

NonStop Computing Update

June 2004

Welcome to the June 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.

In this issue:

NONSTOP SERVER NEWS

- 1) HP unveils the Real Time Supply Chain solution
- 2) Next-generation supply chain webinar highlights HP case study
- 3) New NonStop RDF/ZLT software ensures no lost transactions
- 4) Native C/C++ cross-compiler update 6 now available
- 5) HP Web ViewPoint Version 5 now available
- 6) Enterprise Toolkit—NonStop Edition Version 2.0 now available
- 7) HP Atalla Resource Manager Update 5 now available
- 8) New release of Scout for NonStop servers
- 9) NonStop XML Parser Version 5.0 now available

SUCCESS STORIES

- 10) BEA WebLogic and NonStop platform team for success
- 11) Fastest-growing ATM processor in U.S., Genpass counts on NonStop platform
- 12) Mission Critical Consultant success story: X.25 to TCP/IP migration
- 13) Consultant provides services to European telecommunications company

GENERAL NEWS

- 14) HP IPAQ Pocket PCs in space
- 15) HP shines at ENSA@WORK 2004 event

PARTNER NEWS

- 16) GoldenGate 7.0 for NonStop platform now available
- 17) Wily Technology adds application management support for NonStop platform
- 18) HP licenses comForte's SSL technology for HP OSM product
- 19) Browser-based secure NonStop server access for 35,000 users
- 20) ETI-NET announces expanded availability of BackBox Virtual Tape Controller
- 21) Virtual TapeServer offers expanded Fibre Channel connectivity
- 22) Secure Command Manager—Lite now available from GreenHouse

USER GROUP NEWS

- 23) Still time to register for ITUG European Conference in Madrid
- 24) NonStop Partner Summit update: June 6–7 in Madrid
- 25) Asia-Pacific and Korean NonStop Users Group Summit scheduled for June
- 26) Register for OZTUG 2004 Conference & Trade Show and save AU\$100
- 27) Call for speakers at ITUG Summit 2004
- 28) Worldwide Survey of HP Customers is now online
- 29) Regional user group updates

EDUCATION NEWS

- 30) Bring a buddy to class and save \$100

SERVICE AND SUPPORT NEWS

- 31) HP mission-critical services for NonStop servers announced
- 32) Support note addresses impact of Destination Control Table limit

33) Support note discusses improved availability disk configuration

FUN STUFF

34) Ralf Schumacher scores three points for BMW WilliamsF1 team in Spain

35) Juan Pablo Montoya takes five points at Monaco

IMPORTANT PHONE NUMBERS AND LINKS

NONSTOP SERVER NEWS

1) HP unveils the Real Time Supply Chain solution

The HP Real Time Supply Chain (RTSC) solution is the latest such solution to simplify real-time integration of multiple supply chain applications, versions, and data, offering customers a single, up-to-the-second view of the entire supply chain. Based on the HP Zero Latency Enterprise (ZLE) architecture, RTSC enables

- End-to-end process visibility
- Real-time event awareness with historical reference for a powerful decision-making tool
- The leveraging of new and existing supply chain investments to unleash additional benefits
- Reduced supply chain costs and improved service levels
- New levels of integration

With a real-time view of the supply chain, businesses can leverage and respond to changes in their supply chain environment, enable more informed and timely decision making, and link the internal and extended enterprise. The RTSC solution includes data management technology, business applications, and consulting and integration services, which leverage HP's extensive industry experience.

<http://h71033.www7.hp.com/object/RTSCXNW.html>

2) Next-generation supply chain webinar highlights HP case study

Viewers can replay this online seminar, given on April 27, to hear industry-leading presenters from the Supply-Chain Council, MIT, HP, SAP, and PRTM explain how successful companies have developed a series of building blocks in support of best practices for supply chain management. This seminar details how HP has experienced immediate, measurable savings across its entire internal supply chain by leveraging its own technology. Now status, inventory data, and other key business information are made available across the entire supply chain, in real time, providing up-to-the-second supply chain visibility to decision makers.

<http://h71033.www7.hp.com/object/SUPCHNARXNW.html>

3) New NonStop RDF/ZLT software ensures no lost transactions

NonStop Remote Database Facility (RDF)/ZLT (product ID SA88V1), is the software component of a solution that consists of hardware, software, and HP services. It is an add-on to NonStop RDF/IMPX (product ID SA44V1), which ensures that no committed transactions are lost (zero recovery point objective, or RPO) upon system failure by locating half of the mirrored Transaction Management Facility (TMF) audit trail volume(s) remotely from the source system. View the NonStop RDF configurations brochure for more information.

<http://h71033.www7.hp.com/object/RDFCFGTB.html>

4) Native C/C++ cross-compiler update 6 now available

The native C/C++ cross-compiler update 6 is part of the HP Enterprise Toolkit—NonStop Edition product family and can be used on the Microsoft® Windows® operating system command line. The package contains two fixes to cross-compilers for NonStop Kernel Release Version Update (RVU) G06.22, as well as other features and fixes. For further details, view Support Note S04040 at <https://onepoint.nonstop.compaq.com/buildpage.asp>.

5) HP Web ViewPoint Version 5 now available

HP announces the availability of Web ViewPoint Version 5 software (product ID SJ70V5) for automated object management of NonStop server subsystems. This product is an integral tool for automated operation and management. The new version offers an extensible design to facilitate independent plug-ins and additional enhancements to all three major subsystems: the event viewer, the operations manager, and the performance monitor. Web ViewPoint Version 5 has been compiled in native mode and is compatible with all RVUs for NonStop K-series servers, from D42 onward, and all RVUs for NonStop S-series servers. <http://h71033.www7.hp.com/object/WEBVWXAN.html>

6) Enterprise Toolkit—NonStop Edition Version 2.0 now available

Enterprise Toolkit—NonStop Edition is a Windows system-based Integrated Development Environment (IDE) that plugs into the Microsoft Visual Studio .NET application and allows operators to edit, compile, build, and deploy NonStop applications in a variety of programming languages. With version 2.0, Enterprise Toolkit now supports

- C++ application development using NonStop CORBA 2.6.1 software
- Application development using NonStop SQL/MX 2.0 software running on the HP Guardian platform
- NonStop SQL/MX 2.0 application development with embedded module definitions

For further details about version 2.0, see the data sheet.

<http://h71033.www7.hp.com/object/ETKPD.html>

7) HP Atalla Resource Manager Update 5 now available

The HP Atalla Resource Manager (ARM) is an HP Pathway software subsystem for NonStop servers. ARM provides applications with a high-level cryptographic interface to Atalla network security processors (NSPs). For information about the enhancements provided by update 5, view Support Note S04043 at <https://onepoint.nonstop.compaq.com/buildpage.asp>.

8) New release of Scout for NonStop servers

A new release of Scout for NonStop servers is available at the password-protected NonStop eServices portal. This new release contains defect repair, user interface changes, and the first phase of personalization, including the following functions:

- A shared profiling system for Scout and ExpressNotice.

- A “Scout Profile” creation capability. With the Scout Profile activated, RVU search criteria are specific to the details entered in the profile, thereby reducing the amount of data the user receives.
- A “Use My Profile” option, in which users can continue to work in Scout with no profile configured.
- The capability for users to manually enter and edit their profiles.

All other current Scout functionality is maintained. For more information on the new enhancements, refer to the online Help in Scout for NonStop servers.

<https://onepoint.nonstop.compaq.com/buildpage.asp>

9) NonStop XML Parser Version 5.0 now available

NonStop XML Parser is a validating XML parser written in a portable subset of C++. NonStop XML Parser with IEEE support is IEEE-floating-point compatible. NonStop XML Parser makes it easy to enable applications to read and write XML data. The parser is used by NonStop SOAP software to enable Pathway applications for Web services. A library is provided for parsing, generating, manipulating, and validating XML documents. NonStop XML parser is compliant with XML 1.0 recommended and associated standards (DOM 1.0, SAX 1.0, and Namespaces). This release of the NonStop XML Parser, version 5.0, is a port of the Apache Xerces-C++ version 2.4.0 XML Parser on the NonStop operating system. This product has been qualified to run on G06.20 and later RVUs. For further details, see Support Note S04046 at

<https://onepoint.nonstop.compaq.com/buildpage.asp>.

SUCCESS STORIES

10) BEA WebLogic and NonStop platform team for success

WebLogic Server on the NonStop platform combines the industry-leading Java application server with the industry-leading fault-tolerant computing system, providing an excellent distributed application environment for transaction processing and other applications. Customers in a broad range of industries—including banks, travel companies, publishers, airlines, telecommunications service and network equipment providers, stock exchanges, government entities, and cable and ISV companies—are actively evaluating WebLogic on NonStop servers for use in their enterprise operations. Some, including MyTravel and Bank-Verlag, have gone beyond the assessment phase to actual implementation. For a more complete view of this partnership, see the success story at

<http://h71033.www7.hp.com/object/BEANSTMSS.html>.

11) Fastest-growing ATM processor in U.S., Genpass counts on NonStop platform

There’s no doubt that Genpass, Inc., believes in acting quickly and decisively. Less than five years old, the company is the fastest-growing ATM processor in the United States, managing a network of more than 28,000 ATMs in all 50 states and handling 3.5 million cardholder accounts and approximately 360 million transactions per year. According to John Sandridge, vice president of operations at Genpass, the biggest business challenges the company faces today are increased competition, pressure to provide more services for customers, and a constant pressure to keep the system running 24 x 7—with zero downtime. Sandridge

observed, "The track record with the NonStop system can't be beat. It's simply unmatched. We think of it as the backbone behind all we do."

<http://h71033.www7.hp.com/object/GENPASSSS.html>

12) Mission Critical Consultant success story: X.25 to TCP/IP migration

In 2003, a major Asian Stock Exchange decided to migrate its connected brokers and securities traders from an X.25/PVC network to a private TCP/IP network, in preparation for its next-generation trading systems. To replace X25AM, the exchange needed a fault-tolerant process capable of multi-threading many remote client connections (TCP/IP sockets) against the same number of securities trading servers (Pathway servers). Coding began mid-March, with one C programmer and NSE/MT software from MicroTech Consulting. Testing began in earnest in mid-May. Rigorous testing, performance tuning, and preparation for broker migration went on for the rest of the year. The system went live in April 2004. It handles more than 1,700 messages per second, at well below 0.3 second average response time. For more information about MicroTech Consulting and its NSE/MT software product, contact Henry Norman at henry@microtechnonstop.com or visit <http://www.microtechnonstop.com>.

13) Consultant provides services to European telecommunications company

HP contracted for consultant Gary McCormack (a member of the Mission Critical Consultant, or MCC, program) to conduct a Performance Analysis & Tuning (PAT) review and a Capacity Planning (CP) review for a European telecommunications company. Due to performance improvements identified and implemented on the client's NonStop servers during the PA&T review, the client saved the processing power of five CPUs on two nodes for the CP review performed for future capacity and performance requirements. For example, physical read I/O requests on the two nodes were reduced by an average of 75 percent and 19 percent respectively through disk cache tuning, using extended data segments, file partitioning, optimizing file parameters, and so on. McCormack can be contacted at Int'l System Consultants Ltd at +1 (312) 803 0585 or by e-mail at mccormack_gary@attglobal.net.

GENERAL NEWS

14) HP iPAQ Pocket PCs in space

The Expedition 9 astronaut and cosmonaut crew aboard the International Space Station Soyuz 8 spacecraft are using HP iPAQ Pocket PCs to record daily crew procedures, write personal memos, and check e-mail and calendars. In addition, the crew can also listen to music, view photos from home, and read e-books. The devices will remain aboard the space station and will be reconfigured for each new crew. Two additional iPAQ Pocket PCs will be sent to the station on the next flight. Ground support at NASA's Johnson Space Center and Russia's Star City Space Center will use iPAQ Pocket PCs during the training process, and to evaluate new applications for future flight crews to use. "HP is driving mobile computing to new heights with leading-edge technology, enhancing the astronauts' productivity and helping them sustain a personal connection to life back home," says Alex Gruzen, senior vice president and general manager, mobile computing global business unit, Personal Systems Group. "NASA chose to work with HP to deliver a mobile

solution that is robust and versatile enough to meet the challenges and demands of an uncommon environment.”

<http://www.hp.com/hpinfo/newsroom/press/2004/040506c.html>

15) HP shines at ENSA@WORK 2004 event

The eyes of the information technology (IT) world turned to Munich on May 3–6 for HP ENSA@WORK 2004, the company’s biggest enterprise-focused event of the year. At ENSA, HP demonstrated solutions—including HP OpenView management software and the fully virtualized HP Utility Data Center (UDC)—that simplify IT by delivering technology as a service utility. HP designs continuity solutions to protect IT systems against outages and to provide contingency plans to quickly recover and restore the business should outages occur, even at stratospheric volumes. But the real business value comes in the form of cost savings achieved by increasing the use of existing IT assets and cutting IT staffing expenses. For more, go to http://h30046.www3.hp.com/featured_news_article.php?topiccode=20040504_ENSA_2004%20®ioncode=WW&langcode=USENG.

PARTNER NEWS

16) GoldenGate 7.0 for NonStop platform now available

Insession Technologies and GoldenGate are pleased to announce the availability of GoldenGate release 7.0 software for the NonStop platform. Some highlights of the new release include

- A new variable-length GGS header scheme
 - User tokens that can now store environment values in GoldenGate queue files
 - Macros that allow users to write parameters once and use them multiple times
- GoldenGate is a software platform for capturing, transforming, integrating, and delivering data across the enterprise and beyond to customers, partners, vendors, and elsewhere. For more information on the new enhancements to GoldenGate send e-mail to support@goldengate.com or see the announcement at http://www.insession.com/goldengate/release_7-0.asp.

17) Wily Technology adds application management support for NonStop platform

Wily Technology, the leader in enterprise application management, has announced that it has extended its market-leading application management tools to support Java applications running on NonStop servers. Introscope 5.0, a cornerstone of the Wily family of products for monitoring and managing mission-critical applications, will enable HP customers to achieve the highest levels of availability and performance for Java applications running on NonStop servers. “Expectations in the global, always-on economy are that applications are available 24 x 7, not just the traditional business hours. Enterprises must take availability and performance of mission-critical applications seriously or risk losing revenue, customers, or trading partners,” says Kent Smith, senior vice president of field operations at Wily Technology. “Wily’s support for the NonStop platform provides a very strong high-availability solution for customers deploying and managing mission-critical, large-scale applications such as electronic funds networks, securities and commodities exchanges, and wireless and wireline networks.”

<http://www.wilytech.com/news/releases/040518b.html>

18) HP licenses comForte's SSL technology for HP OSM product

comForte has announced that HP is licensing its Secure Sockets Layer (SSL) technology for incorporation into the HP Open System Management (OSM) product for NonStop servers to facilitate encrypted communications. OSM will continue to be supported by HP. comForte has been delivering SSL solutions for NonStop systems for five years. The company continues to expand its product set and now covers encryption for Telnet, FTP, RSC, IBM WebSphere MQ, and other protocols. comForte's SSL encryption suite runs on the NonStop platform, PCs, UNIX[®] system-based servers, and systems that have a Java virtual machine (JVM). For further information, view the SSL technology description at <http://www.comforte.com/ssl>.

19) Browser-based secure NonStop server access for 35,000 users

Rabobank relies on comForte's SecurTN and J6530 products to provide secure NonStop application access for some 35,000 users from 328 bank branches in 1,734 locations. As the company looked for a solution to support the new infrastructure when migrating from X.25 to TCP/IP, it considered security, manageability, and robustness to be paramount. SecurTN and J6530 proved to be the ideal fit for the bank's requirements. SecurTN, a high-volume secure telnet server, can provide SSL access for 1,000 and more concurrent sessions with a single process. J6530, a 6530 terminal emulator Java applet, which is deployed centrally on the corporate intranet Web servers, eliminated the need to install new software on user workstations and provided instant secure SSL sessions with SecurTN. comForte and SummaEST, Benelux distribution partner for comForte's products, supported Rabobank throughout the implementation. "Rabobank was very pleased to work with comForte and SummaEST. The company proved to be very keen on providing the right solution," says André Hoekstra, Rabobank's project leader. Jan Looij, cluster manager, states, "I have never seen a project like this going so smoothly. We were impressed with comForte and SummaEST's competence, support, and flexibility all the way through, from early analysis and proof of concept to the final rollout." Read the full story at <http://www.comforte.com/rabo>.

20) ETI-NET announces expanded availability of BackBox Virtual Tape Controller

BackBox is a comprehensive virtual tape emulator solution implemented using HP ProLiant servers. It provides NonStop system users with extended device support for high-performance open system disk and tape subsystems while presenting a native tape drive personality to the NonStop operating system via SCSI controllers. In response to strong demand for on-site evaluation and demonstration of BackBox, ETI-NET has added trial units to its popular "Seven Dwarfs" program. The "dwarf" features a nondisruptive, customer self-install version of the BackBox, hosted on an HP Pavilion tower. To arrange a trial or for additional details, contact the company at information@etinet.com, or visit the website at <http://www.etinet.com>.

21) Virtual TapeServer offers expanded Fibre Channel connectivity

Tape Laboratories is pleased to announce that Virtual TapeServer now natively supports Fibre Channel host connections. This no-charge feature allows direct

Fiber Channel connection of new Itanium®-based NonStop servers (as well as Fiber Channel-based open systems) to the Virtual TapeServer product. NonStop server users can extend their connections via Fiber Channel at half the cost of current solutions, which equates to a savings of US\$7,900 per host connection. TapeLabs also offers a range of Fibre Channel and iSCSI Bridge products that have additional features compared to other available products. Virtual TapeServer, available from HP, is in heterogeneous production use by multiple referenceable NonStop system users. For more information, contact TapeLabs at +1 (310) 577 1700, or visit the TapeLabs website at <http://www.tapelabs.com>.

22) Secure Command Manager—Lite now available from GreenHouse

GreenHouse is proud to announce a new product: Secure Command Manager—Lite (SECOM-L), a completely new, “lite” version of the GreenHouse command level security product. SECOM-L is basically the same as SECOM, without the accessories, and is intended for those users that need a small subset of the functions provided by the complete, non-lite product. SECOM-L is an elegant way to control all PROGID programs. With SECOM-L:

- You no longer need to have multiple copies of object files, owned by different users, to make one object run with multiple IDs.
- You no longer need to readjust all PROGID settings after a release change.

To learn more about the product, see the documentation or download the fully functional version, which is available in a self-extracting file until the end of June.

<http://www.greenhouse.de/new/secomlp.zip>

USER GROUP NEWS

23) Still time to register for ITUG European Conference in Madrid

There is still time to register for the 2004 ITUG European Conference. This event, to be held June 7–9 at the Auditorium Madrid Hotel in Madrid, Spain, brings together the NonStop community of Europe, the Middle East, and Africa (EMEA). Through educational and networking offerings designed specifically for NonStop users, attendees can build on their technical knowledge and network with NonStop professionals from companies throughout EMEA as well as HP employees. The conference will feature

- Optional pre-conference educational seminars (June 7)
- NonStop Partner Summit (June 6–7)
- Rudi Schmickl, Scott Stallard, Pauline Nist, and Cesare Ubertone as HP executive speakers
- Industry analyst keynote session
- Nearly 50 NonStop system-focused technical sessions presented by users, vendors, and NonStop specialists
- Special minitrack emphasizing telecommunication solutions based on the NonStop Open Call Intelligent Network Server
- Special Interest Group (SIG) sessions
- Free HP Certification Professional program exam overview sessions and testing center (free to registered conference attendees)
- An exhibit hall showcasing NonStop products, solutions, and services as well as exhibits from more than 30 partners and vendors
- Plenty of networking opportunities

Visit the 2004 ITUG European Conference website for additional information and registration forms.

<http://www.itug.org/events/euro/2004/index.cfm>

24) NonStop Partner Summit update: June 6–7 in Madrid

The EMEA NonStop Partner Summit will be held June 6–7, immediately preceding the ITUG European conference and at the same location. HP has announced that Neil Pringle is the new director for the NonStop Enterprise Division in EMEA. Pringle will be attending the NonStop Partner Summit in Madrid and will be giving the opening greeting as the local host of this event during a session on Sunday, June 6. He will also be available at the evening networking party on that day. See the online agenda for details. Don't miss this opportunity to meet the new director and to see his plans for the NonStop Enterprise Division in EMEA. The registration website is live and the latest agenda details are posted. Contact lisa.hansen@hp.com with any questions. If you plan to attend this event and have not yet registered, log on to <https://programs.regweb.com/hp/emea/spain/>.

25) Asia-Pacific and Korean NonStop Users Group Summit scheduled for June

HP and ITUG will sponsor an Asia-Pacific and Korean NonStop User Group (KNUG) meeting June 14–16 at the Intercontinental Hotel in Seoul. The meeting will bring together NonStop system users and prospects from Korea and other Asian countries to learn more about NonStop products, services, and solutions. The meeting will consist of general sessions, an exhibition, and track sessions focused on three areas: NonStop Solutions, Middleware and Application Development, and NonStop Systems and Services. In addition, Jerry Kerr of Standish Group International will speak about IT investment planning on June 15 during the general session. A Partner Summit and an HP Education Day will follow the three-day meeting. Details are posted at the KNUG website. <http://www.itug.org/regions/knug/index.cfm>

26) Register for OZTUG 2004 Conference & Trade Show and save AU\$100

Register by June 16 and save AU\$100 for the 2004 OZTUG Conference and Trade Show, scheduled for July 26–27 in Sydney, Australia, at the Stamford Plaza Double Bay Hotel. This event is designed specifically to meet the needs of NonStop server users through the latest in technical education and peer-to-peer networking. Managed by ITUG, this conference provides attendees with a way to participate in their regional NonStop community while accessing the global knowledge of ITUG and HP. Technical sessions will be presented by local and overseas HP technical professionals, senior executives, business partners, and other users. Tracks include Business Solutions; Technical & Development; and Operations, Systems & Hardware. Featured speakers include

- Rob Lesan, database analyst, America Online, Login Systems
- Chris Rooke, vice president, Marketing and Solutions, NonStop Enterprise Division
- Herbert Zwenger, general manager, NonStop Enterprise Division, Asia-Pacific region

For up-to-date information, visit

<http://www.oztug.org/events/2004/>.

27) Call for speakers at ITUG Summit 2004

The ITUG Summit 2004 occurs October 3–7 at the San Jose Convention Center in California. Customers and partners are encouraged to share positive NonStop system experiences by presenting case studies, migration tips, or other related topics at the ITUG Summit 2004. Speakers receive complimentary ITUG Summit 2004 registration, including access to all conference activities, scheduled meals, and social functions. The Call for Speakers form is available online at <http://www.itug.org/events/summit/2004/presentationform.cfm>.

28) Worldwide Survey of HP Customers is now online

The Worldwide Survey of HP Customers, an independent survey sponsored by HP user groups, is currently online. Participants who respond to the survey will be entered in a drawing to receive a US\$1,000 cash grand prize or other valuable prizes. In addition, all NonStop product users who fill out the NonStop product section will be entered in a drawing to receive an iPAQ Pocket PC. <http://www.hpcustomersurvey.org/>

29) Regional user group updates

The Southeastern Regional NonStop Roadshow visits the following cities this summer:

- July 12–13: Memphis, Tennessee (MSTUG/ATUG)
- July 14: Dallas (N2TUG)
- July 15: Washington, D.C. area (MATUG)
- July 16: Tampa, Florida (SunTUG)

Attendees will have an opportunity to get the latest ITUG and HP updates and to meet with partners to learn about the latest products and solutions. For an agenda, visit the Roadshow site.

http://www.itug.org/regions/se_roadshow.cfm

ATUG: The Atlanta Tandem Users Group

<http://www.itug.org/regions/atug/index.html>

BITUG: The British Isles HP NonStop User Group

<http://www.bitug.com/>

CTUG: The Canadian Tandem Users Group will hold a spring technical session on Systems Management on June 24 in Toronto. The special guest for this important event, conducted in English, will be Pauline Nist, vice president of the NonStop Enterprise Division. A Security SIG meeting will be held on June 25 in Markham. For details, visit the CTUG website at

<http://www.ctug.ca/>.

DUST: The Desert USers of Tandem (meeting in Phoenix, Arizona) has a meeting scheduled for June 8. A presentation by Jim Tate of River Rock Software will focus on TheView, a set of tools that are graphical user interface (GUI) options for several of the widely used NonStop server utilities. For details, visit the DUST website at

<http://www.itug.org/regions/dust.cfm>.

FTUG: French Tandem Users Group

<http://www.ftug.org/>

FINTUG: Finnish Tandem User Group (FINTUG)
<http://h40128.www4.hp.com/services/eventcalendar/>

GTUG: German Tandem Users Group
<http://www.gtug.de/home.htm>

HUG: Houston User Group
<http://itug.org/regions/hug.cfm>

INUG: The Iberian NonStop Users Group is revitalizing and needs help in the reformation. Users in Spain and Portugal are asked to fill out an online survey form. Anyone interested in getting involved can send e-mail to itug-rugs@itug.org.
<http://www.itug.org/regions/inug.cfm>

LATUG: The Latin America Tandem Users Group serves NonStop product customers in Argentina, Bolivia, Brazil, Chile, Colombia, Mexico, Paraguay, Peru, Puerto Rico, Venezuela, and Uruguay. For more information, visit the LATUG website.
<http://itug.org/regions/latug.cfm>

MATUG: The Mid-Atlantic Tandem Users Group will hold its next meeting on July 15 in the Dulles/Reston area. For details, visit the MATUG website.
<http://www.iticsc.com/matug>

MCTUG: The Mid-Continent Tandem Users Group will hold a meeting on June 9 and an HP Education Day on June 10. For details, check the MCTUG website at <http://www.itug.org/regions/mctug.cfm>.

METUG: Middle East Tandem Users Group
<http://itug.org/regions/metug.cfm>

MSTUG: Mid-Southern States NonStop User Group
<http://www.itug.org/regions/mstug.cfm>

N2TUG: North Texas and Oklahoma Tandem Users Group
<http://itug.org/regions/n2tug.cfm>

NCTUG: Northern California Tandem User Group (meeting in Cupertino)
<http://www.zlemail.com/nctug/nctug.htm>

NRTUG: Northeast Region Tandem Users Group
<http://www.itug.org/regions/nrtug.cfm>

OZTUG: The Australian NonStop User Group (meeting in Sydney) will hold its annual conference and trade show July 26–27. For details, visit the OZTUG website at <http://www.oztug.org/>.

PNUTS: Pacific Northwest Users of Tandem Systems
<http://itug.org/regions/pnuts.cfm>

RMTUG: The Rocky Mountains Tandem Users Group will hold its next meeting on June 3, with presentations by Andrew Hall from ETI-NET and John Haverland and Dave Hoots from HP.

<http://itug.org/regions/rmtug.cfm>

SATUG: Southern African Tandem User Group

<http://www.satug.org/>

SCTUG: Southern California Tandem Users Group (meeting in El Segundo)

<http://itug.org/regions/sctug.cfm>

SunTUG: Florida NonStop Users Group

<http://www.suntug.org/>

TUMS: The Tandem Users of the Minneapolis/St. Paul Area will hold an HP Education Day on June 8. The topic will be "OSS Programming Fundamentals." For information on TUMS, visit the website at

<http://www.itug.org/regions/tums.cfm>.

VNUG: Viking NonStop User Group

<http://www.vnug.biz/>

EDUCATION NEWS

30) Bring a buddy to class and save \$100

Training in pairs (or groups) is now easier on the budget. For a limited time, when participants enroll online and bring at least one colleague to class, they can save \$100 each (U.S. or Canadian dollars, depending upon course location) off the registration if at least two of the students attend the same session. This offer applies to NonStop technology curricula and other HP curricula in the United States and Canada only. For complete details, visit <http://www.hp.com/education/promo/buddy.html>.

SERVICE AND SUPPORT NEWS

31) HP mission-critical services for NonStop servers announced

With their multiple levels of fault tolerance, NonStop servers are built to minimize unplanned downtime for business-critical applications. However, technology alone is not enough to deliver the availability that an adaptive enterprise demands. Quality people and effective processes are also essential to success. A recent HP press release includes a section on the new mission-critical services for NonStop servers that extend availability and business continuity. Several HP mission-critical service offerings are being expanded, with global availability expected to start this summer, to reinforce the NonStop server's role as the de facto industry standard for businesses running fault-tolerant applications requiring the ultimate in high availability. These comprehensive service offerings focus on proactive measures to avoid downtime, complementing the technology with people and process expertise. For the entire press release, visit <http://www.hp.com/hpinfo/newsroom/press/2004/040505b.html>.

32) Support note addresses impact of Destination Control Table limit

The limit on the number of entries in the Destination Control Table (DCT) has been approximately doubled as of RVU G06.23. DCT entries record information about each named process or device currently running within the system. The default limit remains at its current value and should have no effect on applications; however, if a customer chooses to raise the limit on a system and creates enough named processes and devices to exceed the old limit, applications may be affected. A support note explains what is changing and why, and describes how to determine whether an application may require changes to continue to function correctly when presented with a DCT index that exceeds the current. For further information, see Support Note S03123A at <https://onepoint.nonstop.compaq.com/buildpage.asp>.

33) Support note discusses improved availability disk configuration

Currently, only one disk configuration can be ordered for NonStop systems. This configuration has mirrored pairs adjacent where the primary is in an odd slot and the mirror is in the next higher number (even) slot in the same enclosure. In RUV G06.06, HP shipped a feature called Enclosure Interleaving, which permitted disk mirroring across enclosures on the same topology branch. (A topology branch consists of a CPU enclosure and its associated I/O enclosures—for example, disk groups 2 and 21–25.) Enclosure Interleaving places mirrored volumes in different enclosures, which may allow an application to survive an enclosure failure or error that causes the incorrect disk drive to be removed or brought down. HP now provides a new orderable disk configuration with improved availability characteristics. For further details, view Support Note S04048 at <https://onepoint.nonstop.compaq.com/buildpage.asp>.

FUN STUFF

34) Ralf Schumacher scores three points for BMW WilliamsF1 team in Spain

Michael Schumacher won the Spanish Grand Prix, ahead of Rubens Barrichello, Jarno Trulli, Fernando Alonso, and Takuma Sato. Sauber's Giancarlo Fisichella (seventh) and Jenson Button scored the last points behind sixth-placed Ralf Schumacher. The BMW WilliamsF1 team suffered its first setback at the start when Juan Pablo Montoya lost two positions and Ralf Schumacher lost three positions. Subsequently, both teammates lost further ground when some other drivers opted for a two-stop strategy. Montoya and Schumacher were in eighth and tenth positions after the first round of pit-stops. Disappointingly, on lap 47 Montoya's race was over when he pitted for a fourth time and had to retire due to a brake problem. To read more about the race, go to the home page and select Race Archive from the Season 2004 menu. Then select GP Spain. <http://www.bmw.williamsf1.com>

35) Juan Pablo Montoya takes five points at Monaco

The 2004 Monaco Grand Prix was a thrilling race, with dramatic accidents, two safety car phases, and only nine drivers making it to the line. BMW WilliamsF1 team driver Juan Pablo Montoya made the best of the situation by coming in fourth and taking five points. Ralf Schumacher had to retire from eighth position with just three more laps to go. The 2004 Monaco Grand Prix was arguably one of the most thrilling races in recent years. Lap 3 brought the first chapter of the Monaco drama.

At the swimming pool, the engine in Takuma Sato's B.A.R. Honda exploded in a huge cloud of smoke, badly affecting visibility for the drivers behind him. McLaren's David Coulthard slowed down to avoid a collision but was himself hit by Giancarlo Fisichella's Sauber, which somersaulted and landed upside-down against the Armco. Fortunately, no one was hurt. To read more about the race, go to the home page and select Race Archive from the Season 2004 menu. Then select GP Monaco.

<http://www.bmw.williamsf1.com>

IMPORTANT PHONE NUMBERS AND LINKS

(Phone numbers are for North America only, unless otherwise noted.)

NonStop Computing News

The very latest NonStop product news.

<http://h71033.www7.hp.com/page/NonStopNews.html>

Global Customer Support Center: 1 (800) 255 5010 (U.S. only)

Technical hardware and software defect support and usage assistance.

<http://h71014.www7.hp.com/GCSC.html>

NonStop Presales Group: 1 (800) 282 6672

Product information, price quotations, order processing information.

<http://h71033.www7.hp.com/page/CRC.html>

NonStop eServices portal

A convenient, password-protected portal with access to a wide variety of services.

<https://onepoint.nonstop.compaq.com/buildpage.asp>

Partnerships and solutions

Information on strategic partnerships, partner products, services, and solutions.

<http://h71033.www7.hp.com/page/Partners.html>

NonStop technology education: 1 (800) 472 5277

Education schedules, information, prices, and class enrollments.

<http://h71033.www7.hp.com/page/Education.html>

NonStop Technical Library

A wide range of NonStop product publications, including technical manuals, articles, and support information.

<http://h30163.www3.hp.com/Default.asp>

NonStop Direct online store: 1 (800) 482 6336

Convenient product ordering by phone or the Web.

<http://direct.nonstop.compaq.com/>

Business continuity and disaster recovery solutions

Basic information about business continuity, NonStop server products and services for business continuity and disaster recovery, and customer successes.

<http://www.hp.com/go/nonstopcontinuity>

Software developers' information

Information for developers of NonStop system applications.

<http://h71033.www7.hp.com/page/ADE.html>

Interactive Upgrade Guide

An interactive tool to help plan system release migrations.

<http://h71033.www7.hp.com/TechPubs/IUG/default.htm>

Internet-enabled applications

Preserving your investment in NonStop system business applications and databases while applying the latest Internet technologies.

<http://h71033.www7.hp.com/page/IntEnab.html>

Product information for NonStop servers

<http://h71033.www7.hp.com/page/NonStopServers.html>

ITUG, a user group for the NonStop server community: +1 (312) 321 6851

<http://itug.org>

Customer support

<http://h71033.www7.hp.com/page/CustomerSupport.html>

A One-Stop Site for Service Providers

<http://h18000.www1.hp.com/enterprise/sp/>

Privacy statement

<http://welcome.hp.com/country/us/en/privacy.html>.

For more information, go to www.hp.com/go/nonstop.

© Copyright 2004 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Itanium is a trademark or registered trademark of Intel Corporation or its subsidiaries in the United States and other countries. Microsoft and Windows are U.S. registered trademarks of Microsoft Corporation. Java is a U.S. trademark of Sun Microsystems, Inc. UNIX is a registered trademark of The Open Group.