Tandemworld eNewsletter for October 2012

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Tandemworld Newsletter for October 2012

Contents

NuWave Technology Presents at CTUG

Ernie Guerrera, President of NuWave Technologies, will be presenting at the CTUG Fall Conference, Oct.24-25 in Mississauga, Ontario. This technical session, "Service Oriented Architecture (SOA) Best Practices" will feature an overview of the critical decisions and tools necessary to develop and implement an effective modernization or migration strategy. This presentation addresses the urgency and complexity of modernizing or migrating NonStop systems to meet rapidly changing technology for exchanging information on diverse devices and platforms. Ernie looks forward to networking with NonStop colleagues and welcomes any questions at the conference!

For more information about CTUG Fall 2012, visit:
http://www.ctug.ca/Events/Current/Member/Overview.aspx

SOAP/AM Version 3.0 Coming Soon

NuWave Technologies continues to meet high standards in customer service and support with the upcoming new version of the SOAP/AM Server and Client products. Version 3.0 incorporates feedback from customers who depend on SOAP/AM to execute millions of transactions through their NonStop systems to exchange information and services with customers and business partners running on diverse platforms and devices. Some of the new features in Version 3.0 …

- *The ability to set default values for elements in the SDF or CDF, including special substitution variables which make information such as IP address, sessionid, etc available in the IPM.*
- *Enhancements to the Service Definition Wizard providing more flexible parameter mapping.*
- *Enhanced DDL annotation which allows complete service definition in DDL.*
- *TS/MP Large Message Support*
- *Support for 2048 bit server certificates, intermediary certificates, and alternative host names*

- *Diagnostic Logging Enhancements*

These enhancements to SOAP/AM make it even easier to use and increase developer productivity. Stay tuned for the upcoming release announcement.

HOW SECURE ARE YOU ?

Today, the task of building and maintaining IT systems is more complex than ever before. The need for business continuity, an increase in critical transactional links to other systems and personal privacy requirements, to name but a few, all place security into focus. This is all in an environment of increasing regulation by government and industry organisations.

Businesses now have to ensure that their investments in security are delivering on the promised protection of their IT environments. Does the business make best use of security products and services ? Does the business follow best practices ? Is exposure to risk minimised ?

Customers are finding that a Security Review from an independent third party is now welcome before they are exposed to a searching Security Audit.

This is where BrightStrand International can help. We have skilled and experienced NonStop Security consultants who can undertake detailed Security Reviews to ratify that your security is sound or to identify situations where it can be improved. BrightStrand can then work with you to apply any necessary changes to meet today's stringent Security standards.

BrightStrand continues to deliver a full range of services that include:

- *Systems and Operations Management*

- *Performance and Tuning / Capacity Planning*

- *Database Design and Administration*

- *Communications Subsystems*

- *Web Services*

- *Security Reviews*

- *IBM WebSphere MQ Series environments.*

- *NonStop Integrity and Blade Migrations*

- ·   *System Healthchecks (Pre or Post-Migration)*

- ·   *Specialist Consultancy*

- ·   *Disaster Recovery and Service Continuity Planning*

All, or some of these elements can be brought together in a Fully Managed Service that can be tailored to the particular needs of the customer – including remote bridging, hosting or operations support, adding further value to the BrightStrand quality services.

Call Dave Stewart today on +44 (0)7831 775115 or email him on dstewart@brightstrand.com for more information.

GTUG 2012 – Well Done!

The attendance and venue were very impressive at the Connect Germany IT-Symposium PanEuropean GTUG NonStop HotSpot, held at the Westin Bellevue Hotel in Dresden, Germany, September 25-27, 2012. The event was well-attended by 35 companies and about 65 customer personnel, who stopped by our booth and/or attended one of our presentations. We appreciated the opportunity to meet with customers and share ideas regarding how Shadowbase data replication could provide business solutions to their most pressing business issues within business continuity, data integration, data replication, and their synchronization needs. Congratulations to Dietmar Held of Daimler AG who won our Kindle Touch booth prize drawing and Thomas Kluk of Technogroup IT-Service GmbH who won our Kindle Fire passport prize! Please click here to see our event photos posted on our Facebook page.

Shadowbase Welcomes SMS-Based Service Customer

In an ever-increasing sign that the mobile phone is continuing to free customers from static terminals, we are pleased to welcome an SMS-based service company to the Shadowbase family. Based in Africa, this new product offers platform to the subscriber where they can win prizes, receive discounts, or take advantage of promotional offers. This service illustrates just one of the wide varieties of uses our customers have for replication.

Gravic Labs Awarded New Data Replication Patents

Gravic is pleased to announce that on August 21, 2012, Dr. Bruce Holenstein, Paul J. Holenstein, and Dr. Bill Highleyman were awarded United States Patent No. 8,250,029 entitled "Method for ensuring replication from a change queue of a source database to a target database when transaction load exceeds data path by spawning a new transaction path between the change queue and the target database." On February 14, 2012, Paul J. Holenstein, Dr. Bruce Holenstein, and Dr. Bill Highleyman were awarded US Patent No. 8,117,154 entitled Method for ensuring replication when system resources are limited. These patents teach how to handle communication overload situations in a graceful manner. Additional information about Gravic Labs can be found here.

Please Visit Gravic at these Upcoming Shows

CTUG Fall Conference, Toronto, 24 October

NENUG Meeting, Andover, Massachusetts, 1 November

DUST Meeting, Scottsdale, Arizona, 9 November

BITUG Big SIG, London, 6 December

FTUG Meeting, Paris, 10 December

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

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

http://www.facebook.com/pages/Gravic-Shadowbase/116969767814
Trademarks mentioned are the property of their respective owners.

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www.nuwave-tech.com

XYPRO Travelling the World

Be sure to attend our sessions at these events:

__Mission Critical Security for Dynamic, Cloud-enabled HP NonStop Environments__

XYPRO continues to lead the way with Mission Critical Security Solutions for your HP NonStop servers. The XYGATE solution suite continues to offer industry-leading authentication, auditing, encryption and compliance solutions, and our technical partnerships take our capabilities even further.

We are able to offer a variety of encryption, stateless tokenization, and masking options, including Format-Preserving Encryption (FPE), via our strategic partnership with Voltage. Learn even more by checking out the September/October Connection article, "Format – Preserving Encryption", by Andrew Price, XYPRO's Director of Product Management. Our exclusive relationship with IdentityForge means that your **NonStop user provisioning** can be integrated with your enterprise Identity and Access Management (IAM) solution. Ask us about NetAuthority - highly secure, yet simple and transparent, device-level authentication – critical in these days of Cloud, Mobile Payments and Bring Your Own Device (BYOD).

__You're Probably More Compliant Than you Realize__

Didn't realize you already had an easy way to combine EMS, Safeguard, Base24 and other NonStop audit sources into a single, easily queried, simple to manage, SIEM interfacing, central logging facility for your NonStop servers?

HP has been including the XYGATE Merged Audit product with all new NonStop servers since 2010. The XYGATE Merged Audit and Event Monitoring module (XMA) manages all your NonStop audit sources and intelligently merges them together into a single database. XMA's flexibility allows you to get the information you need, when you need it. From filtering out extraneous data to alerting and securing the data you do need, XMA supports audit feeds from Safeguard, BASE24, EMS, and more. It can also easily interface to SIEM solutions, and reporting and intrusion detection technologies with minimal effort. Now learn how to put it to use in your enterprise in this presentation covering how it works, what it collects, and how it manages it all for you. We're also thrilled to let you know how XMA helps with PCI compliance and how it integrates with the rest of the enterprise.

__Managing Data and Managing Change with SQLXPress__

SQLXPress helps you move and organize data, report on and control plans and modules, import and export data, and much more. Merlon Software Corporation is the only company that provides the complete solution for managing NonStop databases. Whether it is MP, MX or Enscribe, increase productivity and performance while reducing errors and cost.

Barry Forbes

VP of Sales & Marketing

XYPRO Technology Corporation

www.xypro.com

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comForte SecurData/24 provides data-at-rest protection for BASE24 users

Wiesbaden, Germany - comForte 21 GmbH, a global provider of security, middleware, connectivity, and operations management solutions for the HP NonStop platform, today announced the release of SecurData/24, a data-at-rest protection solution for BASE24 payment systems. SecurData/24 combines tokenization and encryption to protect primary account numbers (PAN) in BASE24 systems and related applications. Without changing the database format, SecurData/24 replaces PANs with secure tokens in transaction logs and card holder files, ensuring only authorized application processes are allowed to access PANs. In addition, sensitive files exchanged with other systems, such as BASE24 refresh or extract files, can be protected by PGP encryption or they can be processed directly via secure SFTP/SSH file transfer, eliminating any intermediate storage on the BASE24 host.

"We are very pleased to announce the availability of SecurData/24. Built specifically for BASE24 environments, the solution enables users to take full control of their sensitive data," said Michael Horst, Chief Architect at comForte 21. "SecurData/24 has been tested at several BASE24 sites, where it successfully worked with transaction and interchange log files. SecurData/24 acts as a transparent protection layer, eliminating the need to make any changes to BASE24 source code."

SecurData/24 helps organizations to fully address requirement 3.4 of the Payment Card Industry Data Security Standard (PCI DSS), which demands that PANs are rendered unreadable wherever they are stored. To minimize the scope of PCI audits, SecurData/24 also provides standards-based interfaces that allow tokenization capabilities to be leveraged in associated BASE24 applications.

Come and see us at these upcoming events in 2012
NonStop Advanced Technical Boot Camp, San Jose, USA, Oct 14-17, 2012
PCI Community Meeting, Dublin, Ireland, Oct 22-24, 2012
EBUG Technical Focus Group, London, UK, Oct 22-23, 2012
CNUG, Toronto, Canada, Oct 24, 2012
NENUG, Andover, MA, USA, Nov 2, 2012
BITUG BIG SIG, London, UK, Dec 5-6 , 2012
FTUG, Paris, France, Dec 10, 2012

Stay connected and follow the discussions:

Musings on NonStop!

October, '12

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

 For over a month now my attention has been squarely focused on Clouds and Big Data. While NonStop systems may not immediately come to mind when considering either technologies, I am finding more and more evidence suggesting that NonStop systems have a significant potential to play a major role if you contemplate to deploy Clouds or to deal with Big Data.

Business today is caught up in a battle to be better informed about their customers and suppliers as well as about the needs of their business partners and even about the capabilities of their competitors. Being in a position to better understand the ever-changing marketplace requires ongoing analytics of data originating from every touch-point a business has with the ecosystem within which it participates. In the past, this hadn't presented that big of a problem as data tabulated for the most basic of business functions could easily be reexamined by business analysts searching for patterns and trends. At the end of the quarter, and often at the

end of the year! Today, however, this structured data represents only a small portion of the data a business accumulates as it supplies products and services to all those it comes into contact with and waiting months, if not years, for insight as to what's going on is no longer a viable option.

The above paragraph appears on the first page of an opinion paper, to be published shortly, I wrote for Attunity . The paper follows on recent posts to the NonStop community blog, Real Time View, one of which, "Big Data? NonStop? It's common knowledge …" that I referenced in last month's Musings on NonStop. Our need to know what's going on, minute by minute and even second by second is only intensifying as the competitive nature of almost all marketplaces increases – the business landscape is dotted with the wrecks of companies that failed to keep up. Kodak? Who could have guessed? And Xerox? Even once powerful segment leaders can succumb to more aggressive competitors and business today is ever mindful that there's no guarantee of remaining in business simply on the basis of past achievements.

For me, the interesting part, when it comes to executing on Big Data, is the NonStop factor! Industry experts seem only too keen to write-off the contribution being made by NonStop, even when they reference transaction processing. When was the last time you saw a chart or grid referencing NonStop, even within the analysis of the upper end of the niche marketplace for mission critical platforms? And yet, when you look at the data, it's hard to overlook the presence of NonStop. Yes, critics of NonStop seem to be fond of promoting other platforms directly interfacing with customers even when their tolerance of failure seems pretty weak.

> *Just how involved in front-line interaction with customer is the HP NonStop system? At a recent customer event in Las Vegas, executives of HP reported that every day Nonstop systems worldwide process $2 Billion payment card transactions and that 300 Million plus mobile phone subscribers depend upon NonStop. And these numbers continue to climb as credit card usage and mobile phone interactions becomes more widespread. Businesses running NonStop increasingly are being called upon to move data from the NonStop application into Big Data frameworks, even as HP executives wonder whether at some point the intrinsic properties of NonStop may end up being leveraged by the platforms in support of Big Data.*

Again, the above paragraph comes directly from the Attunity opinion paper that I just completed, as the point remains significant. Business cannot ignore the NonStop nor should it – so much relevant information is passing through NonStop systems that it is ludicrous to think that NonStop can be ignored and kept out of the picture. Big Data needs NonStop, and yes, NonStop will be a source of information that will differentiate one company's ability to more quickly respond to changing market conditions than the other. Certainly it will necessitate moving data off the NonStop platform to the analytics hosting systems and Attunity is already doing a very good job in this respect.

In the post to Real Time View, already referenced, I quote Ajaya Gummadi, the product manager within NonStop most closely aligned with data, data bases and Big Data when during our last conversation she had said, "There will be occasions where organizations will launch a new product or service, check the transaction volumes of the last five minutes and then want to correlate this activity with what was being said about the product in social media channels including blogs, tweets, 'Facebook likes' etc. both positive and negative in order to make rapid adjustments to the product or service as well as the marketing messages being used. This type of capability needs a platform that can handle extreme volumes of workloads and be always available to do business."

As I wrapped up my opinion paper on Big Data for Attunity I was compelled to make a couple of observations, including the one that follows here that has been pulled directly from the paper:

> For the NonStop community, this augurs well for the future – as the premier platform for running real time mission-critical applications, it will continue to be the source of transactional data and whether the information contained in the NonStop SQL/MX data base ends up in Vertica, Hadoop or in the cloud, it will continue to require movement and replication. A lot of data is going to be moving around. And perhaps there's even more

on the horizon for NonStop, extending its life even further than many industry pundits would have expected just a few years ago.

As I wrote the last month's Musings on NonStop I was about to leave for Dresden, Germany, for the GTUG event where I would be providing an update on uLinga including a new feature, "uLinga for Clouds". The subject of Clouds is every bit as important to me as Big Data and in many ways, I find the topics inseparable – after all, if we are talking about petabytes and beyond, surely we need to find less expensive resources to house it all than simply racking up storage in our data centers.

This week I am in Vancouver, Canada, for another client event and I am in a hotel room atop a tower where all I can see right now are clouds. And I am left to wonder are Clouds really going to be as revolutionary as everyone predicts? However, it only takes a casual conversation about Big Data, once or twice a week, to convince me that yes, Clouds will revolutionize IT and the Big Data needs will likely prove to be the catalyst!

I will not be attending the San Jose Boot-camp, unfortunately, so I will miss catching up with many of you just as I will miss seeing Jimmy Treybig's presentation. I am hearing that there will be plenty of time devoted to mobility, security, Big Data and Cloud Computing and I have to believe, plenty of emails will follow. After all, it will all come down to the availability of APIs, connectivity, gateways and servers and historically, this has always been where NonStop excels!

Richard Buckle
Founder and CEO

Pyalla Technologies, LLC
Email: richard@pyalla-technologies.com

Following my blogs? My web publications? My discussion Groups?

Check out (copy and paste to your browser):

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.... And check out the Group on LinkedIn, Real Time View

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.... And check out the Group on LinkedIn, comForte Lounge

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ATMmarketplace at
http://www.atmmarketplace.com/blogger.php?id=130763

buckle-up *at http://www.buckle-up-travel.blogspot.com/*

.... And check out the SubGroup on LinkedIn, Pyalla Track Days

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Breaking news from CommitWork's lab

HP NonStop servers
go mobile
with iOmnivoBase

In times of BYOD (Bring Your Own Device), CommitWork introduces iOmnivoBase, enabling solutions for your management to be used on their iPhones or iPads in order to communicate with HP NonStop servers.

A native "app" implementation allows utilizing all features of your mobile devices. Application examples could be for instance scanning bar-codes using a built-in camera or utilizing GPS for displaying the appropriate spot on a map.

OmnivoBridge can provide notifications, sent out from your Pathway applications to mobile devices, informing your users about important events, popped up on NonStop servers.

CommitWork's first implementation will support Apple's iOS. Devices running Android or Win8 will also be supported early in 2013.

iOmnivoBase as well as OmnivoBase allow communication based upon secure VPN connections to your NonStop applications.

CommitWork will provide a short demo at the next "HP Developer Forum" (October 24, 2012) in Bad Homburg, Germany.

For further Information please visit us at http://www.commitwork.de

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XYPRO Webinars on Demand

From compliance to database management to the latest HP NonStop topics, our Webinars offer timely information and

insight into the issues that matter most to you. Click on any of the links below to access our Webinars.

Database Management   **Compliance Assessment**

Identity Forge - Identity Management   **Witham Labratories - PCI DSS Lessons from the Field**

HP NonStop PCI Compliance -The Solution   **Simplify and Automate Database Reloads for your HP NonStop Servers**

Centricity Enterprise Users: Simplify Database Management

TANDsoft Adds New Time-Zone API to OPTA2000

Let's imagine that your application sits on a system running numerous applications, all operating in different virtual times established by OPTA2000's global time-zone virtualization capability. Your application needs to periodically reach out and request current times elsewhere on the globe without having to alter its virtual clock or requiring you to go online and Google the information you seek. With TANDsoft's new Time-Zone API, any OPTA2000-supported application can acquire any Local Standard Time (LST) or Local Civil Time (LCT) without the need for manual intervention by a programmer or system operator. For instance, an application operating with its virtual clock set to London time needs access to the local Tokyo time when one transaction took place and the local Buenos Aires time when another transaction occurred. TANDsoft's new Time-Zone API makes that possible without the application having to change its own virtual clock in order to obtain the information.

OPTA2000 is a virtual clock and time-zone simulator that is user-friendly, easily installed, cost-effective, and requires no application modifications. It 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.

OPTA2000 supports all applications (user, HP, and major third-party apps, including BASE24) on the HP BladeSystem as well as on NonStop S-Series and Itanium servers.

TANDsoft's time-zone API is available upon request by existing OPTA2000 customers and will be included in OPTA2000's upcoming release version 5.2.

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 TMF-audited/unaudited FUP, SQL/MP and SQL/MX DDL structure and other environment changes to target systems; and the Enscribe-2-SQL and TMF-Audit Toolkits, which offer flexible, affordable alternatives to more expensive conversion products or manual conversion techniques.

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

TANDsoft will exhibit at the 2012 CTUG Fall Conference on October 24-25 in Mississauga, Ontario. For information about TANDsoft solutions, contact Jack Di Giacomo at +1 (514) 695-2234. Our Enscribe to SQL Migration Forum on LinkedIn is at 142 members and counting. www.tandsoft.com.

Availability Digest Investigates "Hacktivist" Attacks Against U.S. Banks

The recent online release of the fourteen-minute anti-Islamic trailer for "Innocence of Muslims" sparked not only anti-American violence against U.S. embassies but also a spate of cyber attacks against large American banks. Over a recent two-week period, massive Distributed Denial of Service (DDoS) assaults took down the web sites of Bank of America, JP Morgan Chase, Wells Fargo, U.S. Bank, and PNC. The Availability Digest investigates the resulting inconvenience for online banking customers as well as steps that can be taken to mitigate the impact of a DDoS.

Also in the October 2012 Digest:

ISO 22301 – The New Business Continuity Management Standard – ISO 22301 is the first international standard for Business Continuity Management (BCM). It builds on the British Standards Institution's BS 25992-2 standard that has been widely accepted outside of the U.K.

Is Maintenance Making Your Facility Less Reliable? – Preventive maintenance at times can cause more problems than it's worth.

FS-ISAC – Financial Services Information Sharing and Analysis Center– FS-ISAC is the only industry forum for collaboration on critical security threats facing the financial services sector. FS-ISAC determines threat levels and provides cyber security alerts, advice, and recommended solutions for events such as the DDoS attacks that recently were initiated against American banks.

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 486 members and counting.

BITUG BIG SIG Conference, Thursday December 6th 2012

 The BIG SIG will be once again held at the historic Trinity House venue,

Trinity Square, Tower Hill, City of London, Greater London EC3N 4DH

BITUG BIG SIG (Thursday 6th December)
The agenda is still being finalised for this event, however I can reveal that we are all very excited to welcome Gaye Clemson to BITUG for the first time. Gaye is an original Tandem employee and is author of the book "Tandem Computers Unplugged: A People's History" Gaye will be giving the morning keynote presentation and will be bringing signed copies of her book to be given away at the end of the day.

Following the Keynote we will again be running 3 presentation tracks:

HP Direct Track.
It is once again my pleasure to welcome HP's Mark Pollens to BIGUG, Mark will be working with our HP liaison and BITUG committee member Iain Liston-Brown on the HP track to present the latest product roadmaps and more.

Payments Solutions Track
We are pleased to present details of NonStop payment software offerings currently available, including Vendor presentations with Q&A.

Compliance Track
We are pleased to provide the opportunity to concentrate on Audit and Compliance issues effecting the HP NonStop platform today and what solutions are available to help with these.

Places for this ever popular event are limited to book early

http://bitugbigsig2012.eventbrite.co.uk/

Looking forward to seeing you all again

Damian and the BITUG committee. (www.bitug.com)

French Tandem Users Group Meeting

The next French Tandem Users group meeting will be in Paris on December 10th, all day.

This date has been chosen to let you attend the BITUG and HP Discover the week before.

The exact location is still not yet defined but it will be in Paris or in the very close suburb.

This event is dedicated to french speaking customers, with invitation to french, swiss, belgian, luxembourg customers but the presentations can be done in english.

There is not specific subject to cover, but experiences and references on modernizing customers applications will be welcome.

The format should be the same than previous years including formal presentations slots and booth space for you to meet the customers.

For your information, most customers in France are now running on small Itanium NS-Series servers some very few still running on S-Series.

Please let me know if you plan to come and I'll send you the details when available.

There is no fee to attend this event (HP France will be hosting the event) but your are welcome to carry some goodies for the customers. There should a prize draw for main ones.

Yves Tournier

NSAS NonStop Availability Services

www.nsas.fr

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