BROADCOM®
MAINFRAME SOFTWARE

CA 7 Workload Automation Intelligence

Key Benefits

- **Reduces** the cost and complexity of managing mission-critical workloads across the enterprise.

- **Increases** SLA compliance and provides rapid return on investment.

- **Ensures** consistent and reliable service delivery.

- **Enhances** business responsiveness through modern automation and integration opportunities.

Key Features

- **Multi–platform scheduling** allows you to manage and visualize a business process end–to–end across platforms from a central point of control.

- **Agent visibility** enables a single pane of glass and provides faster configuration changes and upgrades.

- **Seamless integration** with DevOps tools, ticketing systems, and enterprise dashboards.

- **Rapid automation** of DevOps and Operations related processes to achieve organizational efficiencies.

- **Predictive SLA management in AAI** delivers consistent, high-quality service levels by leveraging performance patterns and data.

- **Dynamic critical path, and automatic alerting and notification in AAI** enable management by exception.

- **Advanced analysis, simulation, and visualization in AAI** makes it easy to identify issues proactively and prevent a negative business impact.

CA 7 Workload Automation Intelligence is a highly scalable, fully integrated workload automation solution that allows you to define and execute workloads and manage service-level agreements (SLAs) across the enterprise. Through a single point of control, CA 7 Workload Automation enables you to distribute or centralize job submissions according to business relevance, helping your team to efficiently manage the performance and availability of cross platform and ERP applications. Adding Automation Analytics & Intelligence (AAI) allows you to do even more.

Business Challenges

Shift Left

Organizations need to transform their DevOps processes to react to market changes and increased competition. However, the rigidness and unfamiliarity of the mainframe platform becomes the barrier to moving off some responsibilities from operations and infrastructure teams to application developers and automation engineers.

SLA Management

Complex applications can span across multiple IT platforms (mainframe, distributed, public, or on-premise cloud) and many schedulers make it difficult for an application owner to manage application SLAs effectively. Without a central point of visibility and control, it is difficult to manage a multi-platform application, and its lack of visibility can cause serious problems.

Cloud Automation

Cloud has become an integral part of IT infrastructure, but making it work with a mainframe scheduler requires custom development and maintenance. These custom solutions require maintaining and managing a team of skilled people; moreover, such custom solutions lack scalability and are often difficult to change.

Agent Management

The number of agents to manage distributed workloads with CA 7 Workload Automation can run into thousands, which makes agent management time-consuming for the administration teams. When multiple teams across the organization are involved, the CA 7 Workload Automation administrators do not always have access to the machines where the agents are running, so checking the log files, applying configuration changes, or upgrading the agents can be challenging.

Solution Overview

CA 7 Workload Automation helps organizations in shifting their DevOps processes to a more flexible and automated approach, managing complex application SLAs, integrating mainframe schedulers with cloud infrastructure, and managing agents with ease. CA 7 Workload Automation offers a comprehensive solution that encompasses REST API based mainframe automation, centralized SLA management, cloud and web service automation, and centralized agent management. The CA 7 Workload Automation platform provides a familiar environment for application developers to manage mainframe tasks and integrate with popular DevOps tools.

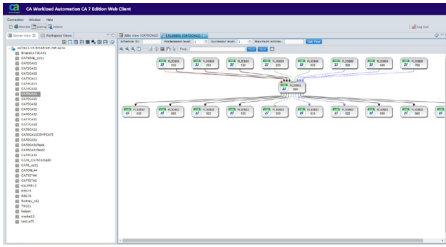**Figure 1: CA 7 Workload Automation – Visualize and Rapidly Respond to Critical Events**

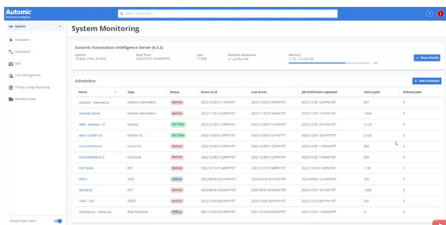**Figure 2: AAI – Visualize All Schedulers with Click-Through Capabilities**

Figure 3: AAI – Find Any Job Across the Enterprise and Perform Analysis Using Various Perspectives
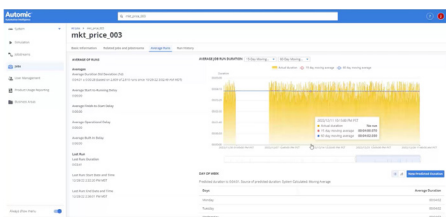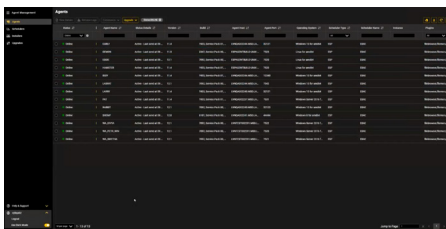

Figure 4: Agent Manager – See Real Time Agent Health with Multiple Actions from a Modern User Interface

Solution Overview (cont.)

CA 7 Workload Automation provides application visibility and control of critical paths that span over multiple platforms and schedulers to enable effective SLA management. By using CA 7 Workload Automation's cloud-automation capabilities, organizations can eliminate the need for custom development and maintenance while providing scalability and flexibility to support dynamic needs. Finally, the Workload Automation (WLA) Agent Manager solution streamlines the process of managing and maintaining agents by providing a single interface, centralized logging, configuration management, and access control to ensure security and compliance.

Critical Differentiators

AAI predictive analytics provides insights and understanding of the entire workload environment. It helps you find unseen impacts and dependencies across applications, platforms, and vendors.

REST APIs provide a standardized and flexible way to access data and services, making it easier for businesses to integrate different systems, automate processes, and share data with other tools and applications, ultimately improving efficiency and enhancing the overall customer experience.

Cloud and web service automation enables businesses to more quickly develop new SaaS based solutions without any custom development.

WLA Agent Manager allows workload administrators to view and manage all agents from a modern web UI, saving tremendous amounts of effort and time.

Uninterrupted availability and business recoverability includes a local high–availability option that monitors and manages itself and can also send notifications when unrecoverable problems occur. This functionality reduces or eliminates the likelihood of any catastrophic event interrupting your scheduling service.

World-class service and support to help you increase productivity, reduce costs and risks, inform and educate, and scale. Your success is our success.

Related Products

- **Workload Automation Agents** extend the automation capabilities of the Broadcom® Workload Automation solutions to a wide variety of processing platforms and integrates business processing with workload management.

- **Workload Automation AE** provides event–driven automation, policy–based management, and workload monitoring and reporting capabilities for distributed environments.

- **AAI is now part of CA 7 Workload Automation** with Automation Intelligence! AAI enables you to easily visualize complex relationships, proactively monitor SLA and critical path thresholds, alerts, and execute recovery actions when thresholds are at risk of being missed.

For more information, please visit **broadcom.com/solutions/mainframe/aiops**

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