O AUTUMN 2009

BITUG News

ADDRESSING THE NEEDS OF UK HP NONSTOP USERS.

Chairman's Intro

As thoughts turn towards Christmas, we at BITUG start looking at our final event of the year. It has been the case that as in previous years we have saved the best 'til last, and this year is no exception.

THE BIG SIG IS COMING!

Education Day - Tuesday 2nd December
Evening Event – Tuesday 2nd December
BIG SIG - Wednesday 3rd December

More details later in this newsletter, on our website www.bitug.com or on our new Twitter site twitter.com/BITUG

This year is different in that we are no longer working alone, we have been working hard with HPUG and Connect to ensure that you will have a worthwhile day at the BIG SIG and we already have HP, vendors and user presentations lined up, along with the usual vendor stands, and HP's road map presentation. As you will see on the agenda, we come together with HPUG for the keynote presentations, and then we have our own separate presentation tracks.

Both user groups are committed to make this work but want to retain their independence and agree that we will:

- maintain our own identities and
- have separate streams for each User Group and
- have joint sessions where there is overlap.

The Institute of Directors (IOD) is a very impressive venue and we have tried to keep all the main events on one floor. To maintain the atmosphere of the surroundings, the IOD have a business casual dress code, so no trainers, jeans or T-shirts please.

I hope to see you on 2nd and 3rd December at one of the largest national get-together's of HP NonStop user groups, and I hope you enjoy reading the rest of this newsletter

Finally, I would like to let everyone know that Dave Russell has had to resign from being the HP liaison to our group as he has left HP. We are sorry to see him go and wish him well for the future. We welcome Iain Liston-Brown as our new HP liaison.

I can be contacted on Chairman@bitug.com. Feel free to contact me if there is anything you would like BITUG to do. BITUG - probably the best RUG in the world !

Neil Barnes, BITUG Chair 2009

>> Proven NonStop 24/7 leadership in a BladeSystem

NonStop takes another leap in Clustering

BladeCluster Solution is a combination of new clustering hardware and associated software that delivers a major leap in NonStop's traditional clustering capability. BladeCluster Solution makes it easy to cluster multiple NonStop systems, also called nodes, together in a tight interconnection using NonStop's ServerNet III technology. This clustering technology provides the ability to cluster up to eight nodes within a data center and up to 125 meters between nodes. This local clustering is called a zone.

The Cluster Switch is designed to interconnect HP Integrity NonStop BladeSystems as well as the NS16000 server family. The performance of the BladeCluster Solution can be up to 16 times the previous NonStop ServerNet clustering approach. Now, that's a heck of a leap!

BIG SIG

2nd/3rd December 2009

Following the success of BIG SIG 2008, BITUG is again holding the popular BIG SIG format—this year at Institute of Directors at 116 Pall Mall in London.

Mark the date in your diary for Europe's premier HP NonStop User event set to include the following:

- **On-site NonStop Blade system for up close and personal demonstrations.**
- **Full details of HP's roadmaps for NonStop software and hardware.**
- **Presentations from users, HP and vendors**
- **Vendors exhibition area.**
- **Good, old-fashioned networking with your peers.**

BIG SIG on **twitter** see — twitter.com/BITUG

This years "**BIG SIG**" consists of three independent events – and BITUG members can attend any or all of them for FREE !

Wednesday Dec 2nd Education Day at Wood Street. HP's Bert Van Es will take you through a one day NonStop CLIMS workshop
That evening (Dec 2nd) sees a social event. Details are still being finalised but we anticipate holding an event at IoD premises in Pall Mall.

Thursday Dec 3rd The main event - the **"BIG SIG"** itself—in conjunction with HPUG and Connect. See below for details of the 2 BITUG and 2 HPUG streams—something for everyone here!

CONNECT
Your Independent HP Business Technology Community

hp UG
The Independent
HP User Group

BITUG & HP-UG Connect Summit - Working Together - 3rd December 2009

Time	TRACK 1 Burton Room	TRACK 2 Trafalgar 2 Room	TRACK 3 Waterloo Room	TRACK 4 St. James 1 Room	TRACK 5 Trafalgar 1 Room
09:00	Registration & Coffee Nash Room				
09:30	Plenary Sessions in the **Burton Room** Welcome from Neil Barnes, BITUG Chairman and Ian Severn, HPUG				
09:40	HP Strategy and System & Software Roadmaps, Kirk Bresniker HP BCS CTO (TBC)				
10:30	Consultant Keynote, Phil Hickman, Chairman of Validsoft and Associate of the Institute of Financial Services				
11:10	Coffee & Vendor Fair Nash Room				
11:40	ACI: Agility in Payments	BITUG: Open Source & Application Modernization Moore Ewing, HP BITUG User Case Study: 1 BoE Itanium Migration	Bladed Storage Derek Cockerton, HP	SAN Analysis, Monitoring & Optimisation GCH Test & Computer Services Ltd	Dennis Adams
12:40	Lunch & Vendor Fair Nash Room				
13:50	BITUG: NonStop Platform Update Iain Liston-Brown, HP	BITUG: NonStop Systems Management Modernization Steven McLean/Keith Charters, HP BITUG User Case Study: 2: VocaLink Active/Active Deployment	NHSBT Disaster Tolerant Case Study Colin Butcher, Xdelta / OCSL	Generix	HP Software Alex Wilson
14:50	Coffee & Vendor Fair Nash Room				
15:20	BITUG Vendor Presentations 1 & 2	BITUG Vendor Presentations: 3 & 4	Business Service Management Denver Technology	HP Green Computing Bruno Zago, HP	Attunity Martin Hamilton
16:00	BITUG AGM & Q&A **(Burton Room)** Moderator Neil Pringle, HP		HPUG Q&A **(Waterloo Room)** Moderator Marc Waters, HP		
16:20	Plenary Session in the **Burton Room** Closing keynote - Marc Waters HP UK				
16:50	Closing Comments and thanks - Ian Severn/Neil Barnes				
17:00	Event Close				

Recent SIG Reports

Business Continuity SIG—8th July 2009

Sincere thanks to all the presenters; Dave Gibb from HP for an eleventh hour call up, Kevin McGeough for a DR update from HP, Ron LePedis from Seacliff Partners - presenting via an early morning Web-ex from the USA, product updates and world wide DR trends from GoldenGate and NTI, Jim Tomaney from Barclays, Neil Barnes for his Chairman feedback from HPTF and of course special thanks to Dave Russell and HP for the use of the facilities and the all important refreshments.

NTI sponsored a prize draw at the SIG, with the prize scheduled to be "a" HP Mini Lap top. Towards the end of the SIG, the prize draw was made and the name selected was Jim Tomaney of Barclays! - This made proceedings tricky as the "rule" was that in order to claim the prize the individual had to be in the room and Jim had had to leave early! The room was asked for an opinion and a unanimous and over riding YES to Jim being able to claim the prize was made! (well……………something like that! - it probably helped that his excellent presentation on BC whilst migrating an application from IBM to NonStop, was very well received!).

However, in a sporting gesture and in honour of fairness to the people who had remained in the room, Jim McFadden (NTI's Business Director) offered a 2nd HP Mini to be drawn and this time Gavin Brewer of the Bank of England was the lucky winner!

NonStop, no stopping us now! The momentum was there and Jim McFadden once again offered a 3rd HP Mini to be drawn. This time Mr. Dave Russell of HP was asked to pull a business card out of the pile and Mr. Neil Barnes's card was drawn! (I know!!!! Chairman Barnes!!!)

And so congratulations go to: Jim Tomaney (Barclays), Gavin Brewer (B of E), Neil Barnes (Lloyds) - All of whom will receive an HP Mini in the post

Security SIG—8th October 2009

Thursday the 8th of October saw the BITUG Security SIG, held at Hewlett Packard's Wood Street offices in Moorgate - many thanks to HP for providing the facilities, food and refreshments.

The day was attended by around 25 people, mostly representing UK financial organisations. The introductions showed that most people were in attendance for an update on general NonStop security trends and to see what HP and the vendors had to offer.

The day started off with a Connect/GTUG update (European NonStop event in Germany on 18th and 19th November, with optional Security Workshop on the 20th). The two day conference element appears to have a feature-packed schedule of ten different tracks. For any non-German speakers considering a visit, just one of those tracks is in German, so the vast majority will be in English and ideal for international visitors. A preliminary list of activities/timetable is available here http://www.gtug.de/Download/Tagungen/2009_11/Zeitplan_v20.pdf

We're told that a dedicated English website will be available soon, but for now the best place for information on this event is http://www.connect-community.org/event/connect_germany_gtug_gointernational

Next up was an HP Security update from Iain Liston Brown who covered several products (Safeguard, Attalla & CLW).

The slot between coffee and lunch was due to be filled with a presentation from a PCI Qualified Security Assessor (QSA) covering PCI compliance on NonStop, but he had to pull out, so we'll hopefully see that at a later date.

Next up saw an interesting presentation (How to reinvent your life cycle and save millions) by James Tomaney of Barclays. Most of the ears in the room pricked up when he broached the successful move from IBM to NonStop for Barclays' ATM network.

The afternoon saw three vendor presentations; XYPRO's Audit in the Enterprise, then comForte's Single Sign on and 3270 Telnet product news, and finally Extending NonStop System Security by CSP. An interesting point raised was the submissions made to the DataLoss Database website, point your browser toward http://datalossdb.org/ for some rather alarming reading.

Last up was Ron LaPedis' Volume Level Encryption presentation, exploring the various potentials for NonStop data loss and what can be done to prevent the loss and/or encrypt the data.

Application Modernization on NonStop Servers

Application modernization is about improving your business outcomes buy being able to react and deploy IT services more quickly for competitive advantage. Two examples of this modernization are SOA transformation (Service Oriented Architecture) and Open Source application development using Eclipse and SASH.

SOA

SOA represents a significant step forward in the drive to reduce the complexity of heterogeneous environments and remove barriers between business and IT. SOA is not tied to a specific technology. SOA leverages standards and is technology independent, making it a viable approach over the long term, and it greatly reduces time to market for new solutions and services..

In the case of the HP NonStop server, a SOA application service may be an existing or a new application component. It can be implemented using whatever programming model, language and execution environment is appropriate for the application. For example, it could be a COBOL Pathway application, a C NonStop Tuxedo service, a C++ NonStop CORBA object, or a Java application (Plain Old Java Object [POJO]), Servlet, JSP (Java Server Pages) or Enterprise JavaBeans (EJB). Which of these application service models is chosen depends on many factors and is an implementation-specific decision.

HP NonStop SOAP using XML (eXtensible Markup Language) and the SOAP (Simple Object Access Protocol) combined with the SOA Quickstart Service can help organisations transform existing applications, add new functions or deliver new applications quickly and efficiently as a SOA implementation. This is a great way to modernize or enhance existing applications whilst retaining the traditional NonStop virtues of availability and scalability

Eclipse and SASH

At the development desktop level Open Source "Eclipse" has become a de-facto integrated development environment (IDE) from where to develop code in a number of languages, Java being just one. HP NonStop supports Eclipse by providing the native cross compilers plug-ins for C/C++, Cobol, pTAL, with Java already being common to heterogeneous platforms. HP NonStop Cross compilers are available for licensing as Eclipse plug-ins supporting G, H and J series servers.

In order to provide open source framework-based environment for developers wishing to develop enterprise Java applications for HP Integrity NonStop servers, HP NonStop for the Itanium-based servers is providing support for specific open source frameworks knows as "SASH". (Spring, Hibernate, Axis2, myfaceS).

By licensing NonStop Server for Java 5.0 or later for the Java Development Kit 1.5.0 and above and NonStop Server for Java Server Pages 6.0 (NSJSP) for the NonStop implementation of Apache Tomcat servlet container then customers can develop Java applications for the Open Source SASH frameworks.

For more information on NonStop Software visit http://www.hp.com/go/nonstop/

System Management Modernization

Technology migration exercises from S series to Itanium-based Integrity NS or NonStop BladeSystem make an ideal chance to review overall systems management tools.

IT management often look at tools like Viewpoint which are "green screen" and "command line" and think proprietary, specific, non-intuitive requiring dedicated operations staff? Are they asking for common skills and tools to be used? Do they want secure systems management access from any point on the corporate network without having dedicated consoles or workstation software tools? Are they asking to have heterogeneous infrastructure and business service management integration across your server, storage, database and application portfolio? Are you looking for some application and ISV solution management for your NonStop portfolio. Do you need to be able to perform more automated operator responses to events and thresholds, capture performance trends or manage multiple NonStop nodes from a single pane of glass and operator logon?

HP's Unified Infrastructure Management based around HP Systems Insight provides a common interface and tool with single sign-on to help manage HP Server and Storage Infrastructure which is browser based. NonStop Essentials integrates event management, command and control, performance management and inventory reporting into HP Systems Insight.

The Operations Agents for NonStop i.e. OVNM and OVNPM provide stand alone Win32 GUI/browser-based tools and also importantly Enterprise Management Framework Integration (Tivoli, HP Operations Center, BMC Patrol etc) for NonStop servers where command and control, event monitoring, threshold setting, automated actions, and performance reporting and trending can be undertaken. OVNM includes Opencall INS and HLR, ACI Base24 and IBM MQ series management "out of the box".

ASAP provides both Win32 GUI and browser interfaces into setting, monitoring and being able to act upon thresholds and events for you NonStop server and subsystems, including network and TCP/IP. Applications can be instrumented for management as well. A historical database is kept for trending and problem investigation.

For more information attend the System Management Modernization track and the BITUG BIG SIG on 3rd December 2009 or for a list of management tools go to http://www.hp.com/go/nonstop/