

NonStop Computing Update: November 2004

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Welcome to the November 2004 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

HP announces three new NonStop servers

HP announces a series of [new products](#) that not only deliver tremendous price/performance improvements for the NonStop family of products, but also protect investments and position customers for the future with Intel® Itanium® processor-based NonStop systems. Three new NonStop servers are being offered:

- The NonStop S88000 server, the new flagship NonStop enterprise product that delivers the highest level of availability along with a 30 percent performance boost
- The NonStop S78000 server, a high-end server with exceptional availability and enhanced performance
- The NonStop S780 server, a two-processor entry-level server

A brand-new NonStop Modular I/O subsystem makes available the next-generation I/O building blocks of high-performance, highly available NonStop servers—providing not only enhanced I/O throughput, but also flexible connection to the HP high-end StorageWorks family and a migration path to the future

Itanium processor-based NonStop servers. A new NonStop M8800 multiport Ethernet adapter can also be configured with the NonStop Modular I/O subsystem to provide increased bandwidth and flexibility for Ethernet connectivity.

Announcing Real Time Financial Services

[Real Time Financial Services](#) (RTFS), a new solution running on NonStop servers, allows financial institutions with complex business environments to have an up-to-the-second unified view of all payments and customer-related data. The new solution helps banks address key business concerns, such as cost pressures, stringent regulatory requirements, operational risk management and post-911 business continuity, merger complexities, and rising client service needs. RTFS is targeted toward two segments of the finance industry. RTFS for Retail Banking is part of the HP OpenBank initiative. RTFS for Wholesale Banking is part of the HP OpenPayments initiative. The OpenPayments solution is a framework of platforms, technologies, common data models, partner solutions and professional services—all of which enable banks to integrate, at the enterprise level, key payments operations that today are typically separate and isolated within operational groups. OpenPayments also allows banks to move from end-of-day batch processing to real-time transaction processing.

HP wins 2004 Mobile Business Solution of the Year Award

Frost & Sullivan has presented HP with the [2004 Mobile Business Solution of the Year Award](#). Frost & Sullivan determined HP as the recipient of this Award in recognition of the company's location-based services (LBS) solution, which enables the mobile carrier to deliver a standards-based end-to-end solution to customers from infrastructure, applications, content delivery, integration services, and support. The NonStop platform efficiently and economically supports seamless integration of location technology into readily usable and reliable offerings, customized to industry needs.... "The HP competitive advantage lies in its ability to deliver a standards-based 'total' solution to the enterprise," notes Frost & Sullivan industry analyst Brent Iadarola. "Frost & Sullivan expects it to become a valuable tool for mobile operators and enterprises looking to generate new revenue opportunities, satisfy customers, and maximize productivity."

Fall 2004 24x7: Hot off the press

HP is pleased to announce that the Fall 2004 issue of 24x7 is now available in print and online. Now in its 12th edition, the award-winning 24x7 is the flagship publication for NonStop server customers. It's the best source available for the broadest, most in-depth coverage of the NonStop system world and includes customer successes, partner solutions, technology insights, and analyst perspectives. This issue of 24x7 focuses on the important role that NonStop servers play in the HP Adaptive Enterprise strategy. Key customers such as SHAZAM, Sprint, and Sabre discuss the importance of NonStop technology to the success of their operations. You'll find timely information on major partnerships, including Accenture and BEA Systems. And the Technology Update section includes a discussion of NonStop Server for Java software. The Fall 2004 issue of 24x7 is available for order through the HP website (publication number: 5982-8323EN). Register for your [free online subscription](#) to 24x7.

9840C tape storage announced for NonStop S-series servers

HP announces the availability of the [9840C tape drives](#) for use with NonStop servers. The 9840C tape drives utilize StorageTek 9840C tape drive technology, which provides high capacity, high performance, and reliability, resulting in excellent media and tape library investment protection. The tape drives store up to 40 gigabytes native on a single cartridge.

Large audit trail sizes now available for NonStop TMF software

With the installation of [Release Version Update](#) (RVU) G06.24 of the NonStop operating system, you can now alter NonStop Transaction Management Facility (NonStop TMF) software's audit trail file sizes online and create audit trail files of greater than 2 gigabytes. The size of NonStop TMF audit trail files can be changed while your application is running, and the master audit trail (MAT) and each auxiliary audit trail can have a different size.

HP Safeguard software enhanced with “allow node names on ACLs” feature

Allow node names on [Access Control Lists](#) (ACLs), a new feature for HP Safeguard software, is now available with the general availability of RVU G06.24 of the NonStop operating system. Currently, users are divided into local and remote communities. With this enhancement, it is possible to further divide remote users into those that are authenticated on a specific NonStop system. This functionality allows more granular control of user access to disk volumes, files, processes, and other resources from and to specific systems.

SequeLink for NonStop SQL/MX Update 4 now available

SequeLink for NonStop SQL/MX Update 4 is now shipping as a controlled availability independent product. This product contains the SequeLink software for the NonStop server as well as other platform drivers based on the DataDirect SequeLink 5.4 software. This new version of SequeLink for NonStop SQL/MX provides

- SequeLink 5.5 software for the NonStop server with support for both NonStop SQL/MP and NonStop SQL/MX Release 2.0
- A file system transport to communicate with the MXCS connectivity service servers that does not require OSS sockets

This release will replace the server component; the client components found on the CD are the same ones distributed in Version 1.2. For more information, see [Support Note S04117](#).

New release of HP Web ViewPoint Version 5 AAF now available

HP Web ViewPoint Version 5 AAF software is now available. New features in this release include conversational terminal emulator, event subscriptions, instant messaging, central acknowledgements, enhanced ftp to support OSS files, and OSS File Manager. Users of Version 4 (all SPRs) or 5 of Web ViewPoint will soon be able to download this release from the Scout site for NonStop servers. An evaluation copy may be [downloaded](#).

Announcing HP Web ViewPoint Plug-in for Pathway software

HP Web ViewPoint Plug-in for Pathway software, [available now](#), is an integral tool for automated operation and management of Pathway applications on NonStop servers. This plug-in product is an optional component to Web ViewPoint software and takes advantage of all structural features of the Web ViewPoint platform that enable a central logon and point of access to all other available features of Web ViewPoint in a secure environment.

NonStop CORBA 2.6.1 Update 1 now available

NonStop CORBA 2.6.1 Update 1 is available now. This product version update is a maintenance release and provides only defect repair. NonStop CORBA 2.6.1 software is an implementation based on the Object Management Group's Version 2.6 Component Object Request Broker Architecture. For further details, see [Support Note S04122](#).

HP Enterprise Toolkit Cross Compilers Update 8 now available

HP Enterprise Toolkit (ETK) Cross Compilers Update 8 is available now. These compilers for Native C/C++, pTAL, and Native COBOL are members of the Enterprise Toolkit product family and can also be used on the Windows® command line. For further details, see [Support Note S04125](#).

Success stories

SHAZAM moves critical EFT processing to NonStop platform

The decision to move core applications from a legacy mainframe to a newer, more open, and more cost-effective environment is never taken lightly. The decision to engage in a wholesale migration, with the aim of completely eliminating a legacy architecture of 17 years' standing, is an even more serious affair. Yet this is precisely the ambitious plan that Iowa-based [SHAZAM](#) is successfully executing. In a groundbreaking project informally dubbed RTS (for "Rewrite the Switch"), the company is on track to move its core switching business, card authorization services, terminal driving business, and key customer enhancement modules to the NonStop platform. "The primary reason SHAZAM is moving to the NonStop platform is to restructure our applications and code, and to create an infrastructure that supports rapid deployment of new products and services," said Terry Dooley, senior VP of Information Technology and CIO, SHAZAM.

TIC's solution for Sumitomo—like money in the bank

Yasuo Terai, vice president and MIS manager of the New York branch of Sumitomo Trust & Banking Co., Ltd., recently lauded TIC's TeleMail product for ensuring system continuity. "TIC's [TeleMail](#) offering has enabled our global NonStop ServerNet environment to ensure system continuity through the implementation of an alert messaging solution," said Terai. "Now, when a system irregularity occurs, our IT staff is notified instantly via e-mail what the issue is, enhancing our monitoring capability and response time. This is a great tool for global system environment like ours!"

General news

HP leads in IT support services revenue worldwide in 2003

For a second year in a row, HP claims the [top revenue spot](#) among providers of infrastructure support services, accounting for 6.2 percent of the total infrastructure services market. The number one ranking is according to a recent Gartner report and follows a string of customer satisfaction awards for the company across its global business.

HP leads in distributed performance and availability management software

HP has achieved a [first-place ranking](#) in worldwide software license revenue in the overall distributed performance and availability management software market for 2003, according to data released by IDC. The analyst firm reported that HP OpenView Management software realized 23.5 percent market share in the category, which represents 26.6 percent growth over 2002 and is almost double that of each of the next two closest competitors.

Starwood Hotels & Resorts selects HP for US\$100 million contract

HP and Starwood Hotels & Resorts Worldwide, Inc. have [announced](#) a broad technology agreement that will enable Starwood to deliver an improved guest reservation experience to its customers around the globe. One of the world's largest hotel and leisure companies, Starwood is a leader in the hospitality industry. As part of a seven-year, US\$100 million contract, the companies are pooling resources and expertise to build a new global reservation system that will be managed by HP. In addition to vastly improved functionality, Starwood anticipates savings of US\$15 million to \$20 million annually on its technology operating costs.

Partner news

ITUG Product Development Excellence Award announced

ITUG is pleased to announce that Quality Systems Assurance, a NonStop systems partner, is the recipient of the first ITUG-sponsored [Product Development Excellence Award](#). The 2005 ITUG Product Development Excellence Award contest period is from January 24 to June 30, 2005. To participate, NonStop system partners provide information on processes and methods in use for the creation, maintenance, employee competency, and customer support for one of their software products targeted to NonStop systems. Entries are judged by a panel of nonvendors, whose expertise is in these competencies, and entries are kept in strict confidence.

PROGNOSIS OSS Performance Monitor now available

[Open System Services](#) (OSS) plays an increasingly significant role in the implementation of applications in NonStop system environments. With its UNIX® system-like user and programming interfaces, OSS allows rapid deployment of new applications on NonStop servers. However, the service levels provided by these new applications are implicitly dependent on the condition of the underlying OSS infrastructure. PROGNOSIS OSS Performance Monitor now provides a complete performance and availability management solution for the OSS infrastructure—delivering in-depth metrics that enable rapid troubleshooting and ongoing performance tuning.

comForte acquires CSL and delivers new release with built-in SSL

Effective as of October 1, 2004, comForte has acquired complete ownership of the [Client Server Link](#) (CSL) product suite from Skybeam Management, Ltd. (formerly ALTA Software, Inc). CSL, a robust and open middleware product used in production at several large customer sites around the world, enables Microsoft® Windows and Java™ clients as well as J2EE and .NET application servers to access Pathway servers on NonStop systems. Working seamlessly with existing Remote Server Call (RSC) or RSC/MP clients, CSL provides a cost-effective replacement for existing RSC middleware and helps customers build enterprise Web solutions both with .NET and J2EE technologies. comForte also announces the availability of a new release of CSL with built-in SSL support, allowing to secure RSC applications without any code change.

comForte's secure file transfer client complements J6530 and SecurFTP

comForte's J6530 and SecurFTP solutions are being complemented by a fully featured graphical Java-based file transfer client supporting the FTP-TLS standard for SSL-encrypted FTP sessions. The new [FTP client](#) can be deployed to remote systems as a Java applet or Web Start application using any Web server, including the Secure Web and Proxy (SWAP) server delivered as part of J6530 and SecurFTP. For SSL-encrypted file transfers, the client interoperates with NonStop server SecurFTP components. Using the new Java FTP client, secure file transfers can be implemented without any installation required on the user workstations.

Dual site processing from GoldenGate

[D24](#), a new add-on module from GoldenGate, is the best solution for implementing a true dual site (bi-directional) environment for high availability. Co-developed and endorsed by ACI Worldwide, D24 takes advantage of new functionality added specifically to BASE24 6.0 Version 4, which together with GoldenGate, results in simplified configuration and operation of a dual site environment on NonStop systems.

Sionet now known as BrightStrand International Limited

As of November 1, Sionet International Limited will be known as [BrightStrand International Limited](#). The company is now approaching its 6th anniversary and the name change is yet another indication that it is moving on to the next exciting phase of company development.

User group news

ITUG Summit 2004 a resounding success

“NonStop solutions are right at the heart of HP's ability to deliver on the Adaptive Enterprise.” With these words Ann Livermore, executive vice president of HP's Technology Solution Group, set the tone for the information-packed [ITUG Summit 2004](#). Livermore was unequivocal in casting the NonStop Server—and the HP Zero Latency Enterprise (ZLE) architecture, which she called “the standard for a real-time enterprise”—as key elements in synchronizing business and IT to capitalize on change. The highly successful Summit took place October 3-7 in San Jose, California. Mayor Ron Gonzalez was on hand to welcome the attendees, noting that the city is proud of its history of contributing to technology.

As always, HP surrounded the conference with a host of events and educational offerings designed to maximize the value of attendees' visit to the area.

2004 NonStop Availability Award winners announced at ITUG Summit

The results are in for the 2004 NonStop Availability awards. Winning this prestigious annual award is proof to a company's customers and employees that availability matters. This year, entrants from around the world were judged on numerous criteria, including system and network availability, change and problem management practices, and service delivery to end-user customers. After extensive review, ITUG is pleased to congratulate the 2004 NonStop Availability Award winners:

- Overall winner: MasterCard International
- Meritorious achievement: Bank-Verlag GmbH and eFunds Corporation
- Honorable mention: Electronic Transaction Services Limited

Competition for the 2005 ITUG NonStop Availability awards will begin January 1, 2005. ITUG will be accepting entries through the end of February as long as customers are already logging outage data. Find out more about entering the [2005 contest](#) or about past winners.

2005 ITUG European Conference in Berlin

Mark your calendars for the 2005 ITUG European Conference, which will take place May 23–25 at the Hotel Estrel in Berlin, Germany. Gather with hundreds of your NonStop system peers for two-and-a-half days of education and networking designed specifically for the NonStop community. Check [ITUG](#) in the coming weeks for more details.

Regional User Group updates

ITUG has more than 30 active Regional User Groups (RUGs) worldwide and numerous SIGs. Take a complete look at the [2004 ITUG calendar](#) for RUGs and SIGs.

- [New RUG](#): The India NonStop Users Group (InNUG) is a new regional affiliate of ITUG serving members in India and the surrounding areas. InNUG held its kick-off meeting September 9–11 in Goa. This event featured customer presentations as well as vendor and HP sessions. For more information, contact [Nigel Baker](#).
- [Midwest Roadshow](#): Three regional ITUG affiliates in the midwestern United States hosted a roadshow that started with MRTUG in Schaumburg, Illinois, on September 14. It traveled to MiTUG in Michigan on September 15, followed by OTUG on September 16.
- [ATUG](#): The Atlanta Tandem Users Group will meet on November 10 at the HP offices in Atlanta.
- [BITUG](#): The British Isles NonStop User Group held a meeting in London on October 27, 2004. This meeting served as a great opportunity to review the ITUG Summit and hear more information on Itanium and Storage topics. BITUG will hold an Education Day March 7, 2005, followed by the BITUG Summit 2005 Conference on March 8–9.

- **CTUG**: The Canadian Tandem Users Group will meet on November 17 in Toronto and November 18 in Montreal.
- **DUST**: The Desert Users of Tandem will hold its next meeting on November 9 at the HP Offices in Tempe, Arizona. The group will review some of the ITUG Summit for those who could not attend, and Khody Khodayari will be the featured speaker.
- **FINTUG**: The Finnish regional Tandem Users Group
- **FTUG**: The French Tandem Users Group will meet on November 25. The group held a meeting in Tigery on September 16, which served as a great opportunity to discuss many of the newer technologies, including Open System Services (OSS) and Java, as well as disaster recovery issues and the HP roadmap.
- **GTUG**: The German Tandem Users Group will hold a conference on November 9–10.
- **HUG**: The Houston User Group
- **INUG**: The Iberian NonStop Users Group met on October 29 at the HP offices in Las Rozas, Madrid, Spain. This meeting served as a great opportunity to learn more about ITUG and the local user group in Spain.
- **KNUG**: The Korean NonStop Users Group
- **LATUG**: The Latin America Tandem User Group will meet on November 16 in Mexico City. LATUG serves NonStop product customers in Argentina, Bolivia, Brazil, Chile, Colombia, Mexico, Paraguay, Peru, Puerto Rico, Venezuela, and Uruguay.
- **MATUG**: The Mid-Atlantic Tandem Users Group
- **MCTUG**: The Mid-Continent Tandem Users Group will meet on December 1 in Overland Park, Kansas.
- **METUG**: The Middle East Tandem Users Group
- **MiTUG**: The Michigan Tandem Users Group held a meeting on September 15 at the HP offices in Livonia.
- **MRTUG**: The Midwest Region Tandem Users Group participated in the Midwest Roadshow in Schaumburg, Illinois, on September 14.
- **MSTUG**: The Mid-Southern States NonStop Users Group
- **N2TUG**: The North Texas and Oklahoma Tandem Users Group will meet on November 5.
- **NCTUG**: The Northern California Tandem User Group
- **NRTUG**: The Northeast Region Tandem Users Group is planning their next meeting on November 11, 2004, in the HP office in New York. More details will be available soon.
- **OTUG**: The Ohio Tandem Users Group participated in the Midwest Roadshow on September 16. The event was held at the JPMorgan Chase (Bank One) offices in Columbus.
- **OZTUG**: The Australian Tandem Users Group (meeting in Sydney)
- **PNUTS**: The Pacific Northwest Users of Tandem
- **RMTUG**: The Rocky Mountain Tandem Users Group held a meeting on the afternoon of September 9 at the HP offices in Lone Tree, Colorado. Dale Wood of Blackwood Systems and John Haverland of HP gave presentations. Details on their presentations and the upcoming meeting in December are available.

- [SATUG](#): The South African NonStop User Group will hold its fifth-anniversary Summit 2005 Event on February 22–23, 2005, followed by an Education Day on February 24, 2005.
- [SCTUG](#): The Southern California Tandem Users' Group (El Segundo, CA.)
- [SunTUG](#): The Florida NonStop Users Group will hold an Education Day on November 17 in Tampa, Florida.
- [TUMS](#): The Tandem Users of Minneapolis/St. Paul
- [VNUG](#): The Viking NonStop User Group

Education news

NonStop University Online Quick Start Program

The NonStop University (NSU) online learning application offers a convenient, easy-to-access 24x7 way to learn about NonStop server technology and application environments. The [NSU Online Quick Start Program](#) is really two applications in one: first, it's a set of learning tracks, complete with lessons, demonstrations, and self-paced interactive presentations; and second, it is ideal for just-in-time learning by enabling quick search functionality across a database of Technical Update Training (TUT) presentations, courseware, white papers, and reference materials. A special introductory offer is available to customers who place an order for the NSU Online Quick Start Program by November 6, 2004. These customers will receive an additional six months on their one-year subscription service—a significant savings.

Service and support news

Support note describing NonStop TMF disaster recovery steps is updated

A support note that describes the steps for restoring an entire NonStop Transaction Management Facility (NonStop TMF) configuration to another system with a different node name and/or node number has been updated. This support note details how to use the disaster recovery to a new system (DRNS) feature of NonStop TMF. This feature requires that audit trails and online dumps are available, as well as a backup of the NonStop TMF configuration subvolume. Disaster recovery using the method described in this support note can only be performed if audit trails are being dumped, and online dumps are being taken at regular intervals using the procedure described in this support note. For further details, see [Support Note S02073B](#).

Using NonStop SQL/MX names with no Guardian DEFINE support

This support note describes options to reference NonStop SQL/MX tables and views in application programs as alternatives to Guardian DEFINES. NonStop SQL/MX table and view names are three-part logical names. NonStop SQL/MX software does not provide an equivalent DEFINE function to map names in a program to the three-part logical name. NonStop SQL/MP table names and view names are Guardian file names and can be referenced alternately using Guardian DEFINES. Applications can use unqualified names or partially qualified names, or PROTOTYPE host variables in NonStop SQL/MX Release 2.0 (G06.23 through G06.25 RVUs). For further details, see [Support Note S04098](#).

NonStop JDBC Type 4 Driver Version 10 Update 1 available

The NonStop JDBC Type 4 driver Version 10 Update 1 is now available as an independent product. This driver is a high-performance type 4 client that provides remote access from heterogeneous Java clients to NonStop SQL/MX Release 2.0 MP and MX tables. The driver is JDBC 3.0 compliant and can be deployed in a number of different two-tier and multi-tier configurations. The type 4 driver is integrated with the features of the NonStop SQL/MX database server and provides a highly available and scalable connectivity solution to the NonStop platform. This type 4 driver also supports features like statement pooling, the ability to call a stored procedure written in Java, use of embedded SQL in Java, and thread-safe nonblocking behavior. For further details, see [Support Note S04119](#).

Using the HP Enterprise Toolkit to develop NonStop CORBA applications

This support note lists the steps necessary to create an environment to develop NonStop CORBA applications using the Enterprise Toolkit. As of ETK 2.0 and NonStop CORBA C11-AAB, NonStop CORBA projects can be built using tools supplied by HP. For further details, see [Support Note S03082A](#).

Fun stuff

Ralf Schumacher clinches second place in Japanese Grand Prix

BMW WilliamsF1 team driver Ralf Schumacher secured the team's third podium finish of the 2004 season after a flawless performance on the Suzuka circuit at the Japanese Grand Prix October 10. Teammate Juan Pablo Montoya crossed the finish line in seventh place. Over the course of the weekend, all the F1 teams had to react to a unique logistical challenge—most of the paddock had to be dismantled in case the typhoon hit Suzuka. Preparations for the back-to-back qualifying sessions and the race had to be executed in a very short period of time once the typhoon "Ma-on" had passed by. Ralf's brother Michael came in first place for team Ferrari, and Jensen Button of B.A.R Honda was third. To read more about the race, go [here](#) and select Race Archive from the Season 2004 menu. Then select GP Japan.

Montoya wins a timely boost in Brazilian Grand Prix

Juan Pablo Montoya's Brazilian Grand Prix win for [BMW WilliamsF1](#) on October 26 came at the perfect time for the team as they pack up and shift their focus completely toward Melbourne 2005. "This victory has provided us with a boost for the 2005 season," said BMW Motorsport Director Mario Theissen. "Over the course of the season, we have made many minor steps, and these steps have led us back to the very top. Next year, we will make another assault." Yet it has still to be decided who will be the second driver for this assault. Both long-term BMW WilliamsF1 Team drivers, Juan Pablo Montoya and Ralf Schumacher, are to leave the team. Mark Webber will move from Jaguar Racing to the BMW WilliamsF1 Team, but a driver for the team's second Grand Prix seat has not yet been signed.

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 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**](#)
- [**ITUG**](#), a user group for the NonStop server community: +1 (312) 321 6851
- [**NonStop Services & support**](#)
- [**Network & service providers**](#)
- [**Privacy statement**](#)

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