

# NonStop Computing Update: December 2004

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Welcome to the December 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 offers better alternatives to legacy mainframes**

Hundreds of companies with mainframes from IBM and other vendors have turned to HP to deploy new solutions based on highly reliable, manageable, and standards-based platforms that lower the total cost of computing while increasing business flexibility. As part of our Adaptive Enterprise strategy, HP offers a choice of server, storage, software, and networking solutions based on world-class operating systems (HP-UX 11i, Linux, NonStop, Windows®, and OpenVMS), supported by best-in-class applications and middleware vendors. The new “Better Evolution for Legacy Mainframes” website provides a wealth of information about HP solutions as alternatives to expensive, inflexible mainframe systems. The website also includes a [Mainframe Transition Tool Matrix](#) with extensive alphabetical listings of companies that offer software tools and specialized services for transitioning from mainframes to HP servers, including NonStop servers. This matrix allows customers to quickly locate partners, products, and services available for use with HP platforms.

### **ASAP software enhanced to provide even higher levels of availability monitoring**

HP [Availability Stats and Performance](#) (ASAP) software for NonStop servers is now enhanced to provide even higher levels of availability monitoring. This new release delivers more power and storage and includes enhancements such as automatic actions and notification options. All ASAP Version 2.5 software components are now four times faster than previous releases. In addition, ASAP software includes new interfaces to Open System Services (OSS), the NonStop operating system, and HTML and Microsoft® Excel files, as well as a new HP OpenView software Smart Plug-In Interface (SPI). A new, long-term historical database allows days, weeks, months, or years of ASAP availability statistics to be archived automatically, and a new disk entity supports HP StorageWorks XP Enterprise Server Storage (ESS) devices.

## **NonStop S86000 server and NonStop S76 family of servers end of sales**

The NonStop Enterprise Division has announced the end of sales (EOS) of the NonStop S86000 server and the NonStop S76 family of servers, comprising S76000, S7600, S760, and S76 servers. The end-of-sales date is April 30, 2005. Trade-in and upgrade credits will remain available until further notice. HP will continue to offer hardware maintenance services for a minimum of five years following the date of the product's last sale by HP. Find a complete [list](#) of the affected hardware products, replacement products, and schedule details.

## **DSM/TC Diagnostic and Maintenance Tool**

The Distributed System Management/Tape Catalog (DSM/TC) Diagnostic and Maintenance Tool, released and supported by the HP Global Customer Support Center, can be used to detect old format tape catalogs and convert them to newer formats. The tool is especially helpful to those planning to migrate DSM/TC systems to release version update (RVU) G06.23 or later of the NonStop operating system for NonStop S-series servers or to NonStop S-series hardware from any hardware platform earlier than the NonStop S-series. The tool also provides a set of DSM/TC diagnostic and maintenance commands not otherwise available and can be installed and used on any RVU that supports DSM/TC. However, it is most useful on NonStop S-series systems running RVU G06.11 and later. For more information, see [Support Note S03106B](#).

## **Extensive new features for HP Web ViewPoint Version 5 software**

Update 1 for Web ViewPoint Version 5 software includes new features such as a new structural design that accepts independent plug-ins to Web ViewPoint software, menus that replace tabs, and a new product activation method that allows users to receive timely product updates, news, and announcements. Performance has also been enhanced and many limitations—for example, the limitation of 64 kilobytes for opening files—have been eliminated. In addition, a new Web-based editor offers text search and replacement capabilities, as well as the ability to save a file to a different location on the host. Web ViewPoint Version 5 is compiled in native mode and is compatible with all NonStop K-series servers employing RVUs from D48 forward and all NonStop S-series server RVUs. For further details, see [Support Note S04129](#).

## **Announcing HP Web ViewPoint Plug-in for Pathway software**

Web ViewPoint Plug-in for Pathway is new plug-in software for the Web ViewPoint (Version 5 or later) product and can be used to manage Pathway applications, monitor application status, and execute smart commands. The plug-in is managed by Web ViewPoint software, without generating any additional operations overhead. The Web ViewPoint Plug-in for Pathway is compiled in native mode and compatible with all NonStop K-series servers employing RVUs from D48 forward and all NonStop S-series server RVUs. For further details, see [Support Note S04130](#).

## **Opsol ZLE Adapter for ATM, POS Version 1 in Controlled Availability**

HP announces Controlled Availability of the Opsol ZLE Adapter for ATM, POS Version 1 solution. The Opsol ZLE Adapter for ATM, POS is a middleware product that provides an interface between ACI's BASE24 software and the HP ZLE infrastructure. For further details, see [Support Note S04137](#).

## Success stories

### **Sprint counts on NonStop servers for superior performance with low TCO**

As a principal network design engineer at Sprint, Tom Steele has a vested interest in the evolution of the NonStop platform as it moves to the Intel® Itanium® microprocessor and the NonStop Advanced Architecture—that's why he sits on the HP Itanium Migration Advisory Group. According to Steele, the Itanium processor-based NonStop server will deliver [cost savings and greater flexibility](#), in addition to a significant price/performance boost. "In the current NonStop server environment, development systems have the same level of fault tolerance as production systems," he explained. "But with the new Itanium processor-based system, you can drive the cost down by using a non-fault-tolerant simplex machine for development. For production, if you just need the same kind of fault tolerance you have today, you deploy a duplex system. And if you have an extremely critical application, you can make it a triplex system; HP hasn't even calculated the number of 'nines' that you can get from one of those."

## General news

### **HP reports fourth quarter 2004 results**

HP reported financial results for its [fourth fiscal quarter](#), ending October 31, 2004. Fourth quarter revenue increased 8 percent year-over-year to US\$21.4 billion. "During the quarter, we delivered solid revenue growth of 8 percent year-over-year and achieved record revenues in every business and every region. This growth, combined with excellent expense management, drove an increase in non-GAAP earnings per share of 14 percent and GAAP earnings per share of 32 percent," said Carly Fiorina, HP chairman and chief executive officer.

### **HP business agility indexes enable performance measurements**

HP has announced [vertical industry indexes](#) for measuring the agility of critical business processes and IT infrastructure to help companies worldwide assess and ultimately improve business performance. Based on data gathered from business and IT executives at more than 300 global enterprises in the financial services, manufacturing, IT service provider, and telecommunications industries, the vertical industry indexes allow companies to identify, prioritize, and address high-value areas of business operation that may not be responding effectively to changing market conditions. Due to the diversity of business sectors from which the data was gathered, companies also can compare the agility of their critical business processes and IT organization against others in their industry. The vertical industry indexes are part of the HP Agility Assessment Service.

### **HP and Intel launch first-of-its-kind Innovation Center in Asia**

HP has teamed with Intel to launch an [Industry Innovation Center](#) in Shanghai that showcases technology and business solutions targeted at the finance, manufacturing, public sector, and telecommunications industries. The center is a first of its kind in the Asia-Pacific region. Developed in collaboration with Intel, the center will offer a full range of front-end and back-end technologies that target banks, insurers, and brokerage firms. HP financial solutions will be the first set of demonstrations

at the center, in conjunction with HP Financial Services Industry Week in Shanghai. The Industry Innovation Center is just one of the ways that HP continues to serve China's burgeoning financial industry, which will grow from approximately \$4.71 billion this year to an estimated \$8.08 billion by 2008, according to IDC. Solutions from the Industry Innovation Center also will be introduced remotely through online 3D demos or video.

### **HP signs five-year, US\$500M IT services deal with German bank**

A [ComputerWorld](#) article by Linda Rosencrance reports that HP has signed a five-year, US\$500 million IT services contract with German financial services provider WestLB AG. "This is a good win for us in that it has a global component to it," said Joe Hogan, vice president of worldwide marketing, strategy, and alliances for HP Managed Services. "We're going to manage the global IT infrastructure worldwide and provide some application services to them, which we're currently defining back and forth with them right now." Under the deal, which goes into effect on January 1, HP will provide application and infrastructure services and will manage and operate WestLB's networks and desktop environment worldwide—including mail systems, workplace technology, and telephony, Hogan said.... In addition, HP will provide customer support and project services for the financial services provider. "The transfer of our IT functions represents a further milestone in WestLB's strategy of concentrating on its core functions going forward," said Klaus-Michael Geiger, a member of WestLB's managing board. "HP offered us a convincing customized service package that will provide flexible and cost-efficient solutions. In addition, it is supported by a cogent strategy for the employees of WestLB Systems."

### **Partner news**

#### **OpenNET/Automated Operator (AO) Release 3.3.1 from Insession**

Issues like multiple engineers unknowingly working on the same EMS messages and problems like being required to open multiple windows to view EMS messages from multiple nodes can become a distant memory with Release 3.3.1 of OpenNET/Automated Operator (AO). In this new release, all users have the ability to see the same EMS messages and acknowledge the messages that they are working on—thus eliminating duplication of effort. With this new release, you can also use the Console application to view all messages from all nodes in a single window, eliminating the clutter of opening multiple windows on your desktop. Console provides real-time and customized monitoring of EMS messages within the enterprise. The OpenNET products are developed by ESQ Business Services, Inc. and distributed by Insession Technologies, Inc. Learn how to solve issues using the Console application or download a [trial copy of OpenNET/AO](#) or contact [lprovider](#).

#### **TSI announces latest generation CT9841FC tape drives**

[Tributary Systems, Inc. \(TSI\)](#) announces the availability of the new CT9841FC-x tape drives for NonStop S-series servers. These new CT9841FC-x tape drives, based on the 9840C technology, provide high capacity, high performance, and increased reliability and are a replacement path for the CT9840-x series products. The CT9841FC-x tape drives are available in two library configurations: the HP CTL700/CTL700M and the StorageTek 9310 Powderhorn. These latest generation tape drives are available through your HP sales representative. For more information on TSI's new enterprise-level

storage products, contact TSI USA Sales at 1 (817) 354 8009.

### **Insession Technologies demonstrates service-oriented architecture**

Insession Technologies displayed the power of Web services and a service-oriented architecture at ITUG in October. The demo showed the coordination of multiple Pathway applications in a hybrid server environment of NonStop and Linux servers by combining a suite of solutions: WebGate Web services, SafeTGate Single Sign-On (SSO) security, and WorkPoint business process management/workflow. View an [outline of the ITUG demo](#) or contact [Iprovider](#).

### **comForte's SecurTN now with full OSS support**

SecurTN, comForte's feature-rich secure [Telnet Server](#) for NonStop servers, has been enhanced to fully support OSS terminal sessions. SecurTN provides optimal security, with built-in Secure Sockets Layer (SSL) Telnet session encryption and strong user authentication. It interoperates with any SSL-enabled Telnet client, such as comForte's MR-Win6530, J6530, or JPath, and includes a remote SSL proxy to add SSL security to any non-SSL Telnet client. SecurTN is also specifically tailored for high-volume environments. With its ability to support more than 1,000 concurrent sessions in a single instance, SecurTN dramatically simplifies administration for systems with a high number of Telnet users. The implementation of full OSS session support carries the proven features of SecurTN from the Guardian (with TACL) environment into the OSS environment.

### **BCGI first to benefit from PROGNOSIS and HP OpenView integration**

Boston Communications Group, Inc. (BCGI), the first beta customer for the [Integrated Research PROGNOSIS](#) Smart Plug In (SPI) for HP OpenView software, gained further visibility and control of the infrastructure and the applications that are crucial to its own business and that of its customers in the telecommunications sector. "PROGNOSIS offered an elegant solution that enabled us to seamlessly integrate our NonStop servers and OpenView system and provide us with a single, real-time view of our systems and platforms," said Robert Cline, vice president of production systems for BCGI. "It enabled us to fully leverage the training and knowledge of our network monitoring team by allowing the front-end environment to remain practically unchanged, while introducing the ability to combine real-time monitoring capabilities with a clear view of root cause analysis.

### **Bowden's NTP Version 1.0 software now available for Guardian environment**

Bowden System's [Network Time Protocol](#) (NTP) Version 1.0 software for NonStop servers is the full port of the NTP client/server software to the Guardian environment. NTP 1.0 software sets and keeps the NonStop system synchronized with the external source time within one-second accuracy. System time can be set at startup with the client, and it can be set to multiple time sources. In addition, the NonStop system can be synchronized with other systems in a global, regional, or local network. Bowden Systems is offering a free trial of the software until January 30, 2005.

### **Concord EFS using PWQASEEP on NonStop servers**

Concord EFS chose to implement [Password Quality Security Event Exit Process](#) (PWQASEEP) on NonStop servers to satisfy Visa's Cardholder Information Security Program (CISP) requirements.

PWQASEEP controls all password changes based on a set of configurable rules. With PWQASEEP, Concord EFS not only satisfies CISP requirement Number 7, but also Sarbanes Oxley standards (Section 404) that relate to password control and audit. HIPAA security requirements (Chapter 13) also require similar password compliance practices. USA, Inc. markets and supports PWQASEEP in North America for product developer GreenHouse Software Solutions, GmbH.

### **OSS updates to SafePoint Admin and SafePoint Reports software**

Baker Street Software's [SafePoint Admin](#) product has been enhanced by adding OSS user administration capabilities that provide extensions not included in HP Safeguard software, such as the assigning of OSS initial directory permissions, owner, and group to Safeguard users and aliases. The SafePoint Report product now provides Excel reports that show OSS directory and file permissions. Other enhancements include inactive user reporting, which shows inactive or barely active user IDs or aliases (as mandated by recent HIPAA requirements). Other HIPAA-related reporting functions available include reports on the usage of various IDs (most important, Super.Super), who is using the IDs, what the IDs are being used for, denied logon attempts, and which users have accessed specified files. USA, Inc. markets and supports the SafePoint Admin and SafePoint Report products worldwide for product developer Baker Street Software.

### **User group news**

#### **Call for presentations for 2005 ITUG European Conference in Berlin**

Planning for the 2005 ITUG European Conference, May 23–25 in Berlin, is well underway. Consider sharing your NonStop server–related experiences with your colleagues by presenting a case study, a success story, migration tips, or another related topic. Customer speakers receive complimentary conference registration (a value of approximately 950 euros), which includes access to all conference activities, scheduled meals, and social functions. The deadline to submit an [abstract](#) is December 3.

#### **Regional User Group updates**

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

- [ATUG](#): The Atlanta Tandem Users Group met on November 10 at the HP offices in Atlanta.
- [BITUG](#): The British Isles NonStop User Group held a Performance and Capacity Management SIG and BITUG AGM on December 1. 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 organized two meetings on the topic of OSS (Open Systems Services), the first in English on November 17 in Toronto and the second in French on November 18 in Montreal.
- [DUST](#): The Desert Users of Tandem held a meeting on November 9 at the HP offices in Tempe, Arizona. The group reviewed ITUG Summit highlights for those who could not attend and Khody Khodaryari was the featured speaker.

- **FINTUG**: The Finnish regional Tandem Users Group
- **FTUG**: The French Tandem Users Group met at the HP office in Issy-les-Moulineaux, France on November 25. Another FTUG meeting is scheduled for January 27, 2005.
- **GTUG**: The German Tandem Users Group held its Fall conference in Leipzig, Germany 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.
- **InNUG**: The India NonStop Users Group 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. For more information, contact [Nigel Baker](#).
- **KNUG**: The Korean NonStop Users Group
- **LATUG**: The Latin America Tandem User Group met 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 met on December 1 in Overland Park, Kansas.
- **METUG**: The Middle East Tandem Users Group
- **MiTUG**: The Michigan Tandem Users Group will hold an Education Day on December 6, featuring an overview of NonStop SQL/MX programming. A meeting will follow on December 7.
- **MRTUG**: The Midwest Region Tandem Users Group will meet on December 8 at the HP offices in Chicago, Illinois.
- **MSTUG**: The Mid-Southern States NonStop Users Group
- **N2TUG**: The North Texas and Oklahoma Tandem Users Group met on November 5.
- **NCTUG**: The Northern California Tandem User Group will meet on January 27, 2005, at the HP offices in Cupertino, California.
- **NRTUG**: The Northeast Region Tandem Users Group will meet on December 6 at the HP offices in New York.
- **OTUG**: The Ohio Tandem Users Group will meet on December 9 at the HP offices in Dayton, Ohio.
- **OZTUG**: The Australian Tandem Users Group (meeting in Sydney)
- **PNUTS**: The Pacific Northwest Users of Tandem will meet on December 7 at the HP offices in Bellevue, Washington.
- **RMTUG**: The Rocky Mountain Tandem Users Group will hold its next meeting on December 9 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, 2005, followed by an Education Day on February 24, 2005.
- **SCTUG**: The Southern California Tandem Users' Group (El Segundo, CA.) held a meeting on

November 10.

- [SunTUG](#): The SunCoast NonStop Users Group held 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

### Sign up now for the second NonStop Customer Conference Call

The first NonStop [Customer Conference Call](#) was a complete success, with more than 225 NonStop customers and consultants from around the world clicking in for the one-hour webcast. Pauline Nist, vice president of the NonStop Enterprise Division, presented "What's New in the World of NonStop" to attendees participating from their desktops. The monthly series moves to a technical update format with this month's December 2 presentation of "NonStop SQL/MX Native Tables," featuring Mala Chandra, NonStop product manager. Sign up now to receive monthly conference announcements, to view upcoming presentations, or to replay previous calls.

## Service and support news

### NonStop SQL/MX Release 2.0 migration considerations

This new support note provides considerations for customers who plan to upgrade from NonStop SQL/MX Release 1.8 (G06.18 through G06.2 RVUs) software to NonStop SQL/MX Release 2.0 (G06.23 or G06.24) software. It includes a wealth of information about everything from CONTROL QUERY SHAPE considerations and Transaction Isolation Scoping to using NonStop SQL/MX Release 2.0 with Enterprise Storage System (ESS) disks. For further details, see [Support Note S04057A](#).

### Update 6 for NonStop Server for Java 4 software

NonStop Server for Java 4 Update 6 software is now available. This update contains the most current generally available SPRs for NonStop Server for Java 4 (AAE), the JDBC Driver for NonStop SQL/MX 1.8.5 software, the JDBC Driver for NonStop SQL/MP software, and the JDBC Driver for NonStop SQL/MX Release 2.0 software. It is a maintenance release update and includes no new features.

NonStop Server for Java 4 is a certified implementation of Java 2 Platform, Standard Edition (J2SE) SDK 1.4.1. NonStop Server for Java 4 provides an enterprise-class software environment that allows you to run standard Java applications on NonStop servers. For additional information, see [Support Note S04127](#).

### HP Pocket ViewPoint Version 1 Update 2 software (native mode)

HP Pocket ViewPoint Version 1 Update 2 software has been compiled in native mode and is compatible with all NonStop K-series servers employing RVU D48 and later as well as all NonStop S-series server RVUs. For details, see [Support Note S04131](#).

## **OpenView NonStop Server Performance Management Version 1 (native mode)**

A native mode version of HP OpenView NonStop Server Performance Management software is now available as a Controlled Availability independent product. This version is compatible with all NonStop K-series servers employing RVU D48 and later as well as all NonStop S-series server RVUs. For details, see [Support Note S04132](#).

## **Fun stuff**

### **“A great way to end a tough year” for the BMW WilliamsF1 team**

In the [race review](#), BMW WilliamsF1 Team Principal, Frank Williams, reflects on the Brazilian Grand Prix and the 2004 FIA Formula One World Championship from the BMW WilliamsF1 Team’s point of view. "Juan Pablo’s win in Brazil was a great way to end a tough year for the team," said the Englishman.

## **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](#)
- [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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