◢◣ BROADCOM®
MAINFRAME SOFTWARE

OPS/MVS® Automation Intelligence

Key Benefits

- **Ensure high system availability** and align IT resources to business needs.

- **Quickly gain understanding of mainframe** hierarchy, component relationships, and business impact.

- **Increase operational efficiency** and reduce costs through synchronous automation of processes and improved visibility.

Key Features

- **Mainframe Topology:** Automates discovery of mainframe resources, how they are connected, and business impact.

- **Centralized Alerting:** Consolidates mainframe alerts and provides meaningful insights to speed problem analysis and resolution.

- **System State Manager:** Enables policy-based, cross-system resource management to support high availability and recovery.

- **Automated Operations Facility:** Detects, evaluates, and responds to a wide range of system events across z/OS subsystems.

- **Enhanced Log View:** Provides easy access to a repository of all system events, including messages, and consolidates views across multiple systems to support complex analysis.

- **Auto Ticketing:** Enable automated incident generation through integration with market leading service management solutions.

At a Glance

OPS/MVS® Automation Intelligence (OPS/MVS) improves availability and reliability of critical mainframe resources by automatically responding to system events and preventing problems before users are affected. It simplifies mainframe management and maintains optimal system conditions through policy-based and AI-driven automation combined with improved visibility. By managing daily operations according to defined business policies, OPS/MVS replaces the need to manually react to system messages and events. It proactively monitors and manages events associated with started tasks, online applications, subsystems, JES initiators, and other z/OS resources.

Business Challenge

Today's dynamic hybrid IT environment produces thousands of mainframe event messages every day, some critical and some merely noise. Critical messages are associated with events that can impact service levels, business processing, or system performance. To ensure that the critical messages receive priority status, enterprises need an advanced automation and management tool that provides 24×7 availability.

- **Cost:** Organizations need to minimize the cost of their IT environments by maximizing the value and efficiency of users and resources across hybrid IT platforms.

- **Availability:** Systems are expensive to operate, and can prove to be even more expensive when they are down. Today's always-on digital businesses require high-availability environments and seamless execution.

- **Scalability:** Data and transaction volumes are continuing to grow exponentially. System management solutions must be scalable across complex hybrid architectures to support the growing demand.

- **Staffing:** The skills and knowledge to effectively manage mainframe systems are in high demand, and it is becoming more difficult to properly staff. Everyone is doing more with less.
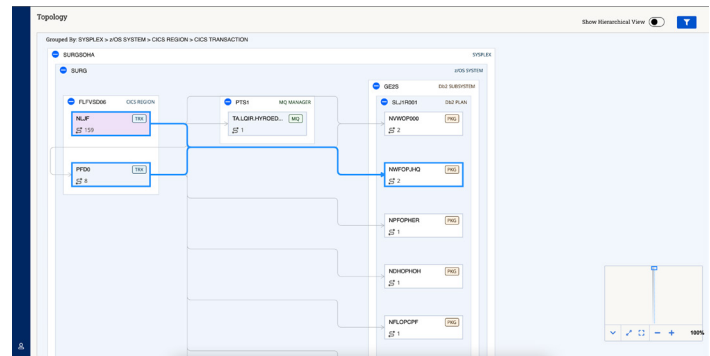
Solution Overview

OPS/MVS increases z/OS system availability and operational efficiency through automation and centralized visibility. Powerful capabilities enable you to more reliably analyze system events, and automate operations to minimize system downtime, optimize business processes, and reduce operating costs.

OPS/MVS provides a comprehensive audit trail of automation and system activities. It includes robust system and resource state management, proactive monitoring and management of started tasks, online applications, subsystems, JES initiators, and other z/OS resources.

Solution Overview (cont.)

An integral part of the Broadcom® Mainframe AIOps and Automation portfolio, OPS/MVS optimizes critical resources across systems and simplifies the deployment of complex automation to better manage the environment. OPS/MVS is a critical component for automating disaster recovery processes, ensuring high availability, and end-to-end automation.

Automate discovery of your mainframe hierarchy and quickly see component relationships using Mainframe Topology.

Critical Differentiators

OPS/MVS is a recognized leader in z/OS automation. It maximizes system availability, improve efficiency, reduce errors, prevent downtime, and increase productivity. Its robust functionality provides unlimited scalability to manage the smallest to the largest and most complex data centers.

- **Modern user experience:** Display and analyze rules across the entire mainframe environment. It allows for quick identification of rule distribution and interconnectivity.

- **Policy-based resource management:** System resources can be managed based on out-of-the-box rules, industry best practices, or your business-specific requirements.

- **Synchronous multiple address spaces:** Use multiple address spaces to process events in parallel in the address spaces where they occur.

- **REXX functions:** An extensive library of special functions enables you to detect address space and device availability, collect information on JES2, Sysplex and system resources, and interoperate with other Broadcom products.

- **Comprehensive Sysplex support:** Maintain high availability by managing events from your Sysplex facilities and Sysplex-specific resources.

- **Hardware services:** Hardware Management Console automation enables numerous functions such as the ability to issue hardware commands and capture hardware events into the rules processing engine.

- **Flexible integrations:** Inbound RESTful Web services extend OPS/MVS interoperability, enabling you to trigger automation, event management, and information queries from non-z/OS environments.

- **Open architecture:** OPS/MVS is Zowe CLI-enabled, providing a flexible cloud-like experience to manage z/OS automation resources. Use industry supported interfaces to issue commands and get results remotely from your desktop.

- **Dynamic mainframe topology:** Automatically discover your entire mainframe hierarchy and quickly see how components are connected and how they impact the business.

- **Centralized alert management:** Consolidate alerts from across your mainframe environment and gain meaningful insights to speed problem analysis and resolution.

Related Solutions

- Mainframe Operational Intelligence
- NetMaster® Network Intelligence
- SYSVIEW® Performance Intelligence
- Vantage™ Storage Intelligence

For more information, please visit: www.broadcom.com/products/mainframe/operations-mgmt/ops-mvs-event-mgmt-automation