

The Combined Power of BMC and Dell

Data center management with a comprehensive lifecycle approach

PRODUCT DESCRIPTION

As enterprises continue to grow, so too do the demands on IT infrastructure and staff. The inability to manage disparate solutions in an efficient and scalable fashion can impact business productivity, growth, and ultimately, the bottom line. Your business may be facing major challenges such as:



Managing Costs

How do you get the most out of every asset, project, person, and activity?



Improving Service Performance

How do you measure the business value of IT?



Connecting Operational Silos

How do you unite different teams with consistent processes?



Centralizing Control

How do you ensure IT activities and decisions support business priorities?

Your response to these challenges not only affects the levels of service provided to your organization, but also have a direct impact on company productivity and profitability. Effective IT strategies and processes can mean the difference between establishing a competitive advantage and falling a step behind.

SOLUTIONS OVERVIEW

BMC and Dell provide a complementary approach to data center management that adds unique value during every phase of the IT lifecycle. With an emphasis on automated, centralized management of systems and processes, BMC and Dell provide key integration points that remove cost and complexity, while also creating greater visibility into the resources and priorities needed to support critical business functions.

KEY FEATURES

- Accelerate time to value through the automation and management of business-critical services
- Lower total cost of ownership and increase IT asset compliance by managing usage and policies
- Increase compliance and dramatically reduce the effort and time associated with audits
- Reduce complexity with a coherent, integrated solution for managing your Dell PowerEdge servers

KEY DIFFERENTIATORS

- Provides a complete lifecycle solution for business-critical services
- Provides IT teams with a holistic view of hardware and software within the data center
- Reduces intrusions into production workloads with out-of-band management



MONITOR, CONFIGURE, AND DEPLOY DELL POWEREDGE SERVERS FROM BMC BLADELOGIC SERVER AUTOMATION (BSA)

BUSINESS CHALLENGE

All mission critical applications depend on healthy data center servers to keep the business ahead of the competition. If IT takes too long to provision, configure, or update servers, then the business is at risk from security vulnerabilities of services deployed on non-regulated shadow IT and may face costly fines for non-compliance. With the complexity of a heterogeneous, virtual, and cloud server environment, IT staff struggle just to keep the lights on. Manual efforts are labor-intensive, error-prone, and simply not scalable. Expensive, highly skilled administrators waste time on homegrown, script-based approaches with limited, temporary results.

BMC BLADELOGIC SERVER AUTOMATION AND THE DELL iDRAC ENTERPRISE

The integrated Dell Remote Access Controller (iDRAC) with Lifecycle Controller is embedded in every Dell PowerEdge™ server and provides functionality that helps IT administrators deploy, update, monitor, and maintain Dell servers without the need for any additional software to be installed. The Dell iDRAC works regardless of operating system or hypervisor presence. This means that from a pre-OS or bare-metal state, iDRAC is ready to work because it is embedded within each server from the factory; simply connect power and networking cables and you're ready to start managing a Dell server. In fact, when desired, a PowerEdge server can begin configuration and deployment automatically, once plugged in.

For customers considering using and managing PowerEdge servers within the BMC BladeLogic management platform, Dell recommends ordering the iDRAC Enterprise license. This license delivers the full management potential of a PowerEdge server; it allows server administrators to automate routine management tasks, increases staff productivity, and provides quicker, better troubleshooting should issues arise. The iDRAC will send alerts

to a variety of management applications, alerting administrators of server issues and will help them perform remote server management, thus reducing the need for physical access to the server.

BMC BladeLogic Server Automation (BSA) is Dell ISV-certified for integration with Dell iDRAC Enterprise. From the BladeLogic console, you can configure Dell servers with a compliant operating system or schedule full-stack customized provisioning jobs that include all phases of server provisioning to deliver a fully functional operating environment. Because BSA connects directly to the iDRAC, provisioning or re-provisioning can happen anywhere and anytime without ever physically touching the servers. This out of band management enables administrators to remotely manage servers without compromising security or creating specialized "provisioning networks" where the work can be done.

In addition to provisioning, BMC BladeLogic Server Automation is an industry leading solution that provides the capabilities needed to manage the lifecycle of servers across multiple data centers. This includes managing configurations, risk and compliance, patching, application and software deployment, and reporting. With an advanced role-based access control system, server management is simplified, risk is managed, and costs are reduced.

BMC BladeLogic Server Automation and Dell PowerEdge Servers with iDRAC make a powerful combination that allows you to manage your data center with a coherent, integrated solution that reduces complexity and improves the efficiency of your data center operations. To learn more about BMC BladeLogic Server Automation and Dell iDRAC Enterprise, please visit www.bmc.com/bsa and www.dell.com/idrac.

Dell delivers technology solutions that enable people everywhere to grow, thrive, and reach their full potential. A proven leader in servers, storage, and networking, Dell Enterprise Solutions and Services deliver innovation at any scale.

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BMC TRUESIGHT OPERATIONS MANAGEMENT AND DELL SERVERS: MANY OPERATING SYSTEMS, ONE SOURCE OF HARDWARE DATA

BMC TrueSight Operations Management integrates natively with Dell servers and Dell Open Manage Server Administrator (OMSA) software to retrieve information on the health, fault, and status directly from Dell hardware. BMC TrueSight

Operations Management monitors hardware, OS, applications, and business transactions. Dell instrumentation is available via an OS agent, iDRAC out-of-band, or industry standard in-band and out-of-band service interfaces.

BMC's comprehensive collectors and Dell's flexible instrumentation:



Allow customers to choose agent-based or agentless hardware monitoring



Enable monitoring of Dell servers running Windows, Linux, Solaris, or VMware



Link the performance of the hardware to the performance of business services

TRANSLATING IT STRATEGY INTO TANGIBLE BUSINESS BENEFITS

COMPREHENSIVE IT LIFECYCLE MANAGEMENT

Meeting the needs of the business requires agility and efficiency throughout the lifecycle of release, operations, governance, and support. Therefore, it is more important than ever to automate and integrate IT systems management across your entire, heterogeneous IT infrastructure, including physical and virtual systems, while also supporting and enabling the move to public and private cloud infrastructures. BMC solutions for data center automation eliminate manual and isolated tasks by automating data center management activities and processes across physical, virtual, and cloud-based environments.

END-TO-END SERVICE AND SUPPORT

To deliver the highest levels of success, BMC and Dell offer a comprehensive portfolio of complementary services designed to optimize solution performance. BMC's software planning and implementation services combine with Dell's lifecycle and managed services expertise to ensure your long-term success.

WHY BMC AND DELL?

Since 2002, BMC and Dell have partnered to help customers accelerate the deployment and configuration of technology. Ongoing joint engineering builds simplicity and manageability into every Dell platform and BMC solution. Dell delivers scalable building blocks from client to servers, storage, and services. Customers can feel confident that BMC provides unique integration capabilities to ensure optimal management of Dell systems. Together, Dell and BMC help customers drive business value through more efficient management of IT.



FOR MORE INFORMATION

To learn more about BMC Truesight Operations Management, please visit bmc.com/truesightitops

BMC is a global leader in innovative software solutions that enable businesses to transform into digital enterprises for the ultimate competitive advantage. Our Digital Enterprise Management solutions are designed to make digital business fast, seamless, and optimized from mainframe to mobile to cloud and beyond.

BMC – Bring IT to Life

BMC digital IT transforms 82% of the Fortune 500[®].



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