The Combined Power of BMC and Dell EMC

Data center management with a comprehensive lifecycle approach enabling your Digital Transformation

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?

Minimize Risk
How do you track compliancy across your environment?

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 EMC provide a complementary approach to support the Digital Transformation journey of your organization by adding a unique value during every phase of the IT lifecycle. With an emphasis on automated, centralized management of systems and processes, BMC and Dell EMC 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 DIFFERENTIATORS

Operational In Intelligence
- Make security actionable with vulnerability information enriched by operational data to prioritize threats based on the impact within your specific operating environment

Multi-Tier Remediation
- Drive remediation across servers, networks and cloud services with automation that is capable of considering the application, the process, and the severity of the issue

Automated Compliance
- Achieve security and compliance with key regulations across cloud services, servers and networks keeping your audit ready

Costs Efficiency
- Track and manage costs with visibility across data center and public cloud infrastructure, while providing the right level of performance, compliance and resources

KEY FEATURES

Service and Operational Analytics
- Address risks based on policy and impact to ensure the most critical issues are fixed first, uptime is protected, and stability is maintained

Security View of Operational Plans
- Visualize how quickly risks will be eliminated with graphical views of planned operations actions, predictive SLAs, and burndowns

Blind Spot Protection
- Identify assets that are unmonitored and potentially exposed, and automatically map dependencies

Compliance Controls
- Full cycle of system discovery, monitoring, remediation, and integrated change control

MONITOR, CONFIGURE, AND DEPLOY DELL EMC POWEREDGE SERVERS FROM BMC TRUESIGHT SERVER AUTOMATION

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 TRUESIGHT SERVER AUTOMATION AND THE DELL EMC iDRAC ENTERPRISE

The Dell EMC iDRAC is embedded in every Dell EMC PowerEdge™ server and provides functionality that helps IT administrators deploy, update, monitor, and maintain Dell EMC servers without the need for any additional software to be installed. The 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 EMC 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 TrueSight Management platform, Dell EMC 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 TrueSight Server Automation is Dell EMC ISV-certified for integration with Dell EMC iDRAC Enterprise. From the TrueSight Server Automation console, you can configure Dell EMC PowerEdge 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 BMC TrueSight Server Automation 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 TrueSight 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, audit risk and compliance, patching, application and software deployment, and reporting. With an advanced role-based access control system, server management is simplified, risk is mitigated, and costs are reduced.

Being part of the TrueSight Platform, in combination with Network Automation, Orchestrator, Vulnerability Management and Cloud Security, it will enable you to stay on the right path during your Digital Transformation journey in the Multi-Cloud environment.

BMC TrueSight Server Automation and Dell EMC 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 TrueSight Server Automation and Dell EMC iDRAC Enterprise, please visit bmc.com/it-solutions/truesight-server-automation and www.dell.com/idrac

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Dell EMC, a part of Dell Technologies, enables organizations to modernize, automate and transform their data center using industry-leading converged infrastructure, servers, storage and data protection technologies.

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

BMC TrueSight Operations Management integrates natively with Dell EMC servers and Dell EMC OpenManage Server Administrator (OMSA) software to retrieve information on the health, fault, and status directly from Dell EMC servers. BMC TrueSight Operations Management monitors hardware, OS, applications, and business transactions.

Dell EMC instrumentation is available via an OS agent, iDRAC out-of-band, or industry standard in-band and out-of-band service interfaces.

BMC TrueSight Operations Management is a turnkey solution that provides a comprehensive view of how key services are performing, so IT knows immediately if customer experiences may be impacted. BMC TrueSight Operations Management delivers end-to-end performance monitoring and event management. It uses AIOps to dynamically learn behavior, correlate, analyze, and prioritize event data so IT operations teams can focus on the most business-critical issues. BMC TrueSight Operations Management helps IT teams merge operational silos and streamline efforts across technology domains, shifting focus from managing individual service components to delivering exceptional customer experience.

To learn more about BMC TrueSight Operations Management, please visit bmc.com/it-solutions/truesight-operations-management

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

Allow customers to choose agent-based or agentless monitoring options	Enable full-stack monitoring of any server running Windows, Linux, Solaris, or VMware	Link the performance of your system to your KPIs of business services

TRANSLATING IT STRATEGY INTO TANGIBLE BUSINESS BENEFITS

COMPREHENSIVE DIGITAL TRANSFORMATION
Meeting the needs of the business requires speed, 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 modern technologies, such as public and private cloud infrastructures. BMC solutions 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 EMC offer a comprehensive portfolio of complementary services designed to optimize solution performance. BMC's software planning and implementation services combine with Dell EMC's lifecycle and managed services expertise to ensure your long-term success.

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

FOR MORE INFORMATION
To learn more about BMC TrueSight Platform, please visit bmc.com/truesight

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