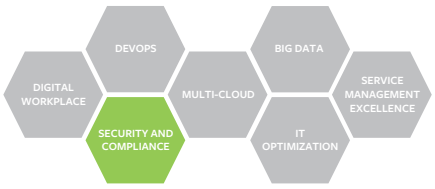
BladeLogic Network Automation

Improve operational efficiency by automating and securing physical and virtual network infrastructure

Digital Accelerators



PRODUCT DESCRIPTION

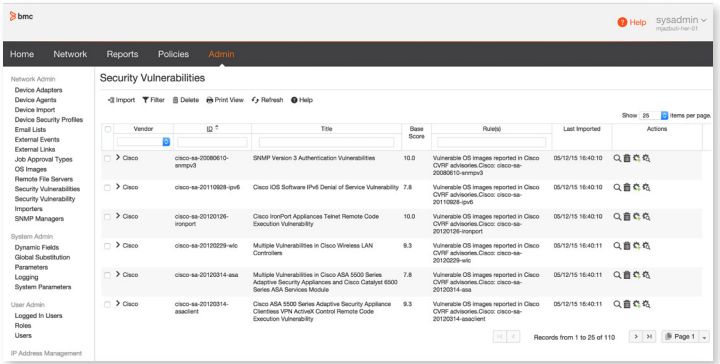
BladeLogic Network Automation is an industry-leading solution that enables IT operations to scan thousands of devices in less than a minute. It enables teams to take action to reduce risk of breaches and avoid network outages, which improves service delivery across the business. It can also improve employee satisfaction as it frees up expensive network administration resources from labor-intensive audits.

BUSINESS CHALLENGE

Today, IT organizations depend on high performing networks to keep their businesses running at peak efficiency. However, **new security threats emerge every day, making it difficult to keep up with the demands of network management.** In order to detect security vulnerabilities, many IT organizations use a combination of hardware and software tools—and if a device is found to be vulnerable, IT must take corrective action manually, risking errors that may cause expensive downtime or failures.

BMC SOLUTION

BladeLogic Network Automation closes the window of vulnerability with native, scanless detection of security risks in real-time, one-touch rule generation for vulnerabilities and remediation actions. **With this single solution, IT staff can manage physical and virtual network devices across most major platforms and ensure compliance, reduce complexity, and maximize health.** While provisioning new network services is important, most network administrators spend a majority of their time with operations such as configurations, patching, compliance, audits, and change management.



KEY FEATURES

BladeLogic Network Automation lets admins provision, configure, patch, audit, and maintain network devices from most device vendors in one solution.

- **Smart and always-on –** Generate scripts with SmartMerge Technology and rollback entire configurations without rebooting the device
- **Fast and secure –** Significantly reduce mean time to resolve network issues and secure your environment with extensive role-based access control (RBAC)
- **Native and scanless –** No need for additional hardware/software; vulnerability detection won't burden network performance
- **Real-time and responsive –** Respond to vulnerabilities with one-touch rule generation and audit the entire network in minutes

KEY BENEFITS

- **Increase device to admin ratio** by improving operational productivity and efficiency from a single platform
- **Scan 1,000 devices in less than one minute** and free up staff time for high priority work
- **Cut exposure to breaches** by continuously monitoring and managing the entire network infrastructure
- **Reduce time to complete compliance audits** for regulatory, security, or operational mandates

Get one-touch rule generation in response to vendor advisories, and detect and patch vulnerable devices.

PRODUCT DETAILS

Security Vulnerability Management: Leverage out-of-the-box content for Cisco® security advisories and take remediation action. Use vulnerability management WS APIs to automate management of vendor security vulnerability notifications.

Compliance: Use the compliance engine to apply standards for regulatory and security rules such as SOX, PCI-DSS, HIPAA, NIST, DISA, and CIS. Automate audit cycles with built-in compliance reports. Close the loop on compliance with integrated change management.

Virtualization and Cloud Computing: Provision and configure physical, virtual, and cloud environments. Provide network services for on-premises clouds through BMC Cloud Lifecycle Management for full-stack, multi-tier applications in multi-tenant networks.

Provisioning: With support for most vendors and virtualization platforms including SDN Controllers, admins can expedite new multi-tiered networks, including services for VLANs such as firewalling, load balancing, and WAN acceleration. Deploy access control list (ACL) changes and syntax scanning without disrupting the network.

Configuration: Implement a policy-based approach to configure or change network devices with templates based on best practices to simplify administration and ongoing maintenance.

Administration: Securely share workload administration with role-based access control (RBAC). Assess the impact of changes on business services via CMDB to maintain uptime.

Broad Solution Support: Integrate with BMC Atrium CMDB and Remedy IT Service Management (ITSM) Suite, which includes bi-directional, service-aware operational decisions for change management. Manage and document changes in ITSM with BMC Atrium Orchestrator to close the loop on continuous ITIL® compliance.

OS Image Management: Manage OS images with built-in OS image library and deploy actions. Includes support for remote file servers and proxy file servers for service provider environments.

REST APIs and External Links/URLs: Develop custom workflow automation with REST API for BladeLogic Network Automation. Launch into BladeLogic Network Automation from other applications with external URLs.

Device Import: Import devices from discovery tools such as BMC Discovery, BMC Foundation Discovery, CiscoWorks, CSV, Entuity Eye of the Storm®, HP® Network Node Manager, HelpSystems™ Intermapper®, Ipswitch® WhatsUp Gold®, or user-defined database query.

FOR MORE INFORMATION

To learn more about BladeLogic Network Automation, please visit **bmc.com/it-solutions/bladelogic-network-automation**

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 fast track digital business from mainframe to mobile to cloud and beyond.

BMC – Bring IT to Life **BMC digital IT transforms 82 percent of the Fortune 500.**

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