwide IT Services customer wins](#)
 - [ProCurve in Gartner's Challenger Quadrant for Global Campus LANs](#)
- [Partner news](#)
 - [Bowden Systems DNS server now available](#)
 - [comForte announces SSH/SFTP support for SecurFTP](#)
 - [Crystal Point releases OutsideView Version 7.2B](#)
 - [File Archive Mate \(FAM\) upgrades and QTOS Conversion Option from USA](#)
 - [Generic user support for SECOM security product from GreenHouse](#)
 - [Insession Technologies announces availability of HPR/IP](#)
 - [TapeLabs opens EMEA sales office](#)
 - [TIC TeleFax adds new enterprise software options](#)
 - [Virtual TapeServer enhances integration with Tivoli Storage Manager](#)
- [User group news](#)
 - [Register now for 2005 ITUG European Conference and save 100 euros](#)
 - [Mark your calendar for the OZTUG 2005 Conference and Trade Show](#)
 - [Regional User Group updates](#)
- [Education news](#)
 - [BEA update featured in upcoming NonStop Customer Conference Call](#)

- [Fun stuff](#)
 - [BMW WilliamsF1 team's race for success](#)
- [Important phone numbers and links](#)

Welcome to the January 2005 edition of the *NonStop Computing Update*, a newsletter with information on HP NonStop servers. This newsletter provides brief synopses, with hotlinks for additional information where appropriate.

To subscribe, or for comments or feedback, please send e-mail to [Sharon Wilkerson](#). Your comments, questions, and suggestions are always welcome.

NonStop server news

BT selects HP and IDX to collaborate on NHS Care Records Service for London

HP has [announced](#) that, together with IDX, it will provide an integrated patient records solution running on NonStop servers to BT, the Local Service Provider (LSP) for the NHS in the London region. Under the National Programme for IT (NPFIT) plans, all 50 million NHS patients will have an individual electronic care record by 2010. The London production cluster will consist of 128 NonStop S86000 processors running IDX's Carecast application; an Electronic Patient Record system supporting patient administration, electronic prescribing, and electronic access to clinical results; document imaging; and sophisticated decision support. In total, the new system will benefit approximately 200,000 NHS and Social Services staff across five Strategic Health Authorities serving 7.2 million people. "Healthcare is *the* most critical business. IDX chose the NonStop platform because we believe it is the only platform able to guarantee the performance our customers need. Without 'thinkspeed' computing, clinician acceptance is far harder to gain," said Trevor Stanley, MD, IDX UK.

NonStop Server for Java Version 4.2 software now available

NonStop [Server for Java Version 4.2](#) software, an update to Sun's Java™ Software Development Kit (SDK) 1.4.2_02 base, includes a performance improvement of approximately 13 percent relative to NonStop Server for Java Version 4.0, as measured by SPECjbb, a compute-intensive benchmark. The new release also includes numerous bug fixes and improvements as well as the bundling of JToolkit for NonStop Servers software with NonStop Server for Java 4.2 software, which provides the following tools:

- JPathsend, for calling a Pathway server from Java
- JPathway, for writing a Pathway server in Java
- JEnscribe, for accessing Enscribe files from Java
- DDL2Java, for converting DDL statements into Java classes
- SIP, for IP load balancing

New versions of companion products NonStop Servlets for JavaServer Pages 3.2 (product IDs SJ88v3

and SJ89v3) and NonStop Java Messaging Service 3.1 (product IDs SE53v3 and SE54v3) have also been updated. These companion products have been tested with versions 4.0 and 4.2 of NonStop Server for Java and inherit the performance improvements of the new software. To obtain NonStop Server for Java Version 4.2 software, which continues to be offered free of charge, use product ID SJ96V4A.

Availability of BEA WebLogic Integration 8.1 SP2 on NonStop servers

BEA has completed the verification of [BEA WebLogic Integration 8.1 SP2](#) and BEA WebLogic Workshop 8.1 SP2 for NonStop servers. BEA WebLogic Integration provides customers with a unified framework for business integration, simplified production and management, as well as a new extensible architecture for the rapid assembly and integration of applications, business processes, and partner trading communities. BEA WebLogic Workshop itself runs on the Microsoft® Windows NT® and Linux operating systems. From either of these development environments, BEA WebLogic Workshop is now verified for the development of WebLogic Server and WebLogic Integration applications for deployment to NonStop servers. In support of this development, HP has updated the NonStop Server Toolkit for BEA WebLogic Server and has changed its name to NonStop Server Toolkit for BEA WebLogic Platform 8.1 SP2. The product ID number (SE12V2) remains the same as the previous release. The toolkit is still free and can still be downloaded from the [NonStop eServices Portal](#) (login required).

NonStop operating system RVU G06.25 to ship in January

Release of G06.25, a generally available Release Version Update (RVU) of the NonStop operating system, is delayed until mid- to late January. This one-month delay will ensure a quality release for NonStop system customers. HP will publish an [announcement](#) when RVU G06.25 is ready for shipment.

Changes and additions to Virtual TapeServer for NonStop servers

The [HP Virtual TapeServer](#) product set has been updated to include current HP ProLiant servers and a new Virtual TapeServer Appliance hardware/software product. In addition, several new software options and unbundled software licenses have been introduced, along with a single internal 146-gigabyte disk drive for use with selected servers. Value-added installation and configuration services are also now available and are a required component of all orders for the Virtual TapeServer product.

VT5901 Virtual TapeServer 2U server end-of-sales announcement

HP [announced](#) the end of sales of the VT5901 Virtual TapeServer 2U server, effective December 6, 2004. The VT5901 product, based on the ProLiant DL380 G3 2U Server, is one of the ProLiant server models offered as part of the HP Virtual TapeServer product set used with NonStop servers. This product has been discontinued in order to make room for a later-generation processor-based server with additional configuration flexibility—the ProLiant DL380 G4 Server. New orders for the VT5901 product will no longer be accepted. Instead, orders for a fully compatible replacement product—the VT5900-C Virtual TapeServer—are being accepted as of December 2004. The VT5900-C provides all the configuration possibilities offered with the VT5901 and is based on the ProLiant DL380 G4 Server, which includes the ability to attach the VT5905 and VT5906 RAID arrays. Two Fibre Channel I/O ports and four SCSI I/O ports are included. Note that HP's policy is to end hardware maintenance and support

for NonStop products five years after the last sale of the product.

Success stories

SabreSonic solutions bring more flexibility, lower cost to dynamic airline industry

Gianni Marostica, president of Sabre Airline Passenger Solutions, a division of the travel commerce giant Sabre Holdings, oversees [SabreSonic](#), a flexible, high-performance suite of passenger management solutions. The core components of SabreSonic—which include SabreSonic Shop (shopping and pricing for airline travel), SabreSonic Res (consolidated customer content for a single view of the customer), and SabreSonic Ticket (fulfillment, including innovative solutions for e-ticketing)—all rely on NonStop servers. The SabreSonic solution fits airlines of all sizes, in all stages of growth, in all regions of the world, and utilizing any business model. The NonStop solution serves as the real-time transaction engine, replacing the IBM TPF environment. In addition, the HP Zero Latency Enterprise (ZLE) framework enables robust passenger information, and the powerful, low-cost HP Integrity server farm runs a cost-effective shopping function. The result? High performance and flexibility that enable shorter time to market of innovative solutions, continuous availability ensured for critical applications, and TCO reduced by 45 percent. According to Marostica, “Airlines need to be quicker, they need to be more flexible, they need to be more cost-oriented, and they need to push innovative solutions out to their customers in order to differentiate themselves. We built our SabreSonic solutions to meet these requirements—and our partnership with HP has really helped bring our vision to life. The NonStop system affords us the highest levels of availability, transaction processing speed, and scalability.”

Rabobank uses SecurCS to SSL-enable WebSphere MQ on NonStop systems

Rabobank, the largest financial institution in the Netherlands, has chosen [SecurCS](#) from comForte to implement SSL-based encryption of IBM WebSphere MQ traffic on its NonStop systems. WebSphere MQ users welcomed built-in SSL capabilities provided with Version 5.3 of the software. Because IBM has not yet completed porting this release version to the NonStop platform, Rabobank used comForte’s help to run WebSphere MQ Version 5.1 on the NonStop system, which connects to various other systems running WebSphere MQ Version 5.3. SecurCS then transparently adds SSL support to the WebSphere MQ protocol systems, enabling WebSphere MQ users on NonStop systems to implement SSL today.

General news

HP opens Center for Public Sector IT Thought Leadership in Washington, D.C.

HP announced the [opening](#) of the HP Center for Public Sector IT Thought Leadership, located within HP’s downtown Washington, D.C. facility. The center is a virtual hub to HP’s network of more than 80 solution centers around the globe, which offer the tools and expertise to develop, test, and validate solutions on the latest technologies without the risks associated with in-house testing. Public sector organizations of all sizes can come to the center to discuss how to best integrate their technology environments, improve access to information and collaboration, and ultimately transform the way that technology enables their operations. The HP Center for Public Sector IT Thought Leadership is the latest

example of HP's continued expansion in the public sector, an area in which HP recently announced more than US\$1 billion in new revenue.

HP announces Worldwide IT Services customer wins

In December 2004, HP signed multiple information technology services [wins](#) with worldwide customers in the consumer electronics, healthcare, manufacturing, retail, and telecommunications industries. The global customer contracts build on HP Services' record revenue growth—a 13 percent increase year-over-year, or three times the market growth rate—as reported in HP's financial results for its fourth fiscal 2004 quarter. HP will provide an array of consulting and integration, customer support, and managed services to the following clients: Carl Zeiss AG, Central Bank of Montenegro, Deutsche Flugsicherung GmbH (DFS), DHL, Jim Beam Brands Co., Neuf Telecom, Oklahoma Department of Human Services, Sanyo Electric Company, Ltd., the city of St. Cloud (Stevens Plantation), Florida, and TDC.

ProCurve in Gartner's Challenger Quadrant for Global Campus LANs

[ProCurve Networking](#) by HP has been listed in the challenger quadrant in the 2004 Magic Quadrant for Global Campus LANs report prepared by research and advisory firm Gartner, Inc., based on evaluations on both ability to execute and completeness of vision. ProCurve, a participant in the networking sector for more than 25 years, is a supplier of wired and wireless enterprise networking products, services, and solutions, enabling intelligent network design through the ProCurve Adaptive EDGE Architecture. "Enterprise customers demand more today from their networks than ever before," said John McHugh, vice president and general manager, ProCurve Networking by HP. "We believe that Gartner has recognized ProCurve's proven ability to meet business needs by making advanced networking technology affordable and driving innovation in the critical areas of network security, mobility, and convergence."

Partner news

Bowden Systems DNS server now available

DNS V1.0 from [Bowden Systems](#) is a full port of the UNIX® system-based Domain Name Server and BIND 4.9.7 client/server software to the NonStop operating system's Open System Services (OSS) environment. This software makes it possible for multiple Domain Name System (DNS) servers to exist on a single system. DNS V1.0 can be run in the Pathway environment for increased reliability and includes all the tools usually found on UNIX systems, including the nslookup feature.

comForte announces SSH/SFTP support for SecurFTP

comForte, a leading provider of encryption solutions for NonStop systems, has enhanced its SecurFTP product to support file transfers via [SSH/SFTP](#). SFTP is a protocol for file transfers over a Secure Shell (SSH) session and is particularly popular on UNIX systems. The SSH/SFTP version of the SecurFTP product is crafted specifically for NonStop systems—designed from the ground up for optimal security and ease of administration. SecurFTP/SSH software does not require the NonStop operating system's OSS environment, but offers full OSS support if needed. The SSH/SFTP server implementation, with public key client authentication and OSS file system support, is available today. SSH/SFTP client

functionality will become available in February 2005, and password authentication and Guardian file system support will be added in the second quarter of 2005.

Crystal Point releases OutsideView Version 7.2B

The latest update release of OutsideView software from [Crystal Point](#) includes the addition of SSL encryption capabilities, which are available to all Version 7.2 users regardless of license types and are free to Star Support customers. This update also contains fixes, other enhancements, and performance improvements. For more information, contact [Stacy Arneson](#) at +1 (425) 806 1106.

File Archive Mate (FAM) upgrades and QTOS Conversion Option from USA

Unlimited Software Associates, Inc. (USA) has released a [FAM QTOS Conversion Option](#) to allow an easy, programmatic way to migrate QTOS databases to FAM running on NonStop servers. FAM already includes a utility option to migrate existing Tapes Manager databases to FAM. USA also announces release of a new spooler archive option, called Spooler Mate, that can replace QSPARC. New FAM feature upgrades include the ability to track tapes, automate their movement, configure components of a task, provide real-time Tape Library Management, and institute Tape Operator Task Management and Label Tapes. FAM is operated through an easy-to-use GUI front end—no more “green screens”—and has been architected by ES2 ElySoft2000 from scratch to be a state-of-the-art implementation. With this release, USA is able to respond to market demands for enhanced capabilities quickly. USA is the exclusive worldwide distributor of FAM.

Generic user support for SECOM security product from GreenHouse

SECOM, the command-level security product from [GreenHouse Software](#), now supports generic users when employed as the initial command interpreter. A generic user is defined as a user that is not known to the system but is known to an application. The support of generic users in SECOM allows a non-system user to access the NonStop system environment in a strictly controlled way. For example, SECOM allows a “foreign” operator to access a predefined set of commands for a predefined number of resources on the NonStop system—without the need for a valid system logon or access to TACL. The foreign operator need only know the appropriate SECOM ID and the corresponding password. Configuration on the back end is simple—just specify the resources and commands allowable for execution.

Insession Technologies announces availability of HPR/IP

IP backbone networks are now commonplace in many companies and are used in support of terminal traffic between client devices and servers, as well as data delivery between the servers themselves. The High Performance Routing/Internet Protocol ([HPR/IP](#)) is the latest standard from IBM for supporting hybrid IP networks and SNA application environments. Insession Technologies now brings the support of HPR/IP to the ICE product suite. ICE:HPR/IP on NonStop servers allows companies to take advantage of native integrated LAN controllers for high-speed integration with IBM mainframe servers. Users can also enjoy the value of embedded fault tolerant support for multiple paths across multiple connections.

TapeLabs opens EMEA sales office

Tape Laboratories, in conjunction with Brightstrand International Limited and Twinsoft GmbH, is pleased to announce the establishment of a sales office in the EMEA region. Headquartered in the UK, TapeLabs EMEA will offer a central point of contact for all Virtual TapeServer inquiries from customers, DSPP members, and HP employees within Europe, the Middle East, and Africa. HP staff are encouraged to contact this office for Virtual TapeServer sales and presales support. Contact [TapeLabs EMEA](#) at +44 (0) 141 248 4919.

TIC TeleFax adds new enterprise software options

TIC's leading fax solution, [TeleFax](#) for NonStop servers, is now available with three new software modules that address the fax needs of the total enterprise while also supporting NonStop applications. The TeleFax DESKTOP CLIENT enables users to send a fax from any Microsoft Windows® desktop application as easily as if printing a document or a file. The TeleFax EXCHANGE module provides fax capabilities for Microsoft Exchange users to allow them to easily send and receive a fax from within Microsoft Outlook. The TeleFax WEB module enables users to access fax functions from a Web browser.

Virtual TapeServer enhances integration with Tivoli Storage Manager

[TapeLabs](#) has extended Virtual TapeServer enterprise support and integration for Tivoli Storage Manager (TSM). This new feature, offered without additional charge, seamlessly integrates the popular TSM open system backup management application with the Distributed Systems Management (DSM) or MediaCom catalog of the NonStop system—without requiring special software on the NonStop server. Backups performed by NonStop system users to Virtual TapeServer may be exported by TSM and restored to the NonStop system without operator intervention. Calls for files from the NonStop server are retrieved automatically from the open system by Virtual TapeServer, which immediately makes them available to the NonStop server. Virtual TapeServer is available from HP and is used in a variety of heterogeneous production environments. For more information, contact TapeLabs at +1 (310) 577 1700.

User group news

Register now for 2005 ITUG European Conference and save 100 euros

Register online now for the [2005 ITUG European Conference](#)—by registering before February 28, you can save 100 euros. This event, to be held May 23-25 at the Estrel Convention Center Auditorium in Berlin, Germany brings together the NonStop community of Europe, the Middle East, and Africa (EMEA). Through educational and networking offerings designed specifically for NonStop users, attendees will build on their technical knowledge and network with NonStop professionals from companies throughout EMEA. The conference will feature

- Optional pre-conference educational seminars (May 23)
- NonStop Partner Summit (May 22–23)
- HP executive speakers

- More than 50 NonStop product–focused technical sessions presented by users, vendors, and NonStop specialists
- Special Interest Group (SIG) sessions
- HP Certification Professional program exam overview sessions and on-site testing center
- An Exhibit Hall showcasing NonStop products, solutions, and services as well as exhibits from more than 30 partners and vendors
- Plenty of networking opportunities

Mark your calendar for the OZTUG 2005 Conference and Trade Show

Mark your calendars now for the [OZTUG 2005 Conference and Trade Show](#), ITUG’s Asia-Pacific Conference, to be held on July 25–26.

Regional User Group updates

ITUG has more than 30 active Regional User Groups (RUGs) worldwide and numerous SIGs. View a complete look at the [2005 ITUG calendar](#) for RUGs and SIGs.

- [ATUG](#): The Atlanta Tandem Users Group
- [BITUG](#): The British Isles NonStop User Group will hold a Middleware SIG Meeting on January 26. An Education Day will be held on March 7, followed by the BITUG Summit 2005 Conference on March 8–9.
- [CTUG](#): The Canadian Tandem Users Group
- [DUST](#): The Desert Users of Tandem
- [FINTUG](#): The Finnish regional Tandem Users Group will meet on January 25–27 in Helsinki, Finland.
- [FTUG](#): The French Tandem Users Group will next meet on January 27.
- [GTUG](#): The German Tandem Users Group
- [HUG](#): The Houston User Group
- [INUG](#): The Iberian NonStop Users Group
- [InNUG](#): The India NonStop Users Group is a new regional affiliate of ITUG serving members in India and the surrounding areas. For more information, contact [Nigel Baker](#).
- [KNUG](#): The Korean NonStop Users Group
- [LATUG](#): The Latin America Tandem User Group
- [MATUG](#): The Mid-Atlantic Tandem Users Group
- [MCTUG](#): The Mid-Continent Tandem Users Group will meet on January 25–26 in Overland Park, Kansas.
- [METUG](#): The Middle East Tandem Users Group
- [MiTUG](#): The Michigan Tandem Users Group held a meeting and an Education Day on December 6–7, 2004, featuring an overview of NonStop SQL/MX programming.
- [MRTUG](#): The Midwest Region Tandem Users Group met on December 8, 2004 at the HP office in Chicago, Illinois.

- [MSTUG](#): The Mid-Southern States NonStop Users Group
- [N2TUG](#): The North Texas and Oklahoma Tandem Users Group
- [NCTUG](#): The Northern California Tandem User Group will meet on January 27 at the HP offices in Cupertino, California.
- [NRTUG](#): The Northeast Region Tandem Users Group met on December 6, 2004 at the HP offices in New York.
- [OTUG](#): The Ohio Tandem Users Group met on December 9, 2004 at the HP offices in Dayton, Ohio.
- [OZTUG](#): The Australian Tandem Users Group (meeting in Sydney)
- [PNUTS](#): The Pacific Northwest Users of Tandem met on December 7, 2004 at the HP offices in Bellevue, Washington.
- [RMTUG](#): The Rocky Mountain Tandem Users Group met on December 9, 2004 at the HP offices in Lone Tree, Colorado.
- [SATUG](#): The South African NonStop User Group will hold its fifth-anniversary Summit 2005 event on February 22–23, followed by an Education Day on February 24.
- [SCTUG](#): The Southern California Tandem Users' Group (El Segundo, CA.)
- [SunTUG](#): The SunCoast NonStop Users Group
- [TUMS](#): The Tandem Users of Minneapolis/St. Paul held a meeting on January 7 at the HP offices in Minneapolis, Minnesota.
- [VNUG](#): The Viking NonStop User Group

Education news

BEA update featured in upcoming NonStop Customer Conference Call

The next NonStop Customer Conference Call will be held on February 3 from 8:00 to 9:00 a.m. PDT (U. S.). Presented by Jim Peters from NonStop Product Management and Development, the one-hour webcast will feature an update on BEA products and services for NonStop systems. Calls are presented over worldwide toll-free phone numbers for audio and use the HP Virtual Classroom (HPVC) for slide display. The Customer Conference Call format allows plenty of time for questions. [Sign up](#) now to receive monthly conference announcements, to view upcoming presentations, or to replay previous calls.

Fun stuff

BMW WilliamsF1 team's race for success

[WilliamsF1](#), with 17 FIA Formula One World Championships to its name, along with BMW and the team's many fans, approach the Grand Prix Racing season with lofty expectations. This highly competitive, constantly evolving world is also the ultimate test of technology and performance. Want to know more about how HP servers and notebooks help capture and analyze real-time data from more than 200 aspects of the car's performance? Or how race team engineers analyze this data and use HP technology to make critical—and timely—decisions on the performance of the car?

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 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](#)

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