Key Benefits
» Improve service quality by dynamically routing workload based on business priorities to servers with the highest availability
» Maximize hardware utilization by workload elements and leverage virtualization and cloud technologies
» Simplify Workload Automation Change Management through scenario-based rollback of complex changes
» Enhance auditing by capturing reason codes for user actions and connecting them to change and incident management
» Achieve separation of duties and simplify security administration through tight integration with LDAP or Active Directory
» Enhanced Reporting Facility adds analytical functions, graphing and charting and a simplified look & feel.

Business Challenge
Organizations are seeking solutions that enable stakeholders to gain greater access to IT resources, allow IT to respond with agility to the needs and demands of the business, and at the same time, curtail costs. Technologies such as cloud computing and enterprise workload automation are being implemented to achieve these benefits while adhering to ever more stringent governance and compliance requirements.

The BMC Solution
BMC Control-M 7 introduces policy-based Dynamic Workload Management, providing a cost-effective method to assure efficient resource utilization and load balancing between batch and real-time application workloads.

Workload Policies
A workload policy consolidates a set of workloads and assures they are efficiently executed and managed according to business rules and priorities. It optimizes IT resource utilization by dynamically sharing virtual and physical resources among different applications in accordance with the company’s operational calendar. Workload Policies were designed to support private and public “Clouds”, reducing the need to maintain local and static resources. Policies optimize the usage of hardware and operating system resources, preventing overloads and increasing utilization of available servers by controlling the amount of resources and concurrent executions a workload can handle. Additionally, policies simplify the routine maintenance required at the IT level by dynamically routing workloads to available servers, avoiding a single point of failure. This can be achieved by significantly reducing day-to-day maintenance efforts and eliminating the need to map environmental and execution attributes at the granular job level by elevating them to an easy to manage consolidated workload policy.

Governance and Compliance
BMC Control-M 7 streamlines and reduces manual efforts associated with SOX and compliance regulations. When IT Staff perform normal operational activities or make changes, Control-M 7 can be configured to prompt users to supply tracking codes and explanations for their actions. Change related information can be retrieved through the Control-M reporting Facility and can be used to ensure compliance with audit and governance policies. For example, companies that work with a change management system can now easily report on all workload changes associated with a specific change ticket ID.

Workload Lifecycle Management
BMC Control-M 7 extends Workload Lifecycle Management by providing scenario-based rollback. Recovery from changes is simplified by enabling single-click rollback of complex changes regardless of how many workload elements were affected. Using an intuitive filter dialog, users can now select a scenario of workload elements that should be rolled back to previous point in the production lifecycle. This process enables administrators to easily revert to a desired state for a specific application or collection of workload definitions without having to resort to commonly used, time-consuming recovery methods such as database restores.
Highlights
» New policy based workload automation
» Enhanced Audit & Compliance capabilities
» Improved TCO
» Quick, intuitive and consistent installation and deployment.

Hierarchical Workload Elements
SMART tables are container objects that reduce the number of workload elements thereby simplifying the construction of application flows and reducing the maintenance effort. Key attributes are defined once per application and then shared and inherited by the workload elements belonging to that given application. When changes are required, they can be made in one location and automatically applied to all downstream elements.

Enhanced Reporting
Control-M 7 reports have been enriched by providing additional charting and statistical capabilities along with an enhanced view.

Bar or pie charts can be selected to show the distribution of information contained in the report. Additionally, subtotal and total information is displayed to make reports easier to understand, especially for business users who may wish to interpret the impact of workload events on the business.

Part of a Comprehensive Solution
BMC Control-M 7 is a comprehensive IT Workload Automation solution, which encompasses:

» Support for an extensive range of platforms, ERP solutions and SOA based applications
» Production management across multiple platforms and locations
» Alignment of operations management workloads with critical business processes
» Extensive modeling and forecasting facilities to assist operations planning and avoid workload contention issues
» File transfer management to guarantee the accuracy and transparency of the vital exchange of files between internal and external applications and users

BMC Control-M is an integral part of BMC’s Business Service Management – a comprehensive and unified platform to simplify and automate IT. BMC Control-M provides service management for batch workload with BMC Batch Impact Manager, tight integration with Remedy Service Desk, batch service modeling through BMC Batch Discovery and BMC ProactiveNet Performance Manager and support for Server Configuration, Auditing and Compliance via BMC BladeLogic Server Automation.

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