Intel® ESAA Newsletter - September 2008

ESAA Case Study: Seneca Data

Learn how Seneca Data, a leading custom computer manufacturer and value-added distributor based in Syracuse, NY, uses pass-through certifications from the Intel® ESAA program to get to market faster.
http://www.esaa-members.com/app/webroot/files/case_study/SenecaData_CaseStudy.pdf

Certification Update

Red Hat* Enterprise Linux* 5.1 pass through certification of Intel® Desktop Board DQ35MP-based desktop system is on hold for some time. A bug was found with RHEL 5.1. A user may encounter kernel panic in 32-bit xen kernel on RHEL 5 if 4GB or more of RAM is installed (https://bugzilla.redhat.com/show_bug.cgi?id=412691). The issue has been escalated to the Red Hat team for further debug. RHEL 5.1 OS pass through certification on the DQ35MP board will resume once the issue is resolved. For more information on certifications, visit http://www.esaa-members.com/index.php/pages/certification/overview.

New Recipes Added – September 2008

278 recipes are now available for download at www.intel.com/go/esaa/. These are the most-recently added:

- VMware* Infrastructure* 3 Installation Guide for VMware* ESXi* 3.5 Installable - Intel® Server Board S5000PAL
- Red Hat* Enterprise Linux 5.0* Installation with Integrated Virtualization - Intel® Modular Server
- NorthSeas* Guard E/N* Vendor-Independent E-Mail Archiving Appliance - Intel® Server System SR1530AH or SR1530AHLX
- Oracle* Real User Experience Insight* - Intel® Server Board S5000PAL
- VMware* Infrastructure* 3 Installation Guide for VMware* ESXi* 3.5 Installable - Intel® Modular Server
- Oracle10g* R2 Database on Microsoft* Windows* Single Instance - Intel® Storage Server SSR212MC2
- Oracle10g* R2 Database on Microsoft* Windows* Single Instance - Intel® Server Board S3200SH
- Oracle10g* R2 Database on Red Hat Linux* Single Instance - Intel® Storage Server SSR212MC2
- Oracle10g* R2 Database on Red Hat Linux* Single Instance - Intel® Server Board S3200SH
- Oracle10g* R2 Database on SUSE Linux* Single Instance - Intel® Storage Server SSR212MC2
- Oracle10g* R2 Database on SUSE Linux* Single Instance - Intel® Server Board S3200SH
- SyAM Software* Server Monitor on a Microsoft* Windows* Operating System - Intel® Server System S7000FC4UR
- SyAM Software* Server Monitor on Red Hat* Linux Operating System - Intel® Server System S7000FC4UR
- SyAM Software* Server Monitor on Microsoft* Windows* Operating System - Intel® Modular Server

- SyAM Software* Server Monitor on Red Hat* Linux Operating System - Intel® Modular Server
- SyAM Software* Server Monitor on Red Hat* Linux Operating System - Intel® Server Board S5400SF
- SyAM Software* Server Monitor on Microsoft* Windows* Operating System - Intel® Server Board S3200SH
- SyAM Software* Server Monitor on Red Hat* Linux Operating System - Intel® Server Board S3200SH
- SyAM Software* Server Monitor on Microsoft* Windows* Operating System Intel® Server Board X38ML
- SyAM Software* Server Monitor on Red Hat* Linux Operating System Intel® Server Board X38ML
- IBM* Lotus Domino* 8.0.x Installation on Red Hat* Enterprise Linux* 5.0 - Intel® Modular Server
- IBM* Lotus Domino* 8.0.x Installation on Red Hat* Enterprise Linux* 5.0 - Intel® Server Board S5000PAL
- IBM* Lotus Domino* 8.0.x Installation on Red Hat* Enterprise Linux* 5.0 - Intel® Server Board S5000PSL
- Open-E* Data Storage Server* - Intel® Server System SR2500AL
- MySQL, Apache and PHP on Microsoft* Windows Server 2003 R2* - Intel® Storage Server SSR212MC2
- VMware* Infrastructure* 3 Installation Guide for VMware* ESXi* 3.5 Installable - Intel® Server Board S5000PSL
- VMware* Infrastructure* 3 Installation Guide for VMware* ESXi* 3.5 Installable - Intel® Server Board S5400SF
- Oracle Enterprise Linux Installation - Intel® Server Boards S5000PAL and S5000PSL
- Symantec Backup Exec* on Microsoft* Windows* - Intel® Server Board S5000PAL and Quantum Storage
- Symantec Backup Exec* on Microsoft* Windows* - Intel® Server Board S5000PSL and Quantum Storage
- Symantec Backup Exec* on Microsoft* Windows* - Intel® Server Board S5000VSA and Quantum Storage
- Symantec Backup Exec* on Microsoft* Windows* - Intel® Server Board S3200SH and Quantum Storage
- Symantec Backup Exec* on Microsoft* Windows* - Intel® Server System S7000FC4UR and Quantum Storage
- Symantec Backup Exec* on Microsoft* Windows* - Intel® Storage Server SSR212MC2 and Quantum Storage
- Intel® System Management Software 3.0 for Intel® EPSD Servers

Intel® ESAA Partner News:

Building Ultra Cost-Effective, High-Productivity, Small-Scale Clusters with Mellanox

For high-productivity or high-performance computing, commodity clusters provide the best cost-effective or cost/performance solution. When designing such clusters, take into consideration all cluster components in order to build a balanced system for achieving the needed performance or efficiency. With the growth in the number of cores per server board, the importance of having the right high-speed interconnect technology is critical.

Mellanox Technologies* provides a variety of InfiniBand* interconnect solutions to meet the different requirements of different cluster setups and application workloads. For cost-effective compute clusters or for entry level high-performance computing systems, Mellanox provides very low-cost 10Gb/s InfiniBand interconnect solutions that provide exceptional throughput, low latency of 3us latency, and low CPU overhead. For more information, please refer to http://www.mellanox.com/products/infinihost_iii_lx_cards_mhes14.php.

For more information on Mellanox's full line of InfiniBand products, please visit www.mellanox.com.

StorMagic Update

Transtec, an Intel Premium Provider based in Germany, recently announced the Provigo 300* IP Storage device. The Provigo leverages StorMagic's iSCSI SM Series software and standard Intel hardware for this iSCSI SAN. By adding StorMagic's solutions to its product portfolio, Transtec is able to address the rapid growth opportunity for iSCSI-based SAN solutions in the small-to-medium business marketplace. StorMagic's SM Series allows these organizations to leverage enterprise-level functionality without the complexity traditionally associated with this class of products. "In the past couple of years, SMBs have seen the demand for data storage grow at a dramatic rate and as a result, they have typically bought more and more capacity as their needs increased. Now they are asking for solutions that allow them to easily and cost-effectively manage this storage. StorMagic is the ideal solution to this issue," said Ertu Uysal, CEO of Transtec AG.

System Integrators can easily install the StorMagic SM Series appliance software onto an Intel® SSR212MC2 Storage Server to create an iSCSI SAN. For additional information on StorMagic's SM Series, contact Abhik Mitra at abhik_mitra@StorMagic.com or visit www.StorMagic.com.

Holistic Desktop Virtualization (VDI) Solution from Ericom

Ericom's Presentation Virtualization and Desktop Virtualization solution, PowerTerm WebConnect*, provides secure and centrally managed access to Windows* Terminal Servers, Virtual Desktops, Blade PCs and legacy hosts. While each of these platforms offer significant benefits to the organization, the challenge is tying them all together. Ericom's answer is a multi-platform access and management solution that enhances the overall functionality of each of these options.

With support for Terminal Services, Blade PCs and over a dozen hypervisors, PowerTerm WebConnect enables organizations to implement any combination of these systems to meet specific user needs. The principle behind this holistic approach is to address the specific requirements of the various types of users while minimizing costs. Under this approach:

- Task-based users (usually 70%-80% of the organization's users) use presentation virtualization.
- Knowledge or general-purpose type users (20%-30% of users) use desktop virtualization.
- Power users (5%-10% of users) use Blade PCs.

This approach provides users with the functionality they require, while enabling them to perform their job in the most efficient manner. Ericom's solution allows organizations to apply virtualization to the broadest range of users instead of to isolated departments and specific groups of users. For more information contact Ericom at Intel@ericom.com.

New Recipes Now Available for Citrix* XenServer*

Intel® ESAA solution provider Citrix Systems, Inc.* announces the availability of new recipes for their server virtualization product: Citrix* XenServer*.

Citrix XenServer is a server virtualization system that makes data centers more agile and efficient through faster application deployment, workload mobility, higher levels of availability and disaster recovery, and improved server utilization.

XenServer dynamically delivers workloads to both physical and virtual machines for the highest datacenter flexibility. It is heterogeneous, giving it broad guest OS support and advanced capabilities. It also offers more intelligent storage capabilities through the most complete native integration with leading system and storage vendors.

XenServer virtual server software running on Intel® Xeon® 5300 - 7400 Series processors, together with Intel® Virtualization Technology (Intel® VT) for optimizing virtual machine monitors (VMMs) like XenServer, provide peak virtualization performance. For more information on Citrix Xen Server, visit www.xensource.com/.