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DELL POWER SOLUTIONS

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8 COVER STORY

SYSTEMS MANAGEMENT SIMPLIFIED

By Pascal Nicolas, Jeanne Feldkamp, and Tom Kolnowski

Enterprises are getting hit by a double whammy as systems management complexity spirals out of control and outstrips infrastructure spending. By giving administrators single-pane access to comprehensive management functions, the Dell™ Management Console Powered by Altiris™ from Symantec™ can free vital IT resources to advance innovation and help lower the cost of doing business. *Plus:* A guided tour of key console portal views, features, and customization capabilities.

14 IMPLEMENTING BEST PRACTICES

THE DELL MANAGEMENT CONSOLE AND IT INFRASTRUCTURE LIBRARY

By John Stahmann

The Dell Management Console provides a comprehensive management platform based on standardized IT Infrastructure Library (ITIL) processes—facilitating the adoption of industry best practices and helping streamline and simplify IT management in enterprise data centers.

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Dell PowerEdge 4220 (left) and PowerEdge 2420 rack enclosures are designed to efficiently store, power, cool, manage, and secure hardware

POWER AND COOLING PAGE 30

ENHANCING ENERGY EFFICIENCY WITH DELL POWEREDGE 4220 RACK DESIGN

By William Muscato and Andre Fuochi

Taking advantage of the advanced features of the new Dell PowerEdge™ 4220 rack enclosure and following best practices can help IT organizations enhance hardware utilization, increase power and cooling efficiency, and reduce the server footprint in their data centers.

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COMPUTE MORE, CONSUME LESS: SMART POLICIES UNLEASH DATA CENTER PRODUCTIVITY

Dr. Albert Esser, vice president of power and data center infrastructure solutions at Dell, discusses how changing your mind-set can help meet compute demand for years to come. By setting operational policies around virtualization, regular hardware refreshes, and best-practices data center design, IT leaders can help improve productivity and lower power consumption—enabling much more useful work to be performed within facilities that are already in place.

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The Dell™ Management Console Powered by Altiris™ from Symantec™ centralizes multiple aspects of systems management into a single easy-to-use tool. Administrators can upgrade existing systems to the Symantec Management Platform architecture and migrate data from Dell OpenManage™ IT Assistant to help smooth the transition to this powerful, flexible console.

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By Jordan Gardner
The Dell Management Console, based on the modular Symantec Management Platform architecture, is designed to provide comprehensive, simplified systems management in enterprise IT environments. By taking advantage of the extensibility and scalability of the Symantec framework, administrators can use this console to support robust one-to-many OS and application management policies.

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The combination of Dell Hardware Update Catalogs and Microsoft® System Center Configuration Manager 2007 provides a powerful, integrated way to deploy hardware, firmware, and software updates for Dell business clients and servers, helping to increase efficiency and simplify systems management in environments based on Dell systems.

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Optimized Desktop Infrastructure Using Dell Flexible Computing Solutions

By John Schouten and Ramesh Radhakrishnan, Ph.D.

The Dell Flexible Computing Solutions suite of products and services is designed to simplify and centralize administrator control over end-user desktops while helping enhance security and reduce total cost of ownership. Understanding the features and usage models of each solution can help administrators optimize their use in enterprise environments.

Deploying Microsoft Office SharePoint Server 2007 on Dell Server Farms

By Gong Wang and Steven A. Grigsby

The Microsoft Office SharePoint® Server 2007 platform offers powerful, flexible support for a wide variety of collaboration functions. By following best practices for deploying and configuring this solution on farms of Dell PowerEdge servers, organizations can create a robust, manageable foundation for end-user productivity.

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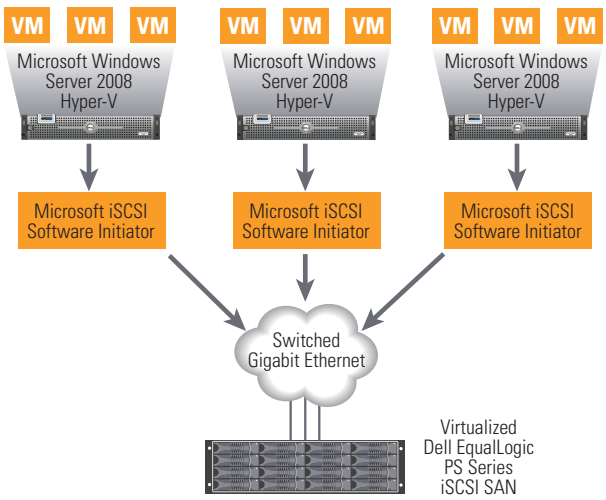
ADVANCING INTEGRATION OF MICROSOFT HYPER-V AND DELL EQUALLOGIC VIRTUALIZED SANs

By Stanley L. Stevens and Darren W. Miller

An enterprise-class storage infrastructure is essential for organizations transitioning to a virtualized data center. Dell EqualLogic™ PS Series Internet SCSI (iSCSI) storage area network (SAN) arrays enable advanced integration with the robust server virtualization offered by the Microsoft Windows Server® 2008 Hyper-V™ virtualization platform—offering the storage foundation for a comprehensive virtualization solution.



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