Tandemworld eNewsletter for May 2012

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TRIBUTARY SYSTEMS is proud to announce NATIVE ATTACHMENT of the HP StoreOnce D2D Enterprise De-duplication & VTL solution to HP NonStop™

The StoreOnce D2D solution is a new state-of the-art enterprise backup, de-duplication and replication solution which features:

- HP advanced in-line de-duplication and replication for all HP open platforms

- <u>TRIBUTARY enables native attachment to HP NonStop/Tandem</u>

- TRIBUTARY also enables attachment to IBM® AS/400™, Power Systems™ (i/OS, AIX, Linux®), PureSystems™ (Windows®, i/OS, AIX, Linux) and IBM Mainframe (z/OS™, Linux) in your datacenter

- Fiber channel Virtual Tape Library (VTL) and Network Attached Storage (NAS)

From 2TB to 768TB capacity

The HP StorageWorks D2D Backup Systems with HP StoreOnce de-duplication provide multi-platform disk-based data protection for data centers and remote offices. Automate and consolidate the backup of multiple servers onto a single, rack-mountable device while improving reliability by reducing errors caused by media handling. All HP D2D Backup Systems feature HP StoreOnce de-duplication software for efficient, longer term data retention on disk and enabling network efficient replication for a cost-effective way of transmitting data off-site for disaster recovery purposes. The D2D Backup Systems integrate seamlessly into the current IT environment and offer the flexibility of both virtual tape library and NAS targets.

Business value: Provide flexible disk-based backup with StoreOnce de-duplication enabling network-efficient data replication for scalable, cost-effective data protection of distributed environments. Through inline de-duplication, HP StoreOnce reduces the amount of necessary disk storage in your environment to the smallest footprint, thereby lowering cost by reducing the disk capacity as well as the power and floor space requirements needed to efficiently backup and protect your mission-critical data.

StoreOnce offers Federated De-duplication which provides deployment independence for de-duplication. HP is able to provide deployment independence because its research arm, HP Labs, developed a de-duplication engine that can be deployed across a storage infrastructure -- from virtual machines to enterprise data centers. The use of a common de-duplication engine enables the native communication and movement of data across the various systems without rehydrating the data. This increases the efficiency of the de-duplication process and permits data to be moved from location to location over low-bandwidth, affordable links. HP has used Federated De-duplication in its StoreOnce family since 2010. The recently released HP B6200 StoreOnce Backup System brings this approach to large data centers. HP has also moved Federated De-duplication into a software solution – namely its backup application, HP Data Protector. So, HP's vision of using a single, consistent technology throughout the organization for de-duplication is rapidly being realized.

The HP D2D StoreOnce Backup family for enterprise data centers delivers a storage capacity from 2TB to 768TB. They automate the daily backup of multiple servers through the flexibility of virtual tape library and NAS (CIFS & NFS) interfaces.

	D2D25xx Remote office backup & replication source	D2D41xx SME backup or as remote office replication source	D2D43xx Mid to large data center backup target	B62xx Scale-out capacity & performance
Raw capacity	2TB & 4TB	Upgrade from 6TB to 12TB & 12TB to 24TB	Scale from 12TB to 48TB & 24TB to 96TB	Scale from 48TB to 768TB
Usable capacity	1.5TB & 3TB	Upgrade from 4.5TB to 9TB & 9TB to 18TB	Scale from 9TB to 36TB & 18TB to 72TB	Scale from 32TB to 512TB
Maximum Performance/hr	Up to 800GB	Up to 1.3TB	Up to 4TB	Up to 24TB
Maximum Fan in	8 sources	24 sources	50 sources	384 sources

Tributary Systems, Inc. is a bronze sponsor at the 2012 HP DISCOVER Show in Las Vegas from June 4-7. Please visit us in Booth 422 at the show and learn about our comprehensive portfolio of unified multi-platform backup storage, recovery, de-duplication, remote backup and DR solutions.

www.tributary.com

ARE YOU CONSIDERING MIGRATION ?

BrightStrand International consultants have extensive experience in HP NonStop migrations, be it S-Series to NonStop Integrity, S-Series to NonStop Blade systems or NonStop Integrity to NonStop Blade systems. Migrations performed recently have been to NonStop Blade systems. BrightStrand have a proven track record of delivering migrations to blue chip business critical customers on time and under budget offering a low risk solution to the customer. In the last 3 years alone, BrightStrand has helped customers to migrate over 30 systems, including 5 major migrations where, as a NonStop Reseller, BrightStrand also specified and sold the systems.

Here is an example of what customers have to say about BrightStrand :

"This is an excellent example of how to manage a project and my thanks go out to all those involved. The cooperation and flexibility from all, but in particular the BrightStrand team, helped make this project successful against all measures and with minimal disruption to the business."

BrightStrand Does It

The BrightStrand Migration Service starts with a scoping exercise during which your current systems are analysed to define the amount of work necessary to migrate systems and applications, together with a sizing to ensure that an appropriate target system is purchased. This typically results in the generation of a 4-phase migration strategy.

1)   The first phase is to prepare the applications and operational software for migration, and this usually overlaps with phase 2.
2)   The second phase consists of the installation and configuration of the target hardware, system software, and communications lines.
3)   In the third phase, the applications are migrated and tested, and once fully tested the live environment is cutover to the new system.
4)   Phase 4 consists of support of the new systems and system balancing after the cutover to final acceptance.

BrightStrand can perform the whole migration or work with your staff on any element of the planned migration.

You Do It

Many customers see value in their own staff performing the migration to familiarise themselves with the new systems. These staff will usually have existing commitments to the smooth running of the current live systems. In these situations BrightStrand can supply experienced consultants that can take up the day-to-day running of the live systems and free up the customer staff to perform the migration, often with assistance from BrightStrand.

No matter how you plan to migrate to new NonStop systems BrightStrand can offer a low risk solution, delivered on time and within budget. Call Dave Stewart today on +44 (0)7831 775115 or email him on dstewart@brightstrand.com for more information.

What steps do you need to take to be PCI compliant?

The most difficult step in obtaining PCI compliance is actually knowing where to start and how to proceed. Knightcraft Technology are the experts on PCI Compliance for the HP NonStop platform and as such, we are pleased to offer our *PCI DSS Readiness Assessment* service. This service involves an analysis of the key areas of a customer's NonStop environment required for PCI DSS compliance, such as location and protection of PAN data, documentation, required security configuration and procedures. At the completion of the service, the customer receives a report that details the findings and provides recommendations on steps that need to be taken to achieve compliance. This service will provide you with clear direction towards PCI compliance and will ultimately save your organization both time and money.

With more than 25 years experience in the NonStop world, a working partnership with QSA Witham Laboratories, and more than 12 years working with XYGATE software, Knightcraft is the expert on all things PCI DSS and security related for the NonStop platform.

See the Knightcraft website at http://www.knightcraft.com/hp-nonstop-pci-compliance-security-services for more details of our service offerings, or email us at info@knightcraft.com to see how we can help you achieve your security and compliance goals for the NonStop platform.

And download the definitive technical whitepaper on *PCI DSS Compliance for HP NonStop Servers* for free from http://www.knightcraft.com.

Mandiri Bank Benchmarks HP Nonstop Blade Performance with Paragon FASTress™

Bank Mandiri, the largest bank in Indonesia, has expanded their ATM network and is experiencing strong ePayment transaction growth. To optimize their system capacity, Bank Mandiri contracted with PT Abhimata Persada to conduct benchmark and performance testing of their HP Nonstop Blade NB50000c using Paragon's load and stress testing software, FASTress, at the HP Advance Technology Center in Cupertino, California. The objective of the stress test was to determine the number of HP Nonstop Blade CPUs that Bank Mandiri would need based on their anticipated growth over the next five years.

One challenge that Bank Mandiri faced was how to replicate their ATM network and Silverlake host to conduct stress testing at the HP lab in California, half a world away from Indonesia. Paragon met this challenge with FASTress which simulated the Bank Mandiri ATM network and Silverlake host at the HP lab. Testing included normal production conditions, negative testing, and peak performance testing.

During the stress test engagement, FASTress showed run-time statistics such as the current transactions per second (TPS) rate, average response time, total transaction requests sent, time-outs, and denials. Testers were able to increase and decrease ATM TPS in real-time to effectively test the HP non-Stop Blade NB50000c and simulate actual production scenarios where ATM TPS varies. FASTress also allowed Bank Mandiri to spread resources evenly over different CPUs to find ways to optimize performance.

Paragon's Bob Collins, VP of Technology and Services, provided expertise to establish the test environment in the HP lab and conduct the benchmark testing. Paragon also provided a comprehensive report of testing results enabling Bank Mandiri to quantitatively determine the number of CPUs needed to support their ATM growth. Based on the results of the FASTress testing engagement, Bank Mandiri confirmed that their HP Nonstop Blade will support their current and projected volume for the next few years.

 "Paragon provided the solutions we needed and the right skill sets to help make the Bank Mandiri stress testing engagement a success," says Mr. Darwin Sariaatmadja, the President Director of PT Abhimata Persada. "We look forward to working with Paragon on joint projects in the future."

 "The combination of Paragon's FASTress simulator and their expertise helped our team to complete the stress test engagement on time based on our defined scheduled time and gave us the information we needed to determine our future CPU needs," says Mr. Afiful Fu'ad Haryono , Vice President IT Operation Group of Bank Mandiri.

About PT Abhimata Persada
Since 1990 PT Abhimata Persada has provided IT services to Indonesia's banking sector and now has over 70 full-time associates providing systems solutions, consulting and implementation services to the banking and telecommunications industries. Dedicated to quality, Abhimata Persada is committed to developing long-term partnerships with clients and strives to be the preferred IT Solution providers in the financial industry. Visit Paragon Application Systems at www.ptap.co.id

About Bank Mandiri
Bank Mandiri is the largest bank in Indonesia and as per 4th quarter of 2011, Bank Mandiri has 1,537 branches across Indonesia and 7 overseas branches/representatives offices/subsidiaries. In addition, Bank Mandiri has a network of 92,903 Electronic Data Capture units, 8,996 ATMs, issued 8.96 million debit cards and 2.36 million credit cards, as well as various and comprehensive electronic channels which include Mandiri Mobile, Internet Banking, SMS Banking and Call Center 14000 with a total of 871 million of transactions processed across the electronic channels in 2011. Bank Mandiri is well supported by its six subsidiaries operating in shariah banking, capital market, consumer finance, life insurance, general insurance, as well as a niche bank focusing in the micro lending segment. Visit Bank Mandiri at www.bankmandiri.co.id

About Paragon Application Systems
Paragon Application Systems is a leading global provider of ePayment simulation, configuration and testing software solutions to the financial industry. More than 590 financial institutions in over 85 countries use Paragon tools to improve quality and reduce time-to-market. Paragon's broad customer base includes major interchanges, processors, leading software providers, banks and credit unions. Visit Paragon Application Systems at www.paragonedge.com or email info@paragonedge.com.

Visit Gravic at Kiosk #507 at HP Discover and Attend our NonStop Vendor Community Party

 We look forward to seeing many of you at HP Discover in Las Vegas, June 4-7. Please visit us at Kiosk #507 in the NonStop Solutions Pavilion. We are co-hosting the NonStop Community Reception on Wednesday night from 6-8pm at the Grand Lux Café at the Palazzo Hotel as a special get-together of NonStop customers and HP-NED. Please stop by our kiosk for more information on obtaining the wristband needed for admission to the reception.

Gravic Presents at NENUG, OTUG, and FINTUG

Two of our recent speaking events were in the Eastern US – NENUG (Andover, Mass.) and OTUG (Columbus, Ohio) – and one was in Scandinavia – FINTUG (Finland). This was the first year that we attended FINTUG, and enjoyed the excellent food and wonderful people. All of the shows were energetic, with their own, unique, perspective on the state of NonStop in their communities. We were impressed by the enthusiasm and effort of the attendees (especially of the RUG officers and HP liaison personnel), and also with all the new features and functions coming out on the NonStop platform, as well as how well our Shadowbase product suite was received. Through presenting case studies and sharing ideas, we introduced a number of key new features and products in our

Shadowbase line that will assist our customers to better manage, operate, and validate their replication architectures. We extend congratulations to the winners of our Kindle raffles and other prizes: Jon Healey of SunGard (NENUG), Ron Nance of BigLots (OTUG), and Timo Tuominen of Valmet Automotive (FINTUG).

Contact Gravic today to discuss your data replication and data integration needs.

You may also call at +1 610-647-6250, or send an email to SBProductManagement@gravic.com.

Please Visit Gravic at these Upcoming Shows

HP Discover, Las Vegas, 4-7 June

InNUG, Goa, September

GTUG, Dresden, 25-27 September

Connect NonStop Advanced Technical Boot Camp, San Jose, 14-16 October

For more information, please visit: www.gravic.com/shadowbase.

http://www.linkedin.com/company/gravic-inc./shadowbase-data-replication-305119/product

Trademarks mentioned are the property of their respect

Looking Ahead

The summer's coming, and it won't be too long before the Fourth of July, Thanksgiving and Christmas return to stress our systems. It's not too soon to begin planning for the upcoming peak season.

Hopefully you have the numbers: How hard the CPUs, disks, processes, etc. were working during the last Fourth of July, Thanksgiving and Christmas. How many TPS were being processed. How quickly were the external (to the NonStop) services and external partners responding to requests. How uniform and predictable was their service.

By this time you should also have: Year to date growth rate of the demand. Changes in the patterns of the demand. And an understanding of how the business will be changing between now and the end of the year.

Put it all together, or ask us to do it, and you'll have another good, profitable, and quiet holiday.

Ban Bottlenecks®:

Dedicated NonStop performance /capacity experts.

1440x730 coverage (every minute, every day, with a 2-year historical perspective).

Implementing effective, disciplined, proactive capacity management programs.

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Third Data Corporation

High Performance Switching and Secure Data Storage

(USA) 888-301-2431

Third Data Corporation provides numerous products which can reside on HP Nonstop and other HP hardware platforms.

SecureStore – If you are trying to become compliant (PCI, HIPAA, etc) then you know that you can not leave sensitive data readily viewable. SecureStore does three things for you. The data is encrypted so that you can become compliant. The data is compressed so that your hardware costs are reduced. As part of disaster recovery your data is sent to three (or more) locations so it will be available when you need it. As a bonus for those having trouble with Guardian 4K limits there is no record size.

FastBuild Switch – When building a switch be it ATM-POS, Wire Transfer, EFT, Medical, or any other type of data that needs to get from one place to another, you are usually faced with three choices. Take an existing package and modify your system to match it. Get the vendor to "enhance" their system to meet your needs. Write a new system from scratch. The FastBuild Switch integrates with your existing system, or if you are building from scratch gives you a good start. The switch is also built around the latest HP technology to maximize performance. It integrates several of our other products to maximize cost savings and security. In a cross platform environment it also runs on other non-Guardian HP supplied platforms.

NxFile+ – Provides compression and encryption to Enscribe structured files. The files are configured through a GUI interface and the results are provided seamlessly to your applications, typically without any code changes. In addition this provides for dynamic key changes on the fly so data stored at-rest may have it's encryption keys changed as required. Because the records can be compressed prior to encryption, it's also possible to have records which significantly exceed the 4k record size limitations. The savings in disk I/O typically pay for the overhead of the compression and encryption.

NxLib – NxLib provides a platform and utility libraries for developing a high performance multi-threaded applications on NonStop Guardian. The platform provides threading capability. This enables development of an application written single threaded style to perform as multi-threaded. Extensible command processing and help are supported. Development time can be cut to a fraction of the time it would normally take. This results in fast application development with consistent look and feel across multiple projects. Includes logging, command processing, help file, compression, encryption, automatic multi-threading, NonStop, and web enabled.

NxNTP – Keeps your system clocks in synchronization. Clocks which are out of sync by even fractions of a second can impact replication in an active-active environment as well as be confusing when trying to track transactions which span multiple systems. Having the correct time is increasingly more important.

NxSSL – Is an SSL proxy which may be used to provide SSL encryption and authentication services to TCP/IP connections. It provides full support for certificates and multiple encryption standards. It has been carefully tuned to provide the highest performance available for any NonStop SSL connection.

NxVTape – Provides a high performance file backup facility using standard NonStop backup and restore. The data is compressed, encrypted, and store on a Windows or UNIX based platform. Tape drives are created dynamically as needed and any number of drives may be used simultaneously. Communication is over TCP/IP eliminating the need for special hardware and allows archival across corporate WANs.

NxWeb – A high performance web server which provides support for NxLib applications. It also can be used without NxLib. It provides for secure connections, virtual domains, full http support and interfaces to pathway and IPC communications. Includes the new web based SYSBUSY.

NxRecover – Files accidentally deleted can be a real problem. Even when a backup is available, it is frequently a significant effort to retrieve it from a backup tape. NxRecover implements a recycle bin function on the the HP NonStop system. Files deleted may be easily recovered using its GUI interface.

Come See us at Discover 2012.   Booth 349.

www.thirddata.com

sales@thirddata.com

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uLinga for Enterprise Extender (EE) gets traction in the market

uLinga for EE is the latest addition to the uLinga family of products and has gained some early successes in Canada, the UK, and Germany.

Organizations wanting to migrate away from SNA to native TCP/IP whilst retaining the SNA API's now find a viable and cost-effective alternative to existing solutions in uLinga for EE.

Significant cost savings in license cost combined with stellar project and product support from comForte and its development partner Infrasoft make all of the uLinga products a compelling proposition.

Learn more about the uLinga at www.comforte.com/uLinga

Come and see us at these upcoming events in 2012

BITUG Little SIG, London, UK, May 24, 2012

HP Discover, Las Vegas, June 4-7 2012

PCI Community Event, Orlando, Florida, Sept 12-14, 2012

International GTUG/CONNECT, Dresden, Germany, Sept 26-27, 2012

NonStop Technical Boot Camp, San Jose, USA, Oct 14-17, 2012

PCI Community Event, Dublin, Ireland, Oct 22-24, 2012

EBUG Technical Focus Group, London, UK, Oct 22-23, 2012

BITUG BIG SIG, London, UK, December 5-6 , 2012

Stay connected:

Linked in

Join XYPRO for Our Next Two Webinars Covering: Database Management and Security & Compliance Professional Services

Database Management May 24, 2012 - 8:00 AM Pacific

Register Now

Database Management Solutions for the HP NonStop. XYPRO offers Merlon Software Corporation's database management software solutions on a global scale. Merlon's products provide companies who rely on NonStop servers for storing and processing vast amounts of data with the means to efficiently administer even the most complex database environments. Join Ken Waterson (Merlon Software) and Kevin Boham (XYPRO) for a comprehensive overview of Merlon-The Total NonStop Database Solution. Register Now.

Security & Compliance Professional Services - May 31, 2012 - 8:00 AM Pacific

Register Now

Security & Compliance Professional Services Webinar: The mission of XYPRO's Professional Services group is to not only service what we sell, but to make the process as painless, efficient and robust as possible. From project management for our products and services to training and support, our aim is to ensure your operational readiness and security. Partnering with XYPRO Professional Services guarantees the products are effective, efficient and fully implemented. This webinar will explain the benefits of leverageing the XYPRO PRO Services in detail, with additional emphasis on XYPRO's PCI XPress Service, a comprehensive offering covering all aspects of PCI compliance as it relates to your NonStop server. Register Now.

Barry Forbes

VP of Sales & Marketing

XYPRO Technology Corporation

www.xypro.com

comForte is Bronze Sponsor of HP Discover2012 in Las Vegas

HP Discover is less than 2 weeks away and comForte is in the final stage of preparing for the event. If you happen to go to Discover, stop by and have a chat with us about your requirements and how we can help you.

Lots has been going on at comForte since the last Discover and product highlights this year include:

*   SecurData - for the protection of data-at-rest (tokenization/audit logging/encryption/access control)

*   J6530Touch - 6530 access on the go (try the demo http://www.comforte.com/j6530-demo/

*   PANfinder - PAN data discovery

*   uLinga - your smart move from SNA to TCP/IP

You can find us in the NonStop Pavilion area (Booth #423).

See you in Vegas.

NSWi

Are you a European NonStop User?

Do you require a Full Time / Part Time Resource boost to Cover New Projects, Maternity / Paternity leave etc.?

Do you have NonStop Customers based in EMEA that require Local Support of Hardware and Software?

Nonstop World International (NSWi) can help.

We are currently providing Local Support to Vendors outside of the EMEA region for their NonStop Customers based in EMEA.

Contact us to see how we can assist you with highly skilled NonStop professionals, whether Long Term or Part Time on a 24*7 basis.

EMAIL

Launching Shortly

www.nonstopworldinternational.com

XYPRO in Your Neck of the Woods

We're traveling the globe, spreading the word about all the exciting product plans and features we have in store.

Come visit XYPRO at:

BITUG

London, UK

May 24, 2012

http://www.bitug.com/viewpage.php?page_id=34

HP Discover

Las Vegas

June 4, 2012

www.hpdiscover.com

ACI Americas Customer Exchange

Miami Beach, Florida

June 5-8, 2012

http://www.aciworldwide.com/en/Support/User-groups.aspx

ACI EMEA Customer Exchange

Monaco

June 12-15, 2012 –

http://www.aciworldwide.com/en/Support/User-groups.aspx

PCI Security Standards Council Asia Pacific Event

Hilton Hotel Singapore, 581 Orchard Road, Singapore

June 14, 2012

More Info

HP Protect 2012 – HP Enterprise Security

Gaylord Opryland Hotel in Nashville, TN

September 9-12, 2012

http://www.hpenterprisesecurity.com/protect2012

**PCI Security Standards Council
North American Community Meeting**

Orlando, FL

September 13, 2012

https://www.pcisecuritystandards.org/communitymeeting/2012/

GTUG

Dresden, Germany

September 25-27, 2012

http://www.gtug.de/

EBUG Technical Focus Group

London, United Kingdom

October 22-23, 2012 –

http://www.ebug.net/

**PCI Security Standards Council
European Community Meeting**

Dublin,Ireland

October 23-24, 2012

https://www.pcisecuritystandards.org/communitymeeting/2012/
ACI Asia Pacific Customer Exchange

Bangkok, Thailand

November 6-8, 2012

http://www.aciworldwide.com/en/Support/User-groups.aspx

WANT TO MINIMIZE DEVELOPMENT RISKS? ADOPT THE RIGHT METHODOLOGY!

Software development has come a long way from the days of "code and fix"
but has your organization kept pace?   Are you ready to use modern software development techniques like
Model-Driven Architecture (MDA) to reduce your risk of software development failure,
and increase the quality and timeliness of your output?

Read this latest blog by Stuart Selip of Principal Consulting, a business
partner of TIC Software.

http://blog.ticsoftware.com/blog-0/bid/104301/Stuart-Selip-s-Closer-Look-at-Minimizing-Development-Risks

This is part of a blog and whitepaper series for the NonStop user community,
focused on software development risk avoidance and quality improvement.

Stuart Selip has previously worked as the VP of Application Platform
Strategies Research service at Burton Group, an IT Research and Advisory
firm now owned by Gartner Research.

He has also served as Technology Officer and Chief Architect of IT
Consulting International (ITCI), a US-Russian software
development-outsourcing firm later acquired by Luxoft.

Albireo, CommitWork and GreenHouse are proud to announce their co-operation

which is named:

NonStopBrainPool

The three companies stay autarkic, but share resources and ideas, and enhance helping and supporting each other, which puts our long time cooperation onto a solid basis.

Our 8 experts have more than 200 years of NonStop back ground in the areas of:

1. Application development
2. Data base design
3. Modernization
4. Tuning
5. System management tools
6. Security products
7. Security Reviews
8. Code specialties
9. System Tuning

We can be reached at: Info@NonStopBrainPool.com

NEED TO RAPIDLY MODERNIZE YOUR NONSTOP SYSTEM?

* Broaden connectivity to more business

* Avoid disruptions

* Harden security

For inside tips, view the new Webinar video:

"How To Modernize NonStop Applications in 30 Minutes"

http://www.nuwave-tech.com/modernize-hp-nonstop-systems/

Topics Include:

* Overview of modernization

* Selecting the right tools

* Success stories

Many organizations are faced with evaluating when and how to most effectively modernize their HP NonStop hardware and applications. Kathlika Fontes delivers an overview of software tools that connect your NonStop to any business running on any platform. Her presentation is backed with case studies that show how companies have risen to the complex challenges to modernize their IT systems without disruption and with a high return on investment (ROI).

NuWave's Dave Belliveau answers modernization questions from participants and also delivers a software demonstration.

To view the new video, visit:

http://www.nuwave-tech.com/modernize-hp-nonstop-systems/

ETI-NET at Hp Discover

ETI-NET will be on the floor at HP Discover in Vegas June 5 to 8. Stop by our Kiosk # 501 and say Hi.

Resupply with the ever-popular BackBox pen, or get this year's deck of ETINET logo playing cards.

Our past year has included several major feature enhancements to BackBox and BackPak.

Learn about new ETI connection options for HP StoreOnce, Quantum, FalconStor, and of course EMC Data Domain.

See you there..

www.etinet.com

Availability Digest Asks, "Will You Have Internet Access After July 9, 2012?"

Are you one of the 300,000 individuals worldwide who may lose your access to the Internet after July 9th? During a two-year investigation, international law enforcement agencies uncovered a network of rogue DNS servers that were being used in an advertising scam. The hackers infected millions of PCs with DNSChanger malware and directed the PCs to fraudulent web sites. Rather than disabling the rogue servers immediately, which would have left millions of PCs without Internet access, the agencies set up temporary, legitimate DNS servers to give users and their Internet Service Providers the time to take corrective action. The temporary fix has a deadline – July 9, 2012. On that date, PCs that still have faulty IP addresses will lose their access to the Internet. Learn more about the July 9th deadline in the Availability Digest.

Also in this month's Digest:

Beyond Redundancy: How Geographic Redundancy Can Improve Service Availability and Reliability of Computer-Based Systems provides an in-depth analysis of the various approaches to IT systems in order to improve service availability. The book focuses on the theoretical and practical aspects of georedundancy and its benefits.

It's Official! Leap Day Caused the Windows Azure Outage – since our March, 2012 article, "Windows Azure Cloud Succumbs to Leap Year," Microsoft has released a detailed timeline of exactly what went wrong during this major outage and of the sometimes frantic efforts to restore service to customers.

Critical Date Testing – Leap Day and More – Microsoft wasn't the only company that succumbed to a Leap Year outage. "Critical Date Testing" explores other February 29th fiascos and examines clock simulation and time-zone simulation products like SoftBase's SoftDate for IBM z/OS-based architectures and TANDsoft's OPTA2000 for HP NonStop servers.

"Help! My Data Center is Down" is Bill Highleyman's presentation at this year's HP Discover. We invite you to attend at 11:15 am on Tuesday, June 5th. The session ID is TB2318.

The Availability Digest offers one-day and multi-day seminars on _High Availability: Concepts and Practices_. Seminars are given both onsite and online and are tailored to an organization's specific needs. We also offer technical and marketing writing services and are adept at a wide variety of content creation.

Published monthly, the Digest is free and lives at www.availabilitydigest.com. Please visit our _Continuous Availability Forum_ on LinkedIn. We're at 437 members and counting. Our most recent thread is "_Will 'Good Enough' Trump 'Great?'_"

Get Your Free Case Study

Greyhound Improves Business With Access To NonStop Data

Register Now at http://bit.ly/LcwhcN

Greyhound needs better access to NonStop data to support its customer reservation system.

Faced with cost constraints, the IT team sought relief over concerns about performance and expenses.

Learn more here!

Get our new business case study titled, Better Access to Data Improves Greyhound Lines' Reservation System.

You'll learn how Greyhound's IT team significantly improves access to data stored on the NonStop to support

mission critical applications.

Read the full story to learn how to:

·   Eliminate costly barriers to NonStop data access

·   Enable better access to data stored in Enscribe and SQL / MP databases

·   Implement more efficient data access without impacting core servers

·   And a lot more!

Plus, learn how Attunity Connect and Attunity Replicate software enables real-time access to this mission critical information.

Register Now at http://bit.ly/LcwhcN

About Attunity

Attunity is a leading software provider enabling organizations to access data when and where it is needed.

Attunity's software solutions include data replication, real-time change data capture (CDC), and real-time data connectivity, as well as enterprise file replication and managed-file-transfer (MFT) offered through our RepliWeb division. Learn more at www.attunity.com, email info@attunity.com or call 1-781-730-4070 or +44 1344 742805.

TANDsoft Participates in Dan Porter Call on May 29th

 HP calls them internal webcasts. We know them as Dan Porter calls. It's TANDsoft's turn on Tuesday, May 29th, at 9 am PDT (GMT-7), and HP staff are invited to participate. The presentation will focus on how a large HP customer, in conjunction with HPES, will use the OPTA2000 virtual clock and time zone simulator to consolidate two of the customer's data centers, currently located thousands of miles and several time zones apart. OPTA2000 will provide virtual operating environments for those applications in need of timestamps that are different than that of the consolidated system's clock. The presentation also will introduce other OPTA2000 case studies. Contact Dan Porter at porter@hp.com for webcast logistics.

OPTA2000 uses intercept technology to allow multiple applications operating in a consolidated environment to each have its own virtual system clock or to function in its own virtual time zone with date/time specifications that are different than that of the system clock. For time-zone simulation, the libraries create virtual times that are offset from a system's actual time by an amount expressed as a deviation from GMT time (Greenwich Mean Time). For clock simulation, the virtual times can be offset to whatever time is required for the testing, maintenance, etc., of an application. A single system can host thousands of applications. OPTA2000 is valued by HP NonStop customers worldwide for its use in many situations where time-sensitivity becomes an issue in application environments.

TANDsoft's "best of breed, best in price" philosophy offers highly competitive value for all TANDsoft solutions. In addition to OPTA2000, they include: FileSync for automatic file synchronization and replication; Command Stream Replicator, which automatically replicates FUP, SQL/MP and SQL/MX DDL structure and other environment changes to target systems – changes and settings that normally are not replicated because they sit outside the TMF Audit Trail; and the Enscribe-2-SQL and TMF-Audit Toolkits, which reduce the pressures of modernization by offering flexible, affordable alternatives to more expensive conversion products or manual conversion techniques. The Enscribe-2-SQL Toolkit supports both SQL/MP and SQL/MX and permits file-by-file incremental migration. The TMF-Audit Toolkit easily converts non-audited TMF files to audited TMF files. Its embedded Toolkit Trace captures and analyzes Enscribe activity to construct TMF transaction boundaries for custom applications.

TANDsoft products require no application source-code modifications and are available for all HP NonStop servers. Free trials are available.

TANDsoft is a proud sponsor of the NonStop community reception, to be held at HP Discover on Wednesday, June 6th, from 6pm – 8pm in the Grand Lux Café at the Palazzo. For more information about TANDsoft's product suite or to meet up with Jack Di Giacomo in Las Vegas, call +1 (514) 695-2234. The company is headquartered in Beaconsfield, Quebec, Canada. Our Enscribe to SQL Migration Forum on LinkedIn is at 118 members and counting. Visit the Forum for an up-to-date list of HP Discover's Enscribe/SQL presentations. www.tandsoft.com.

Musings on NonStop!

May, '12

The opinions expressed here are solely those of the now self-employed author

If it is already May, and late in the month as well, then for many within the NonStop community, our thoughts are becoming more focused on Las Vegas and the upcoming HP Discover. While I am not quite onboard yet with this style of event, I continue to give it my support as it remains the premier venue to hear, first-hand, all that's in stall for NonStop.

Roadmap presentations. One-on-one meetings with HP executives. Networking with our peers. Social gatherings for the NonStop community. It certainly has all the trimmings that I associate with user events of the past and yet, it's still its size that I find intimidating. But you really can't miss it if you want to stay on top of all that's happening and with a new leader of NonStop, Ric Lewis, there is sure to be some surprises hidden away within the agenda.

In my musing of last month I commented on how mission-critical applications had been at the heart of much of what I had been involved with during April. And then I observed how data, particularly the increased demands to move data across the networks of heterogeneous systems that make up today's data center, had been referenced in many of the posts I wrote in May. Not just in posts, but in commentaries and opinion papers that led up to the webinar I participated in as a guest of Attunity a few weeks back.

If you missed it and are interested, then follow this link to the Attunity web site for the webinar replay –

ftp://ftp.attunity.com/mailftp/2012-05-03_13.02_Webinar__Improving_HP_NonStop_Data_Movement,_On-premises_and_in_the_Cloud.wmv

Moving data, however, is one thing. Moving business logic, between servers, quite another undertaking altogether. But moving to a new application? That's an undertaking that few of us have ever witnessed. The costs! The risks! The exposures! When it comes to payment platforms, with countless thousands of ATM's – let alone a POS network as well – then that's a pursuit elevated to a whole different level. And when it involves a tier-one, top 10, American bank, the prospect of success generates levels of interest unmatched from any other conversion.

After all, this is the very public face of a much-depended upon institution where outages of any type could affect the welfare of so many of their customers – individuals as well as businesses. Yet, this is indeed the case at this major, tier-one bank. The background may be familiar to many – with a network of 15,000 ATMs (as well as the thousands of POS devices) this bank had been content running a payments platform using the HP NonStop server but after nearly two decades, the bank had been told that, despite the banks continued enthusiasm for the HP NonStop Server, the payments solution was going to change course and align with IBM and its mainframe server, System z!

Readers of the posts I make to ATMmarketplace.com may already be familiar with this storyline but for others within the NonStop community, this may be news. As a longtime customer of ACI Worldwide and having depended upon BASE24 to support their ATM (and POS) network, this bank was going to have to either go through a massive upgrade to a new software solution or change server platforms entirely. Yes, ACI Worldwide was going to continue to support NonStop – but with a new software product and where the server involved, NonStop, was not a part of their then-current reference architecture. Ouch!

As I wrote in the post to ATMmarketplace, it was OmniPayments that the bank elected to deploy. Should the bank have elected to replace "its NonStop servers with an IBM mainframe, it would totally change the culture of the IT department," according to Omnipayments CEO, Yash Kapadia. An observation that rings true for all of us that work with NonStop servers. For years, supporters of NonStop have prospered as the business community increasingly valued real-time, mission-critical application support more highly than just about any other processing undertaken by a company. Why take a backward step and return to batch?

"All the options had their degrees of pain," Yash observed, "however the bank already had a successful and satisfying relationship going back many years with OmniPayements and its OmniATM product." Seeing ACI unrepentant about its decision and giving the bank few options, none of which looked simple or painless, while the network of 15,000 ATMs continued to support the bank's customers, the inner workings of the payment platform would be changed to something completely different. An undertaking that perhaps only the most gifted surgeons could empathize with; changing the central nervous system while the patient was alive was how I described it in my post to ATMmarketplace.

"Talking about HP Discover," Yash added, "we will be participating and the success we enjoyed at this bank will be a subject I will be only too happy to discuss with others. There are a number of options now available to ACI customers with products coming to market from several different geographical regions. But we view what we have done with this major tier-one bank as bearing all the hallmarks of the type of application 'movement' many other financial institutions would be very interested in hearing more about. Should you want to talk to us, email Janette Rosales at janette@omnipayments.com".

In today's heterogeneous world, we often move servers around to better meet critical workload needs. We deploy solutions to move data between the servers to better meet the needs of business intelligence and data analytics applications. However, when it comes to moving applications off a platform and replacing them with something else this is not a pursuit that CIO's relish. But as Yash pointed out to me, just in moving one customer away from BASE24 has given them considerable experience that better positions them to pursue more opportunities.

Having choice will always be welcomed by CIOs anxious to have options – always a sure sign too that the server itself remains relevant (after all, few vendors invest in servers that have no future). As I make my plans for HP Discover I am going to make sure I catch up with Yash and perhaps, depending on what else transpires, there may be a more complete post written on this subject to the blog, Real Time View.

See you all at HP Discover!

Richard Buckle
Founder and CEO

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Email: richard@pyalla-technologies.com

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Is Tandem In My Future?

By Carol Flaig

For nearly a year I've enjoyed a wonderful ongoing opportunity to be published by Tandemworld.net. I am grateful to Dave Barnes of Tandemworld for initially inviting me to share my words. I'm equally thankful to you readers for your honest and colorful if sometimes stinging back atchas :-)

It is indescribably exhilarating and equally terrifying to be a published writer. One immediately puts oneself up for public scrutiny and the accompanying accolades or scorn that follow. As one might expect the negative mostly outweighs the positive in terms of criticism. I try to learn from, and incorporate both into, a better finished product. Good writing is compelling, clearly expresses a specific outcome, and of course must never be boring. Great writing appears effortless. The associated effort can be excruciating. Some days I stare at a blank page for hours.

I am proud of my achievements and writing skills. It takes me 6-8 hours to produce a single page that is acceptable (to me) for publishing review. I write about 1,000 words (1 page) every day (pros write more, I'll get there, I still work my day job selling software). I hope I have provided you with some fodder for thought, provocation & perhaps even a chuckle. My greatest compliment is a gut buster.

While I have attempted to point out a similar position from varying points of view, my end point remains unmoved. HP is a follower without an original idea in years. I believe there is opportunity and hope for the Tandem community, if it is not short sighted. By this I mean the Tandem community must expand its horizons, it must embrace the internet and open platforms. It must humble itself to become inclusive. If it chooses to recognize, embrace, and improve upon its weaknesses, continued success will follow. Tandem must acknowledge it could quickly be bested and beat at its own game. Who has this Emperor's clothes?

Elitism remains the Tandem community's anchor. This can arguably be traced back to the Treybig era when Tandem really was so ultra fabulous, it was the coveted Promised Land. It was at one time a workplace to rival the Google or Facebook environment today, arguably even better! Over time it got lazy while its competitors remade the mainframe model. Many Tandem-ites refused to own this and in an attempt to cling to its roots grew redundant, preachy and defensive.

The same outdated worn out pitches I heard 10 years ago for Tandem expansion are embarrassingly churned again today. I'm no spring chicken but I can still spot a dime in the gutter from across the street and screech to a halt to pick it up. Tandem has lost its ability to spot those coins in the fountain, or maybe it never had it because it never needed it till now. Tandem needs it now, right now.

My underlying argument all along has been that HP (including Tandem) is slow on the uptake, too slow.

While I'd love to hang around and see what happens, I won't hang in the wings forever, singing on the corner for free. Everyone wants to play for a winner. Are you listening Meg? IBM offered me a writing job. It's only part time but it's a "real" writing job, I'll get paid to do what I love!

They found me right here in Tandemworld. Why didn't you Meg? Someone beat you to me.

What else are you missing?

I'll be switching teams. But you never know, if HP swings for the fence (3D printing? Holograms with embedded security algorithms?), I may be back! Thanks again Tandemworld for the opportunity and the memories. I'm cheering for you Meg! I remain your fan. HP still rocks my world (even a slow dance can be hot).

The author can be contacted at cflaig@platypuspartners.com & is available for consulting work.

Send me a LinkedIn invite!

Ms. Flaig holds an MFA in writing, Jerome and Guggenheim Foundation awards.

PS: After the completion and submission of this piece I read about the impending planned cut of 30,000 HP jobs, a little less than 10% of the HP work force. In Meg's defense, it appears she's otherwise occupied.

I bought a new HP Pavilion g6 today, the "v" key has already fallen off, I'll be asking for repair tomorrow under my warranty. There's no money to be made in warranty fixes Meg. Oy.

User Groups

Information on User Group events can be found at http://www.connect-community.org

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Tandemworld & LinkedIN

Tandemworld have created a Group on LinkedIN through which you can view the latest Tandemworld eNewsletter.

We cuurently have a number of highly experienced NonStop Specialists seeking new roles within the EMEA region. Should you have a requirement for a short term specialist (Contract) or a more longer term resource (Permanent) please Contact Us to enable us to assist you swiftly.

Please view this at http://www.linkedin.com/groups?gid=2602432&trk=hb_side_g

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