



Tandemworld eNewsletter for September 2012



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Gravic Releases Shadowbase Version 5.001

Version 5.001 for Shadowbase is now available in general release. This version extends a number of existing Shadowbase capabilities, as well as a large number of new additional capabilities. Importantly, the release resolves a number of issues and contains some patches from HP for improving the performance of the HP ARLIB audit reading routines.

For NonStop, Version 5.001 Includes:

- *NonStop SQL/MX 3.1 support as a source and a target, including bi-directionally*
- *Shadowbase UNDO™, a utility to selectively undo (or rollback) file or table changes (useful to resolve errant program database behavior without taking the entire application offline)*
- *Shadowbase File Chaser™, for injecting non-audited Enscribe file data into the replication engine*
- *SQL VIEW replication, allowing the VIEW to act as a shorthand for defining the data to be replicated*
- *Support for embedded well-known column names that are to be automatically added to the replicated data*
- *Enhanced support for compressed audit expansion*
- *Performance enhancements, especially in our patented statement caching engine*

For Open Server, Version 5.001 Includes:

- *32-bit and 64-bit versions for supported platforms*
- *Additional datatype support across the latest releases of the commercial databases we support*
- *Improved statistics collection and reporting*
- *Oracle database optimizations*
- *Sybase ASE 15.x source and target refresh*

Please Visit Gravic at these Upcoming Shows



GTUG Go International NonStop HotSpot 2012, Dresden, 25-27 September



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



CTUG Fall Conference, Toronto, 24 October



NENUG Meeting, Andover, Massachusetts, 1 November



DUST Meeting, Scottsdale, Arizona, 9 November



BITUG Big SIG, London, 6 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>
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Upgrading and Migrating Virtual Tapes

Physical tape technology has been evolving for several decades and every few years the next best products are released. Data centers anticipate these advances and they've refined processes to allow them to move forward into new features and technologies.

Virtual tape technologies are evolving too and perhaps at a faster pace than their physical counterparts. But virtual tape systems lacks industry standards for data storage and files formats, hence mounting virtual media (disk) on competing vendor's virtual tape systems presents challenges.

It would be a sorry situation if users were unable to capitalize on the newest advances in virtual tape merely because there seemed no migration path from old systems to new systems. Seeing that need, ETI-NET has developed tools and procedures to simplify a user's transition from obsolete virtual tape technology into one of our several modern, feature-rich BackBox®/BackPak® solutions.

Allow us to describe the migration process to upgrade your first-generation virtual tape system. Reach us at information@etinet.com for more information.

Ban Bottlenecks® Your Continuous Improvement Program

You operate a mission-critical system. You think you have things under control. But do you have a "ticking black box" on your hands? Are your service levels slipping? You know the feeling: You keep adding more customers, more reports, more extracts, more transmissions. You add another application. Increased volume reveals infrastructure shortcomings. No one is sure that more hardware will solve a recurring problem... The list can go on and on.

What you really want is continuous improvement of your operation. Instead, you have begun the slippery slope of continuous degradation... The slow inexorable process of losing control of your system.

If so, something needs to change. You've got to get off that slippery slope. Transaction Design, Inc. has your change agent: Ban Bottlenecks® - a unique service that helps you achieve your goal of excellent service. With Ban Bottlenecks in place, you no longer spend your time scrambling to fix one problem after another. Instead, you are proactive and focused on the continuous improvement of your system.

Ban Bottlenecks' program of continuous improvement implements three things:

- A way to measure and discover issues affecting service levels, usage, and performance
- A methodology to track the effect of your improvements
- The discipline to carry out these efforts consistently, month after month

From a client: "From my perspective, I really don't have to know a whole lot about performance intricacies. I know enough to ask the right questions. I love the arrangement we have now where you do the work and tell us when you notice issues. I'd prefer that over [another company's] product even if they were giving it away for free. There were other companies offering automated performance charts but it required work to generate them and no one available to interpret them and offer suggestions. I think you have a great niche."

Meet us at the NonStop Technical Boot Camp in San Jose in October! Talk to our client about his experiences during our 1:00 pm session on Monday.

Contact us for a free proof of concept!

assist@banbottle necks.com

1.415.256.8369

www.banbottle necks.com

" NonStop in the Enterprise " - to increase opportunities

Given many NonStop systems are in multi-platform system environments, there is a need to -

- include NonStop in the Corporate Standard for Host Access as well Enterprise Security and Modernization projects
- increase NonStop profile and value in Customer organizations
- better position NonStop in new business initiatives and Corporate plans

To achieve these objectives and expand awareness that NonStop can be integral in the business by supporting a Corporate Standardization strategy, the " NonStop in the Enterprise " article is being published in an upcoming issue of The Connection and the presentation is being given at the NonStop Boot Camp as well as upcoming RUGs.

As you will notice at www.cail.com/nitewp, there are insights to increase NonStop appeal and examples of products that show NonStop fits in and can meaningfully contribute to Customer business success.

If there are any questions on this, please send a request to - info@cail.com or call 800-668-5769 or 905-940-9000 or visit www.cail.com/adapt or www.cail.com/cabenefits.

RTLX Reactor

Enabling comprehensive, PCI DSS compliant, optimized querying and reporting for 1000's of tape archived transaction logs in less than 30 days.

Insider Technologies' RTLX Reactor Payments and Transaction monitoring solution enables banks to perform comprehensive, compliant, optimized querying and reporting for 1000's of tape archived transaction logs.

A number of banks are under a growing amount of pressure from their regulators to provide fast turnaround of customer card queries for transactions, which date back more than a few months and sometimes more than 6 years. Failure to comply with this SLA will result in financial penalties.

For P²S and ATM transactions older than 6 months, transaction log files (and their corresponding alternate key/index files) are typically archived to tape for mass storage by the bank. This is because HP NonStop disk space is expensive and transaction log files can be a number of Gigabytes for each bank processing day.

If a customer queries one or more transactions that are not currently online, the bank needs to locate the transaction

and alternate key files on a given tape, restore them and then locate the appropriate customer card transactions. This process can take a considerable amount of time which conflicts with the regulator's SLA directives.

In order to meet these SLAs, some banks have found a solution that enabled the turnaround of card queries in minutes and hours rather than weeks using modern, optimized database access techniques and partitioning. This then provides secure querying of terabytes of transaction data which could then also be archived using the latest technology.

A case study from Insider Technologies is available which provides an executive summary of a successful project for those looking to move their wealth of archived card transaction files (numbering in 1000's) from old tape technology to a partitioned, normalized SQL database which includes transaction records and their associated tokens.

The result is a fast and secure browser interface for card transaction querying of ATM and P²S records, reporting and archiving in line with increasing PCI DSS compliance and audit directives.

To obtain a copy of the case study, then please contact Insider Technologies at the email address below.

For a product overview, please visit the following link:

<http://www.insidertech.co.uk/Products/RTLXReactor/tabid/89/Default.aspx>

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ISO 9001: 2008 and [TickITplus accredited](#)

Tributary Systems Introduces LT⁵ Tape Products EXCLUSIVELY Through HP NonStop Enterprise Division

With the current versions of the NonStop LT⁴ Tape Drives approaching their end of life, six new versions of the HP LT⁵ are now fully integrated and available for use in NonStop Integrity (NS and BladeSystem) environments from HP. Integrated for use on NonStop by Tributary Systems, Inc., LT⁵ technology offers an ideal solution for tape backup where security, speed, reliability and the ability to archive are critical.

Six unique versions of the HP NonStop LT⁵ tape drives are being offered through HP:

M8701A: Fibre Channel attached, 24 cartridge ACL rack mount configuration that takes up only 2U of rack space (An increase of 9 cartridge capacity in 3U less rack height when compared to an LT⁴ rack mount tape drive)

M8702A: Fibre Channel attached, 24 cartridge ACL tabletop configuration (same increase of 9 cartridge capacity when compared to the LT⁴ ACL tabletop unit)

M8705A: Serial Attached SCSI (SAS) attached, single play, manual load, tabletop version of LT⁵ (the M8705A is the lowest cost version of the LT⁵ drive family)

M8706A: Fibre Channel attached version of the LT⁵ for use in the Oracle SL500 or HP NonStop MRL 50 tape

libraries

M8707A: Fibre Channel attached version of the LTO 5 for use in the Oracle SL3000 tape libraries

M8708A: Fibre Channel attached version of the LTO 5 for use in the Oracle SL8500 tape libraries

The new LTO 5 drives can be connected to FC (or SAS in the case of the M8705A) ports in the HP NonStop VIO, IOAME, or CLIM. LTO 5 tape drives are supported on HP NonStop releases beginning with J06.14/H06.25 and continuing for all future NonStop H and J releases.

Features common to these new drives include the ability to read and write to both LTO 4 and LTO 5 tape cartridges, as well as read only for LTO 3 media. LTO 5 tape cartridges have a 1.5 TB native capacity, and up to 3 TB compressed capacity, nearly double the capacity of the LTO 4 cartridge. All LTO 5 tape drives support VLE (Volume Level Encryption) with either HP ESKM (Enterprise Secure Key Manager) version 2.1 or 3.0. All NonStop LTO 5 tape drives are fully RoHS 2.04 compliant, addressing any concerns European customers may have with regard to agency compliance.

LTO 5 drives are not supported on S-series systems running NonStop G-series releases.

In summation, LTO 5 tape drives offer improvements in tape media capacity, the ACL versions have increased cartridge count, the rack mount ACL version substantially reduces rack space requirements, VLE continues to be supported, with two versions of HP's Key Management software. LTO 5 provides the HP NonStop customer with more features at a cost similar to LTO 4 while continuing the reputation for quality, reliability and availability that all NonStop LTO tape drives maintain.

PCI-DSS enhancements regarding the Stefi software environment

The Primary Account Numbers on the Bank Cards are sensitive data, but are usually stored as part of the Bank Card transaction data in systems like ACI's BASE24 system.

It is a challenge how to present this transaction data without unnecessarily revealing the PAN, but making it available for those who really need it.

As Stefi serves as a great tool to browse BASE24 transaction log files, some enhancements were introduced to cope with this situation.

The PAN is now masked by default when displaying the BASE24 logfile records:

Card Number	Tran. Dat
610132*****00	12-08-08:
532180*****29	12-08-08:
451168*****43	12-08-08:
451168*****43	12-08-08:
673703*****16012	12-08-08:

Privileged users can 'unmask' the PAN to see it clear. You can control this at the Windows domain controller level. A group must be created (named 'Stefi_VIP') and all the users who are member of this group are 'privileged' users.

The logging on the server side is also enhanced, the following data is logged:

- IP address of the client computer
- Tandem userid used by the client
- Windows domain and username of the client

With all the aboves PCI-DSS audits are much easier to accomplish.

Stefi is a client-server application providing a Graphical User Interface frontend to NonStop Enscribe files and Sql/Mp tables to browse and edit them. It provides a new level to access Enscribe files and also acts as a great Windows client for Sql/Mp tables. It also supports filtered file copy into the windows environment providing txt, Excel (csv), html, MsSql server table output formats.

You can browse the DDL Dictionaries for record and id definitions to use them for your Enscribe files.

This means that after opening an Enscribe file, you can use the same GUI to browse for your DDL dictionaries and locate the definition you would like use for your data records. Stefi will convert it for you "on the fly". The converted structure is stored in memory for later re-use during the session, and can also be saved to a Stefi structure file.

With this feature Stefi become a unique and really efficient, user-friendly tool to browse and update Enscribe files.

One of the features is the so called "Enscribe filter", that is constructed on the client and then passed to the server for execution. This way the records can be filtered based on any fields on it.

With the PCRE porting the filters can use Regular Expressions that gives a very flexible way to define comprehensive conditions, especially when filtering the presence and content of BASE24 tokens.

The software has built-in DES/3DES encoding regarding the client-server data communication. It is great, when you have to pass PCI-DSS audits!

The extra support for BASE24 files makes it ideal for BASE24 developers, testers and operators.

More information: <http://www.audit-profit.hu/>

Tibor Peak
Audit Profit Ltd.

email: mail@audit-profit.hu

WebSphere MQ Series and its NonStop Implementation

It is easy to find generic WebSphere MQ Series resource, but resources that know how MQ Series is implemented on the NonStop platform is a different matter. BrightStrand has these skilled, specialist consultants and can deliver training and consultancy. These consultants have also undertaken major MQ Series upgrades to Version 5.3.

Course Overview

This course, in-depth training for HP NonStop System Administrators, is delivered by BrightStrand specialists. On successful completion of this course System Administrators will be able to understand the installation and configuration of the WebSphere MQ V5.3 (WMQ) environment. The training is designed to give System Administrators basic knowledge about WebSphere MQ Series daily operation and error handling. The course consists of lectures and labs to better understand and practice the WebSphere MQ Series environment.

This course can be tailored to particular customer requirements and conducted on customer premises.

WebSphere MQ Series Consultancy

BrightStrand delivers WebSphere MQ Consultancy through its experienced, specialised consultants who harness their NonStop skills with knowledge of the WebSphere MQ Series software and its implementation in the NonStop environment. The same people deliver the training so that customers can be assured that the presenter is talking from experience in the field.

For further details of WebSphere MQ Series Training and Consultancy please contact Dave Stewart today on +44 (0)7831 775115 or email him on dstewart@brightstrand.com.

Make it Matter

with

MOMI!

BlackWood Systems hopes you enjoyed meeting with other NonStop Users at the numerous RUGs held this year, the NonStop Community Reception, and Discover 2012. We look forward to seeing you at NonStop Advanced Technical Boot Camp, October 14-16 in San Jose, where we will continue to Make It Matter!

MOMI is a System Performance Monitor and Operations Utility, assisting NonStop System Managers, Operations Support and Programming staff with a superior real-time tool to aid in monitoring, troubleshooting and diagnosing System events. Customers in all industries all over the world run MOMI on all NonStop platforms: S-series, Integrity and Blade.

Our Performance Monitor is easy to use, informative, and affordable! Features include:

- History
- TCP/IP Activity
- Spooler GUI
- Expand
- EMS Viewer
- OSS
- GUI FTP
- VHS Log Viewer
- Time Sync
- Ping/Trace Route
- File Explorer
- Alarms (option)

Our Client Access feature is sensitive to security needs and provides a logon function to protect certain operations. MOMI Client Access limits screens and features available to PC Clients.

Download our newest version of MOMI (v.5.30) featuring Event BX - a User-defined EMS detail record. To access all features, please request a 60-day trial password.

Are you upgrading to a new NonStop? BlackWood Systems does NOT charge a re-licensing fee when MOMI customers under Yearly Software Support upgrade their NonStop hardware! We simply transfer the existing MOMI license to the new NonStop and allow you to run MOMI on both Systems simultaneously for a limited period of time while you make the migration.

Make it matter with MOMI! When Your System Demands Quick Attention...

Kathy Wood

BlackWood Systems, Inc.

www.momi.com

kwood@blackwood-systems.com

602-569-8766

Join XYPRO at the NonStop Advanced Technical Bootcamp

October 14-16, 2012 in San Jose, CA USA. Another opportunity to gather near Cupertino (where it all began) and network with our peers. The NonStop Technical Bootcamp will be chock full of valuable, educational sessions in addition to multiple opportunities to share information with your contemporaries. Be sure to attend our sessions:

XYGATE Merged Audit, You Have It, Do You Use It?

Didn't realize you already had a great way to combine EMS, Safeguard, Base24 and other logging audit sources into a single, easily queried, simple to manage, SIEM interfacing central logging facility for your NonStop servers? You aren't the only one.

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 will also cover how it can help with PCI compliance, configuration, tips and tricks, and how it integrates with the rest of the enterprise. By Rob Lesan.

Mission Critical Security for your Mission Critical Applications

XYPRO continues to lead the way with Mission Critical Security Solutions for your HP NonStop servers. Join XYPRO in San Jose and learn how XYPRO delivers the security and peace of mind you need to combat the current and future threats facing your Mission Critical environments and applications. The XYGATE solution suite continues to offer industry-leading authentication, auditing, encryption and compliance solutions, and our new partnerships take our capabilities even further.

Our recently announced partnership with Voltage gives our customers more encryption, tokenization, and masking

options, including Format-Preserving Encryption (FPE), which you can learn about in this session and also by checking out the September/October Connection article, “Format – Preserving Encryption”, by Andrew Price, XYPRO’s Director of Product Management. Our partnership with IdentityForge means that your NonStop user provisioning can be integrated with your enterprise Identity and Access Management (IAM) solution. And our most recent partnership with NetAuthority introduces highly secure, yet simple and transparent, device-level authentication – critical in these days of Cloud, Mobile Payments and Bring Your Own Device (BYOD). Join us at XYPRO’s NonStop Bootcamp Vendor Session.

Managing Data and Managing Change with SQLXPress

Come to this Bootcamp Session to hear about ways that SQLXPress can help 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, since 1996 Merlon has provided its customers the answers for increasing productivity and performance while reducing errors and cost.

BIG BIG NEWS!

Jimmy Treybig, founder of the groundbreaking company, Tandem Computers, to keynote at the NonStop Advanced Technical Boot Camp on October 14-16, 2012. Under his leadership, Tandem delivered its first product in 1976, first issued public stock in 1977, and in 1980 was ranked by Inc. magazine as the fastest growing public company in America. <https://connect-community.site-ym.com/news/news.asp?id=102543>

<https://connect-community.site-ym.com/?TBC>

Barry Forbes

VP of Sales & Marketing

XYPRO Technology Corporation

www.xypro.com

Everlink meets PCI DSS requirement with comForte SecurTape

As a payment processing services provider, Everlink is responsible for executing and securing the credit card transactions of credit unions, banks, and other financial services organizations in Canada.

Given the sensitive payment data it manages, delivering rigorous security protections and sustaining compliance with the Payment Card Industry Data Security Standard (PCI DSS) are critical mandates.

To meet PCI DSS requirements for protecting stored cardholder data on backup tapes, the team at Everlink relies on comForte and its SecurTape solution. [Read more.](#)

Come and see us at these upcoming events in 2012

Pan-European GTUG/CONNECT, Dresden, Germany, Sept 26-27, 2012

DUST, Scottsdale, USA, Oct 2, 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

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

Stay connected and follow the discussions:



XYPRO in Your Neck of the Woods

October will be even busier than September was and we hope to have the chance to see you at the following events:

DUST

comForte presents at NonStop Advanced Technical Boot Camp, Oct 14-16

comForte hosts two presentations at the NonStop Advanced Technical Boot Camp in San Jose.

For the first session at 1pm on Oct 15, comForte, represented by Brad Poole, Solution Architect, joins fellow vendors for an Application Modernization Session and Panel Discussion looking at 'The State of Application Modernization on HP NonStop'.

Application modernization has been an important theme for HP NonStop systems for several years now and there are numerous success stories of those who have capitalized on their NonStop investment. Today there is a broad set of tools provided by many of the solution providers designed specifically to enable rapid development of modern clients

for your existing NonStop applications.

Led by comForte, experts from ACI, HP, NuWave, and TIC have teamed up to provide you with an overview of the solutions which are available today to make application modernization a reality for you too. We will conclude the session with a panel discussion where you will have the opportunity to ask questions of the team.

The second presentation at 3.30 pm on Oct 16 is given by Henning Horst, Solutions Architect at comForte, who will talk about 'Three Key Technologies to protect your PANs – PAN Discovery, Tokenization and Key Stroke Logging'. Protecting your PANs is at the very heart of every PCI project. Questions like where are the PANs on your systems and how can you find them are questions asked by many PCI auditors. How do you store them, how do you protect the PANs from malicious misuse, and how do you control access to your critical systems are further questions needing to be answered. This presentation looks at key technologies in the three areas of PAN discovery, tokenization, and audit logging.

Don't miss these session! We're looking forward to see you in San Jose.

Come and see us at these upcoming events in 2012

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

CNUG, Toronto, Canada, Oct 24, 2012

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

Stay connected and follow the discussions:



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 Laboratories - 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](#)

Resolving the Time-Zone Dilemma with TANDsoft and OPTA2000

Here is the dilemma. A company wants to consolidate data centers that are currently located thousands of miles and several time zones apart. The consolidated system will host multiple applications in need of local timestamps that are different than those of the consolidated system's clock. How many options can a company consider? Below are four.

OPTION 1: Don't consolidate. Maintain servers in each time zone affected.
Challenges to Option 1 - Massive costs, loss of consolidation benefits.

OPTION 2: Allow applications to be GMT-dependent. Don't convert to local times.
Challenges to Option 2 – Disgruntled users. People think in local time and want local timestamps on bills, receipts, emails, reports, etc. Also, some HP and legacy applications only run in local time.

OPTION 3: Create a custom time-sensitive solution.
Challenges to Option 3 – Expensive and risky. Do you have the required source code? Potentially huge programming effort. Why risk damaging an application that works well? Must support all application types (TNS, TNS/R, TNS/E, SQL/MP, SQL/MX, OSS).

OPTION 4: Use off-the-shelf product.
In the NonStop world, only TANDsoft's OPTA2000 allows 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. A single system can host thousands of applications.

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 libraries to provide virtual system times arbitrarily offset from current time. 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 "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.

Please visit us at Table #12 in the Partner Pavilion at the NonStop Advanced Technical Boot Camp, October 14-16 in San Jose, California, USA. TANDsoft also 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 139 members and counting. www.tandsoft.com.

Availability Digest Exposes the Malware Threat to Android

Google's Android operating system is the world's leading smartphone platform. Over 500 million Android devices are in use, and 1.3 million new devices are added daily. Android's popularity plus its open-source technology make it particularly attractive to hackers. As the number of users has increased, so have incidents of malware attacks via some of the millions of apps written for Android. The Availability Digest investigates this uptick in cybercriminal activity in its September 2012 issue.

Also in the September 2012 Digest:

[Go Daddy Takes Down Millions of Web Sites](#) – On Monday, September 10th, the Availability Digest was among the millions of websites that fell victim to Go Daddy's DNS server outage.

[Welcome to the Geek Corner](#) – For those whose eyes light up rather than roll back whenever mathematical equations are present, check out the article on the costs of RPO and RTO.

[Never Again](#) – It's time for another of our popular "More Never Agains" articles. This seventh in the series highlights recent catastrophic outages and failures that occasionally will horrify you, at times will amuse you, but always will provide you with valuable lessons on how not to become the subject of one of our "Never Again" articles.

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.

"Help! My Data Center is Down" is Bill Highleyman's presentation at the upcoming Connect NonStop Advanced Technical Boot Camp, to be held October 14th thru 16th in San Jose, California, USA.

Published monthly, the Digest is free and lives at www.availabilitydigest.com. Please visit our Continuous Availability Forum on LinkedIn. We're at 479 members and counting. Our most recent thread is an active discussion on cluster availability.

Musings on NonStop!

September, '12

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

This week I am in Germany where I'm attending GTUG, one of the best-attended Regional User Group events of all, and where this year I will be giving a presentation on uLinga (including a preliminary look at the plans to embrace Clouds) as well as moderating the Cloud SIG session. I haven't been to Dresden, and was looking forward to it – my good friends at comForte have told me it's really a great town to visit and to spend time simply walking around and so perhaps, late evenings I will be able to cross the river Elbe.

All I know of Dresden is that it has a reputation for good porcelain (my mother would often point out to me as a child that yes, that was Dresden china I was holding) but I suspect that there's a lot more going on than simply making plates and bowls. There's a VW plant nearby and I hear that GTUG attendees will be getting a chance to tour the factory. Unfortunately, for me it will be a weekend that will be spent a little further south in Munich where Oktoberfest will be under way.

But as I looked at the GTUG program I took a quick look at the vendors that will be participating and saw a couple of interesting groupings – Attunity alongside Integrated Research (IR), comForte alongside Lusic - and it reminded me of just how often I am engaged in projects involving many of them. There is a lot that's going on these days that involves solutions and middleware vendors and it is encouraging for me to see just how big is an investment that these companies continue to make in NonStop systems.

I had hoped that my good friends from OmniPayments would also be present, as Lusic and BPC are present, and that is a testament to just how important a role NonStop continues to play in the financial services industry. "We have long held the belief that being visible at RUG events, whether held at the city or regional level as well as when they are a full-blown Summit; it is important for OmniPayments," according to OmniPayments CEO Yash Kapadia.

"And through the years they have provided invaluable access to customers and prospects alike. Access to HP executives is always beneficial just as it is hearing first-hand what the central messages of HP are – and yes, we like to entertain and were pleased with the community participation when we hosted many of them to a show at Las Vegas as part of HP Discover 2012. But unfortunately we will be in a workshop with a new NonStop customer otherwise we would have loved to be at GTUG." Yes, we hear of instances where a customer moves to platforms apart from NonStop so for me it's always encouraging to hear of instances of new customers of NonStop!

But looking at the program and seeing how close the vendor desktops of Attunity and IR reminded me of the mindshare Big Data is beginning to grab among experienced NonStop middleware vendors. There is a lot going on for the NonStop community when it comes Clouds but there's also a lot happening when it comes to Big Data – it's how companies will be able to better compete in the marketplace and to provide business unit managers with even greater insight into all that is happening within specific market segments.

I have developed opinion papers for both of these vendors, with each looking at a different application of Big Data – with IR it's all about how they plan on leveraging Big Data platforms, whereas with Attunity it is all about data integration – making sure transactional data accumulating on the NonStop system makes it into the more popular Big Data platforms supporting business analytics in new and interesting ways.

In the most recent post of mine to the NonStop community blog, Real Time View, "[Big Data? NonStop? It's common knowledge ...](#)" **I pulled a couple of paragraphs from both opinion** Application papers as well as additional quotes

from HP's VP, Converged Systems, Enterprise Group, Paul Miller, who remarked that "by marrying NonStop systems with Big Data systems, customers can leverage their existing data with new sources of data to provides advanced analytics to the lines of business."

And this complements the storyline I developed for Attunity, as they, too, recognize the implications but it also drew the observation from Attunity VP, Business Development and Corporate Strategy, Itamar Ankorion, that "getting NonStop transactional data into Big Data stores is hard. These stores today can be anything from large scale Data Warehouses to Big Data stores. They may even involve Clouds. But Big Data is big business and without a clear strategy for integrating transactional data into Big Data, business models relied on in the past may prove ineffective and the business will suffer."

Attunity's Ankorion was also quick to quip that yes, with respect to Big Data, "it's time for companies, particularly those running mission-critical applications on HP NonStop systems, to get on the Big Data train or get left behind. And yes, Attunity can help." My opinion paper about Attunity and Big Data should be out shortly and I will make sure an update is provided through the various LinkedIn groups I am associated with – a link to where to download it from will be included at that time. And watch, too, for new posts to the Attunity blog.

Should you have attended GTUG, I hope you took the time to stop by the Attunity desk to get an update on what they are doing with Attunity Replicate when it comes to supporting Big Data. Of course, Attuiny being that close to IR, I hope you also managed to get their perspective on Big Data usage as well. The more I have written about how middleware vendors are working with Big Data the more I am aware of the surprised expressions I observe from customers – but it is a major focus of business as they seek even greater productivity from IT even as they push for even greater cost savings.

The vendors really turn out whenever there is a major RUG event like we have seen with this week's GTUG. The investments that they all make are viewed as money well spent as they get to hear requirements directly from customers. Unfiltered and undiluted. There are very legitimate reasons why some just cannot make it – but they all value the opportunities such gatherings provide and the effectiveness of face-to-face conversations with the NonStop community. And I trust you took the time to stop to say Hi! as I passed by, or as you caught up me over coffee – after all, it was HP BCS Senior VP and General Manager, Martin Fink, who made the comment recently that when it comes to the NonStop user community it is far less a traditional user group and more like a family.

And who is to argue with that nearly four decades on ...

Richard Buckle
Founder and CEO

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

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

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 you are welcome to carry some goodies for the customers. There should a prize draw for main ones.

Yves Tournier

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