On 9th of May BITUG returns to Trinity House for the 2018 Big SIG

CHAIRMAN'S CHAT
Welcome to the Spring 2018 BITUG Newsletter

How time flies... our Big SIG event at Trinity House, London, is already upon us.

We at the BITUG committee are very excited as usual prior to this year's flagship event.

Don't forget if you are in London on the Tuesday evening before Big SIG please join us for our Beer Bust event starting from 18:00. This social / networking event will be held at The Liberty Bounds pub, 15 Trinity Square, just around the corner from Trinity House where we will be on Wednesday. This location will be familiar to past attendees of BITUG events as it has been used before for the Beer Bust.

The Beer Bust event is kindly sponsored by some of our Vendor members, specifically XYPRO, CSP, NTI, Comforte and Rocket Software, many thanks to those Vendors as ever, come along meet up with the BITUG committee, HPE NonStop Vendors, and old NonStop friends to drink beer, network and have a nibble to eat. But don't drink too much (that's the job of the committee lol) as the Big SIG main event starts at Trinity House from 08:30 on Wednesday 9th. Our exciting first keynote from founder and ex-CEO of Avanti communications starts promptly at 09:00.

To get more information about Big SIG and to see the latest agenda please visit the following page on the BITUG website www.bitug.com/big-sig

We have prepared a packed agenda for Big SIG; Iain Liston Brown (HPE) will present HPE NonStop product updates and roadmaps in the morning and after lunch Tom Vrouw (HPE) will present an overview and update on the emerging HPE Virtualised NonStop offering.

Neil Barns (Lloyds) and Rick Stather (representing CGI Norway) will also be presenting "user" focused sessions. Neil will be discussing "Firmware update strategy on NonStop" and Rick will present "Shadowbase tips and tricks". Many thanks to both of you for volunteering to present these stories. User stories and presentations, like these are gold dust for user groups like BITUG and we are always keen for members to present "user stories". So, any of our members have any interesting NonStop related stories, experiences or implementations they would like to present then please get in touch via the contacts page on the website or speak to a member of the committee at the Beer Bust or Big SIG itself.

On top of the Avanti Keynote and the user presentations mentioned we will have the usual packed schedule of product presentations from the Vendor community. Many thanks to all our partners for helping fund our events so we are able to keep attendance free for our end user members and also for continuing to bring interesting and relevant content to our membership. Many thanks especially to HPE for sponsoring Lunch and to NTI and Connect for sponsoring the coffee breaks.Unfortunately, the composition of the BITUG committee has become far too vendor focused over recent years. We are always on the lookout for new end user volunteers to work on the committee, so if you are an end user of HPE NonStop systems and fancy joining the BITUG committee then again please do get in touch.

Talking of BITUG committee news, Matt Whiteman (end user) has left the BITUG committee and I myself (end user) will be leaving during 2018, so that means we have 2 slots available to prospective new committee members. By the way it helps if you don't mind doing a presentation or two while you are at it. Places on the BITUG committee are limited and slots don't come up often so do not miss this opportunity to help shape your BITUG over the years to come.

Damian Ward
Vocalink-Mastercard
2018 BITUG Chairman

BITUG
BIG SIG 2018

DATE: 9th May 2018
VENUE: Trinity House, Trinity Square, London EC3N 4DH

SESSION PREVIEWS

OPENING KEYNOTE: ROLE OF COMPUTING IN THE NEXT GENERATION SPACE SATELLITE NETWORKS
Speaker: Barry Ross, Avanti Communications

KEYNOTE: MULTI FACTOR AUTHENTICATION - MAKE IT EASY. DO IT RIGHT!
Speaker: Callum Barclay, CSP

Synopsis: Multi-Factor-Authentication is becoming more of a critical requirement (PCI 8.3, GDPR) for any application that has access to the cardholder environment. From legacy Pathway applications to the latest RESTful interfaces, effective MFA must be provided for tools and applications that have the potential to access this environment. Chief Technical Officer, Callum Barclay, will present CSP's latest solution for MFA on NonStop, which was born out of our Protect-X development. Built for universal application and system access users can easily implement one or many secondary factors including token-based systems such as RSA or similar providers. By proving a simple hook and API, MFA can be easily brought to legacy NonStop applications and other system

utilities into the NonStop world.
Bio: As the original founder of CSP in 1987, Callum Barclay leads the technical direction of the company from its headquarters outside Toronto, Canada. Originally from Edinburgh, Scotland, Callum is now leads the New Technologies Group within CSP focused on bringing pioneering security and compliance solutions to HP NonStop customers.

VENDOR PRESENTATION: XYPRO
Speaker: Steve Tcherchian
TITLE: PROACTIVE RISK MANAGEMENT – HOW NAVY FEDERAL CREDIT UNION STAYS AHEAD OF THE THREAT
Synopsis: Proactive risk management, control and visibility into your HPE

Tuesday May 8th		"BEER BUST" - Liberty Bounds Pub, 15 Trinity Square (next door to Trinity House) - kindly sponsored by XYPRO, CSP, NTI, comforte and Rocket Software		
18:00	21:00			
Wednesday May 9th		**Track #1 Court Room (80)**	**Track #2 Pepys Room (45)**	**Track #3 Luncheon Room (30)**
08:30	09:00	Registration, Welcome and Coffee (Library)		
09:00	09:45	Keynote: Barry Ross (now CEO at e2egroup) and founder of Avanti Communications (Court Room) — Role of Computing in the Next Generation Space Satellite Networks		
09:45	10:30	CSP Security - Callum Barclay (Court Room) — Multi-Factor Authentication on NonStop - Make it easy. Do it right!		
10:30	11:15	XYPRO - Steve Tcherchian — Proactive Risk Management – How Navy Federal Credit Union Stays Ahead of the Threat	Idelji - Prathima Sidda — Integrated and Automated Operation Management Solutions	NuWave - Todd Barth — The move to APIs: Using REST with HPE NonStop Applications
11:15	11:30	Coffee & Networking - kindly sponsored by Comforte (Library & Exhibition Area)		
11:30	12:30	HPE - Iain Liston-Brown (Court Room) — HPE Update including Hardware and Software roadmaps.		
12:30	13:15	OmniPayments - Jessica Nieves — How to Build an Application with 99.99999% Availability	Canam/TIC Software - John Russell & Phil Ly — Extend NonStop Applications with Cloud-based Services	Rick Stather (CGI Norway) — Shadowbase Tips and Tricks
13:15	14:15	Lunch - kindly sponsored by HPE (Library & Exhibition Area)		
14:15	15:15	HPE - Iain Liston-Brown (Court Room) — HPE Virtual NonStop Overview and Product Update		
15:15	16:00	comForte - John Bycroft — Dealing with Risk & Compliance to secure your growth	tbc — tbc	ETI-NET - Benoit Caron — Latest on NonStop Backup Products
16:00	16:15	Coffee & Networking - kindly sponsored by NTI (Library and Exhibition Area)		
16:15	17:00	Insider Technologies - Karl Gilbank — MultiBatch 9.5 = Next Generation Batch Processing	Neil Barnes (Lloyds Banking Group) — NonStop Firmware updates strategy	IBM - David Ward — NonStop MQ v8 Update
17:00	17:15	Roundup and Prize giving — BITUG Committee		

NonStop infrastructure is the ideal way to protect your company's assets and reduce the risk of loss through insider threats, misuse, non-compliance and security breaches. Join Kelvin Anderson, Navy Federal Credit Union as he discusses the future a new generation of comprehensive, NonStop security solutions designed to provide you with a single pane of glass approach to control and to contextualize NonStop security through intelligence, policy management, data protection, risk management and security analytics. http://www.connect-community.org/2017-nonstop-tbc-presentation-downloads/protect-proactive-risk-management-how-navy-federal-credit-union-stays-ahead-of-the-threat
Bio: Steve Tcherchian, CISSP, PCI-ISA, PCIP is the Chief Information Security Officer and the Director of Product for XYPRO Technology. Steve is on the ISSA CISO Advisory Board, the NonStop Under 40 executive board and a member of the ANSI X9 Security Standards Committee. A dynamic tech visionary with over 15 years in the cybersecurity field, Steve is responsible for strategy and innovation of XYPRO's security product line as well as overseeing XYPRO's risk, compliance and security to ensure the best experience to customers in the Mission-Critical computing marketplace.

VENDOR PRESENTATION: IDELJI
Speaker: Prathima Sidda

TITLE: INTEGRATED AND AUTOMATED OPERATION MANAGEMENT SOLUTIONS
Synopsis: This presentation will include our solutions for Integrated and Automated Operation Management.
Web ViewPoint Enterprise and Remote Analyst offers an automated operation and performance management solution for NonStop systems. Learn more about analysis of EMS activity, storage management, capacity planning, proactive monitoring and in depth analysis.
Bio: Prathima Sidda dove into the NonStop world right after college. In a relatively short span of time, she has risen to manage the Quality Assurance team and Customer Relations at Idelji. She also liaisons with HP's NonStop Manageability product management and GNSC teams to deliver customer satisfaction across 18 Performance and Operation Management products.

Vendor Presentation: NuWave
Speaker: Todd Barth
TITLE: THE MOVE TO API'S: USING REST WITH HPE NONSTOP APPLICATIONS
Synopsis: As technology evolves, so does the software that supports it, and RESTful APIs are becoming more commonplace in our ever-changing NonStop landscape. Programmable Web statistics show that over 80% of all APIs in use today are RESTful, and there has been a massive surge in REST API

EVENTS CALENDAR

**BIG SIG
BEER BUST**
DATE: 8th May 2018
TIME: 6-9pm
VENUE: The Liberty Bounds, Tower Hill, London

BITUG BIG SIG
DATE: 9th May 2018
VENUE: Trinity House, Tower Hill, London, EC3N 4DH

GTUG EUROPEAN NONSTOP HOTSPOT
DATES: 14-16th May 2018
VENUE: The Westin Hotel, Leipzig, Germany

NONSTOP TECHNICAL BOOTCAMP
DATES: 11-14 Nov 2018
VENUE: Hyatt Regency, San Fransisco Airport, California, USA

BITUG EDUCATION DAY
DATE: 11th Dec 2018
VENUE: HPE offices, London

BITUG LITTLE SIG
DATE: 4th Dec 2018
VENUE: Lloyds Bank, London

eBITUG EUROPEAN NONSTOP SYMPOSIUM 2019
DATE: 13-15th May 2019
VENUE: Sheraton Grand Hotel, Edinburgh

development in the last couple of years. Nuwave will show you how to integrate your NonStop applications with REST Web services bringing the full benefit of public and private services into your NonStop applications through several demonstrations of NuWave's LightWave product suite.

Bio: Todd Barth is the Regional Sales Manager for NuWave Technologies and has over 20 years of enterprise software sales experience working for leading middleware, integration and database technology companies.

VENDOR PRESENTATION: OMNIPAYMENTS
Speaker: Jessica Nieves
TITLE: HOW TO BUILD AN APPLICATION WITH 99.99999% AVAILABILITY

Synopsis: The OmniPayments Financial Transaction Switch thrives within the demands of a 24x7 world. It delivers real-time, continuously available payments services that optimize each user interaction for OmniPayments' financial and retail customers. Our Switch doesn't deliver five or six 9s availability. Instead, we offer the competitive edge of seven 9s availability - only 3.1536 seconds of downtime per year. Whether our clients take advantage of our standalone Switch or a pay-for-use instance in OmniCloudX, available to them is our entire suite of flexible solutions, all built on a secure, active/active architecture. OmniPayments systems in production today process 1 billion transactions per month via ATMs, point-of-sale (POS) systems, and web/mobile applications. How we succeed in

this 24x7 environment is the focus of our presentation.

Bio: Jessica Nieves joined OmniPayments in 2015 as Vice President, Client Services after over 14 years of experience in the transaction processing industry. She began her career as a software developer at Banco Popular de Puerto Rico (BPPR), has been managing development, strategy, and operations of various Banking Delivery Channels and Payments systems over the past 10 years at Evertec. Jessica now leads OmniPayments' Client Services and Operations. jessica@omnipayments.com
Photo: (see dropbox)

VENDOR PRESENTATION: CANAM/ TIC SOFTWARE
Speaker: John Russell & Phil Ly
TITLE: EXTEND NONSTOP APPLICATIONS WITH CLOUD-BASED SERVICES

Synopsis: Cloud computing provides an ideal framework for developing microservices and extending the capabilities of NonStop solutions. In this session, we will discuss some of the managed services available from Amazon, and how Canam Software's Data Loader and Thunder Suite tools provide a gateway to Amazon Web Services (AWS) for data replication tools such as Shadowbase and NonStop applications.

Bio: John Russell joined Canam Software Labs in 1998 as a member of their consulting services team. He has worked on software projects as architect, developer, support analyst and project manager. In 2007, he took on the role

of Product Manager and is responsible for Canam Software's suite of products including Thunder Suite for NonStop.
Photo: (See dropbox – John and Phil's photos)

USER PRESENTATION:
Speaker: Rick Stather, CGI Norway
TITLE: SHADOWBASE TRICKS. A 'SWISS ARMY KNIFE' GUIDE TO REPLICATION/RECOVERY

Synopsis: This presentation will guide you through the Shadowbase tools 'SOLV' and 'Compare' and how they were used in a real life data recovery scenario. The presentation covers SOLV loading database tables where records are missing on your DR box - without the need for stopping replication or closing down your application(s).
It will also take you through the Compare tool and how it can be used currently for comparing records in a SQL table and how future versions will even let you put missing records into an output file that can later be used for loading the missing records into your DR box.

Bio: Rick has 30+ years exposure to NonStop, both as an Application and System manager and is currently managing several machines in the Nordic region.

VENDOR PRESENTATION: COMFORTE
Speaker: John Bycroft
TITLE: DEALING WITH RISK AND COMPLIANCE TO SECURE YOUR GROWTH

Synopsis: The significant increase in data breaches, whether caused by outside

THANKS THE FOLLOWING VENDORS WHO WILL BE EXHIBITING IN THE VENDOR FAIR

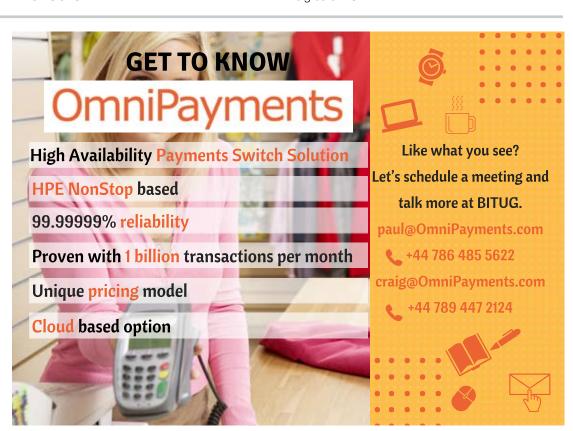attackers or accidently by people from within, has put the topic of data security high up on the priority list of almost every CISO, CDO or CIO. Compliance and regulations are further pushing the need for a solid data protection strategy. According to Gartner Research, more than 60% of organisations will not be prepared for GDPR in time by May 25th 2018, when the regulation goes into effect. Learn in this session how to reduce the risk of data breaches and how to prepare your organisation to meet compliance requirements like PCI DSS and GDPR – on the NonStop and for the Enterprise overall.

Bio: John Bycroft has a strong vertical market track-record in Finance, banking and retail payments systems; including atm, point of sale, SWIFT, AML, Sanctions Compliance, Cash and Liquidity management.. John is also an authority on Retail Payments Systems, SWIFT systems, Fraud detection and management, Treasury Systems, Risk Management and Liquidity. Since 2015 John works for comForte in Sales and Business Development EMEA.

VENDOR PRESENTATION: ETI-NET
Speaker: Benoit Caron
TITLE: LATEST ON NONSTOP BACKUP PRODUCTS

Synopsis: Do you know what products ETI-NET is offering to meet your NonStop backup needs? Have you heard of the newest backup offering designed for Virtualized NonStop? Are you ready to take advantage of the latest backup improvement? No worries if you don't know the answers to these questions. This session will bring you up-to-date with ETI-NET backup offering for NonStop
Bio: Benoit has been working at ETI-NET for 17 years, before that he was working on gaming applications as product manager. He is now the product manager for BackBox.

VENDOR PRESENTATION: INSIDER TECHNOLOGIES
Speaker: Karl Gilbank
TITLE: MULTIBATCH 9.5 – NEXT GENERATION BATCH PROCESSING
Synopsis: Portability, Predictability, Performance. Now with DR built-in and new Crontab facilities, MultiBatch increases efficiencies, reduces risk and lowers overhead cost in complex batch environments.
Bio: Karl Gilbank is an accomplished executive with over 20 years experience in leading high growth global tech firms. Karl is responsible for the management of Insider Technologies - a leading big data MSP.

TAND SOFT NEWS

IDENTIFY AND PROTECT YOUR SENSITIVE DATA WITH SEAMLESS INTERCEPTION

Interception technology allows a NonStop customer to log or audit database access calls in order to identify who is accessing sensitive data as well as to protect that data via encryption/tokenization algorithms. Seamless interception permits such transactions without the need for any application modifications, of particular importance when the source code is unavailable. This TANDsoft article is derived from the Boot Camp 2017 presentation of the same name. It introduces readers to the basics of interception technology and the role it plays in identifying and protecting sensitive data-at-rest written to Enscribe, SQL/MX, and SQL/MP databases. Offered are real-world examples of where seamless interception is at work in the security space and what NonStop security solutions currently exist from HPE and third-party providers.

https://bit.ly/2KiKr2Z

AVAILABILITY DIGEST

EFFORTS UNDERWAY TO REBUILD HP ARCHIVE DESTROYED IN WILDFIRE

By Dr. Bill Highleyman, Managing Editor, Availability Digest - billh@sombers.com

An archive of historical documents created by Hewlett-Packard founders William Hewlett and David Packard was destroyed in October 2017 by a devastating wildfire in Sonoma County, California, USA. Unfortunately, none of the documents had been backed up. No paper backup, no photographic images, nothing digitized. Included in the loss were over 100 boxes of speeches, correspondence, and other records from 1937 to 1995. The contents documented HP's evolution from the beginning of the electronics industry. Valued at USD $2 million, they represented the heart of HP historic activities.

Despite the loss, efforts are underway to rebuild the historical narrative thanks to the dedication of archivist Karen Lewis, and she is asking for assistance from the HP community.

The WildFires

The Sonoma Valley fires were among a series of 250 Northern California blazes in early October 2017. Twenty-one of the fires became major blazes, among them the Tubbs Fire, which grew to become the most destructive wildfire in California history. It was the Tubbs Fire that destroyed the archives. HP had not made the existence of this cache of documents widely known, and it restricted access. As such, many of the documents lost in the fire had never been made available to researchers. Consequently, the fire consumed a significant piece of the test industry in which HP made its start.

This particular cache of material was stored on the campus of Keysight Technologies in Santa Rosa, California. In 1999, HP migrated its test and measurement division into a new company, Agilent Technologies. Keysight is the offspring of Agilent, which created the new venture in 2014. Today, Keysight is a publicly traded business that manufactures electronic test and measurement equipment and software.

Keysight maintains that it took appropriate steps to protect the archives. It claims that it met the standards for archival protection as set forth by the United Nations and the U.S. Library of Congress. It packed the material in damage-resistant archival boxes and stored them on steel shelving in modular buildings with sprinkler systems. Sadly, the fire was so fierce that it even melted some fire-resistant safes.

Rebuilding the Lost Archives

Karen Lewis began working as an HP corporate archivist in 1987, when she was hired to index some unorganized boxes in preparation for HP's 50th anniversary in 1989. By the time she left HP in 2000 to join Agilent Technologies as its Director of Global Media Relations, Karen had indexed much of the collection and was in the process of determining what needed to be saved for posterity. Karen says that she has identified most of what was lost. Perhaps the most heartbreaking loss for her were the carbon copies of all of David Packard's outgoing correspondence, stored with the replies he received. Fortunately, the oral histories still exist. In the past, Karen had hired someone to textualize the recordings of David Packard's speeches; and she has the material in her possession. As for restoration of the destroyed archive, annotated indexes do exist "box by box, folder by folder." Copies are stored throughout the world on a variety of computers, both personal and corporate; and Karen has assumed the task of compiling whatever material she can locate. One final piece of good news. A large chunk of HP archives was not destroyed by the wildfire. The majority of documents, etc., were stored elsewhere and exist both in physical and digital formats. Archives held by HP were not impacted. The company uses a facility in Atlanta, Georgia, for its corporate archives.

Can You Help?

For more information about Karen and her efforts, read "Labor of Love: Re-creating the burned up HP archives," a recent article in the IEEE Xplore® Digital Library. https://bit.ly/2GhQW7I Read "California Fires Destroy HP Archives" in the Availability Digest for additional information about the fires. https://bit.ly/2E3R3Oj
Anyone with documents or information that may be of value to Karen are asked to contact her at karenrlewis@gmail.com

GRAVIC
NEWS

NEW WHITE PAPER AND USE CASE WEBSITE SECTION

An Gravic published a white paper, "Switching Replication Engines with Zero Downtime and Less Risk" on how a data replication engine can be changed/upgraded without taking either the application or the database offline. HPE Shadowbase software offers several methods to solve these problems:
• Version Independence (avoids interoperating different software versions)
• challenges when utilizing two or three nodes (for partial hardware migrations)
• challenges when utilizing four nodes (for full hardware refresh)
• bi-directional environment (keeps all nodes synchronized during the migration)
HPE Shadowbase Zero Downtime Migration can upgrade applications, database schema formats, file and table locations or indices, operating systems, and refresh hardware. Properly undertaken, a data replication engine migration imposes no downtime on applications/users, and all databases remain accessible, consistent, complete, and current during the process. To read the paper: bit. ly/2DsNDoK

Gravic published a new Use Case section (shadowbasesoftware.com/use-cases/) on its Publication website pages featuring the most popular enterprise HPE Shadowbase use cases in the following categories:
• business continuity
• data integration
• application integration
• zero downtime migrations
• zero data loss
• asymmetric capacity expansion
HPE Shadowbase use cases solve data replication and integration problems for various financial, industrial, healthcare, and telecommunication enterprises for a variety of environments:
• HPE NonStop, Linux, Unix, and Windows platforms
• Enscribe, NonStop SQL, Oracle, SQL Server, Sybase, MySQL, DB2, and other databases
We hope that you enjoy visiting this new section and refer to it often. HPE Shadowbase is sold and supported by HPE, or contact us at shadowbase@gravic.com for additional information.

BITUG
COMITTEE

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Brightstrand International

Robert Waldron
Barclays

Neil Barnes
Lloyds Banking Group

Your Name Here!
BITUG is looking for new end-users to join the committee and help steer BITUG for the years to come - get in touch!

Ensuring growth
confidence
security

comforte is empowering organizations to secure their growth with leading solutions for data protection, digital payments, and unlocking value from HPE NonStop Systems.

comforte
Secure your growth

Don't miss:
„Dealing with Risk & Compliance to secure your growth"
John Bycroft, May 9 at 15.15 in Court Room

Hewlett Packard
Enterprise

HPE NONSTOP NEWS

HPHIBERNATE 5.0.12

HPE NonStop Enterprise Division is pleased to announce the General Availability of Hibernate dialect for version 5.0.12 on HPE Integrity NonStop X, Virtualized NonStop and NonStop i systems

Hibernate is an Object-Relational Mapping (ORM) framework that simplifies the development of JDBC application code dealing with database interactions. It provides database abstraction that enables an application to work seamlessly across various databases that expose standard JDBC interfaces. It provides query facilities and application programming interfaces (APIs) to generate the SQL calls necessary to execute Create, Read, Update, and Delete operations on databases.

HPE NONSTOP MARS

HPE NonStop MARS is a safer and more productive way to reload NonStop databases to ensure peak performance. Notably, MARS supports all NonStop database types, SQL/MX, SQL/MP and Enscribe and is an independent product available across all current NonStop platforms such as NonStop i, NonStop X and Virtualized NonStop.

HPE NonStop MARS is an important solution because normal application processing causes, over time, the internal structure of databases to become disorganized, which increases IO overhead, hampers application performance and wastes disk space. MARS safely and efficiently reorganizes databases for optimal performance and recovers unused disk space. Furthermore, execution of MARS can be completely automated, saving operator or DBA time for other tasks.

HPE NONSTOP SQLXPRESS

HPE NonStop SQLXPress brings advanced database administration capabilities in support of our NonStop SQL database offering. The product supports both SQL/MP and SQL/MX which makes it the ideal tool for customers who need to migrate from SQL/MP to SQL/MX, benefiting from a graphical interface that makes adopting SQL/MX easy, simple, less risky and with a dramatically reduced learning curve for DBAs and operators.

HPE NonStop SQLXPress brings a set of security features such as auditing, access control, encryption and multi-factor authentication which are becoming generic de-facto requirements when it comes to enterprise's most sensitive asset: data.

HPE NONSTOP VIRTUALIZED BACKBOX SOFTWARE

HPE has announced the controlled availability of HPE NonStop virtualized BackBox software. This new BackBox product is designed for the HPE Virtualized NonStop (vNS) systems. It is deployed in a Virtual Machine (VM) running Windows Sever 2012 in a private cloud. Virtualized BackBox provides three virtual tape devices which can either be used by a single vNS system or shared by up to three vNS systems.

HPE NONSTOP WEB VIEWPOINT ENTERPRISE

HPE has announced the general availability of HPE NonStop Web ViewPoint Enterprise software. Web ViewPoint Enterprise offers an automated operation management solution for NonStop X, NonStop i and Virtualized NonStop systems. Its browser independent design enables access to NonStop systems from anywhere and any device.

Web ViewPoint Enterprise's Event Management module helps with monitoring real-time EMS events from one or multiple EMS collectors running on one or more NonStop servers. It facilitates viewing all messages on a single window or multiple windows side by side.

The Web ViewPoint Enterprise operations management toolset allows you to monitor and manage a multi-node NonStop system environment from a single point. It simplifies the underlying NonStop operational toolset syntax requirements through easy-to-use point-and-click command and control features. Automation can notify users of exceptions the moment they happen, and take immediate action to help resolve them. Using a smart calendar based algorithm, it can be tailored to implement different automation and reaction policies for different times and weekdays.

The performance monitor provides an online subsystem that monitors continuously and enables you to receive and display current performance metrics. In short, it puts together the performance metrics on all your NonStop systems in a summary format providing the real-time health of the neighbourhood. Performance summary and detail page displays all of information ranging from CPU performance, process, disc, NonStop Transaction Management Facility (TMF) metrics. CPU monitoring provides a color-coded busy condition and a drill-down feature that provides details for problem analysis on bottlenecks and response-time issues.

Optionally, Web ViewPoint Enterprise can maintain an active and integrated link to HPE's Remote Analyst cloud based solution. This enables users to analyse the full history of system components at a click of a button.