



Intel® ESAA eBlast - October 2007

Hello ESAA Members -

We have lots of exciting news to report this month. The ESAA program keeps expanding thanks to the efforts of our member IxVs, resellers and OEMs. See below for more details:



New Caneland-Based Intel® ESAA/Red Hat Recipe Available - ESAA has delivered a RHEL5 OS installation recipe for the Intel® Server System S7000FC4UR (Fox Cove) that includes the RHEL5 certified hardware and software bill of materials. This is the first time ever both MNCs and our channel partners have had to be able to sell a quad socket RHEL certified server at launch. With the help of ESAA and the Red Hat OS pass-thru certification program, our channel partners can sell Caneland-based server solution with RHEL5 and be supported from day one.

Intel® ESAA Program Updates:

- Solutions now available in 12 verticals:
 1. Application/Web Server: Red Hat/JBoss, Oracle, SpikeSource
 2. Backup: Quantum, Sonasoft
 3. Communications/VoIP: Communigate, Critical Links
 4. Database: MySQL, Oracle, Red Hat/JBoss
 5. HPC/Tools: Platform Computing, QLogic, Voltaire, ZResearch, Intel
 6. OS Certifications: Microsoft, Novell, and Red Hat
 7. Remote Access: Citrix, Ericom
 8. Security: Panda, Symantec
 9. Server Management: SyAM, Virtugo, Intel
 10. Storage: EMC, Network Appliance, Intel
 11. Virtualization: Datacore, Novell, Red Hat, SWsoft, Virtual Iron, VMware, Xen Source
 12. Web 2.0: SpikeSource
- Nearly 400 recipes are now available through the ESAA program
- ESAA membership has increased 300% from the beginning of the year
- ESAA team member Madhu Bramharouthu has relocated from Oregon to India in order to work more closely with ESAA members in the APAC and China regions
- A new CoE (Center of Excellence) lab is coming soon in China for ESAA partners to utilize for demonstrating Oracle based solutions
- The ESAA team successfully conducted an ESAA Virtualization Workshop for Australia and New Zealand Resellers
- The following recipes have been made available in the past 2 months:
 - ◊ Wasabi Storage Builder* for IP-SAN Installation Guide - Intel® Storage Server SR212MC2
 - ◊ FalconStor* Software IPStor* on Red Hat* Linux Installation - Intel® Storage System SSR212MC
 - ◊ Z RESEARCH* GlusterHPC* Installation - Intel® Server Board S3000PT
 - ◊ Z RESEARCH * GlusterFS* HPC Installation - Intel® Storage System SSR212MC
 - ◊ Z RESEARCH* GlusterHPC* Installation - Intel® Server Board

Intel® ESAA Member Updates:

FalconStor: FalconStor announced the availability of the certified FalconStor* Continuous Data Protection (CDP) Virtual Appliance for VMware* Virtual Infrastructure on Intel's Quad-Core Intel® Xeon® processor-based Intel® Storage Server SSR212MC2. To learn more, visit <http://www.falconstor.com/en/news/?pg=Releases&ArticleID=479>.

Wasabi Systems: Wasabi Systems announced the availability of the certified Wasabi* Storage Builder.* Wasabi Storage Builder opens up the power and storage possibilities of the Intel® Storage Server SSR212MC2. It is fast, reliable and is equal to storage platforms twice to three times the price. This hardware platform enables a new price/performance class for the small- and medium-sized business (SMB) market. Powered by the quad-core Intel Xeon® processor 5300 series, this new rack mount server can be configured as a broad range of enterprise and small business storage solutions, including Network-Attached Storage (NAS) and IP based Storage Area Network (IP-SAN) also known as iSCSI storage. To learn more, visit: <http://www.wasabisystems.com/intel/>.

Introducing the Red Hat Enterprise Linux (RHEL) Developer Workstation: Intel® ESAA Solution Stack with RHEL5 on Intel® Server Board S5000PAL

The worldwide electronics hardware industry is rapidly implementing one of the most significant transitions in its history, from single-core to multi-core processors. Gartner Research listed multi-core at the top of the "Top 10 Disruptive Technologies 2007."¹ By the end of this year, IDC research predicts that more than 75 percent of the mainstream server, desktop and laptop PC processors will ship as dual-core processors², with four-, eight- and many-cores on the horizon. Within the next two years, every system shipping into the marketplace is expected to have more than one core processors.

The full potential of multi-core systems to deliver great performance and expanded usages is unleashed only when software is designed to take advantage of the full capabilities of the machine. Developers who do not prepare for this new paradigm may eventually get slotted into developing for legacy CPUs or risk performance issues from un-optimized code. It is crucial to architect, develop, and debug the next generation of software for modern, multi-core platforms. So, how do this next generation of system architects and software engineers gain the required skills and knowledge?

The solution: the new RHEL Developer Workstation, an innovative platform that combines the latest generation of Multi-Core Intel® Xeon® processor-based servers running RHEL with Intel's industry leading software development tools, such as:

- Intel® Compilers - the best way to get application performance on Intel® processors
- Intel® VTune™ Performance Analyzers - identify bottlenecks in source code and optimize multi-core performance
- Intel® Performance Libraries - highly optimized, thread-safe, multimedia and HPC math functions
- Intel® Threading Analysis Tools - find threading errors and optimize threaded applications for maximum performance
- Intel® Threading Building Blocks - C++ template-based runtime library that simplifies writing multithreaded applications for performance and scalability
- Intel® Cluster Tools - create, analyze, optimize and deploy cluster-based applications

Customers who will most benefit from the latest offering are:

Native code programmers

- C, C++, Fortran
- Managed Code environments (.NET & Java) are not supported at this time

High Performance Computing

- Research centers, universities, government, space & aeronautics, military, metro & environment, Oil & Gas (exploration)

Digital imaging & Signal processing

- Image processing (photography, medical imaging, geographics, etc.)
- Signal & Sound (music production, telecoms, TV & radio)
- Cinema industry (production 2D & 3D, post-production)

Finance

- Investment banks, stock exchanges
- Insurance, risk management, financial modeling, and algorithmic trading

Industry (manufacturing, chemicals, electronics)

- CAD, CAM, Simulation
- Automobile, aerospace (e.g. crash tests)
- Telecom equipment
- Embedded systems (aerospace, automobile, telecoms, military, gaming)

Software Vendors

- Games
- Enterprise and telecom applications (databases, analytics, large data computes, etc.)

More details to support your customers with this new offering can be found at: www.redhatonintel.com

We hope you find these program updates beneficial and informative. We're always interested in your feedback, so please do not hesitate to contact us at esaamail@intel.com.

Thank you -

Intel® ESAA Team
www.intel.com/go/esaa

¹ <http://www.itpro.co.uk/news/112166/gartner-details-top-10-disruptive-technologies.html>

² IDC Worldwide PC Semiconductor 2006-2011 Market Forecast