

PRODUCT SHEET

CA SYSVIEW Performance Management

CA SYSVIEW® Performance Management r13.5



CA SYSVIEW Performance Management (CA SYSVIEW PM) simplifies mainframe performance management and improves responsiveness to performance problems that require human intervention by providing a wealth of information that can be accessed through simple, customizable displays for resource utilization monitoring, performance tuning, problem analysis, and resolution.

Overview

The mainframe environment, with its many commands and high availability and performance requirements, is a difficult one to master, and highly skilled and experienced performance analysts are getting harder and harder to find. CA SYSVIEW PM, an integral part of the Systems Management solution area, displays a wealth of performance information that you can access through customizable displays. From centralized alerts, users can drill down quickly into problem areas for detailed analysis and problem resolution. The software is easy to learn and use and integrates seamlessly with additional options and complementary management products.

Business value

CA SYSVIEW PM is a cost effective solution that helps simplify mainframe performance management and enables more effective use of mainframe system resources—including hardware and software—which can result in better service and lower total cost of ownership (TCO). The product is architected to efficiently consume fewer system resources and to require a minimal number of systems programmers to maintain and install it. And because CA SYSVIEW is so simple to learn and easy to use, you can rapidly improve user acceptance and increase productivity.

Features

CA SYSVIEW PM has adopted key features that are designed to simplify your use and administration of CA SYSVIEW PM and enable your staff to maintain it more effectively and quickly.

- **CA Mainframe Software Manager™:** CA Mainframe Software Manager (CA MSM) automates CA SYSVIEW installation, deployment, and maintenance and removes SMP/E complexities.
 - The **Software Acquisition Service** enables you to easily move product installation packages and maintenance from CA Support Online directly to your mainframe environment and prepare them for installation.
 - The **Software Installation Service** standardizes CA SYSVIEW PM installation, which includes a new, streamlined Electronic Software Delivery (ESD) method that allows CA SYSVIEW PM to be installed using standard utilities. This service also provides standardized SMP/E product installation and maintenance via APARs and PTFs and simplifies SMP/E processing through an intuitive graphical user interface and an intelligent Installation Wizard.
 - The **Software Deployment Service** enables you to easily deploy CA SYSVIEW PM in your mainframe environment.
 - CA MSM **Consolidated Software Inventory (CSI)** updates and infrastructure improvements add flexibility to CA MSM processing of CSIs and enable CA MSM to more effectively utilize CPU and system memory.
- **Installation Verification Program (IVP) and Execution Verification Program (EVP):** As part of qualification for inclusion in the set of mainframe products from CA Technologies released every May, CA SYSVIEW PM has passed stringent tests performed through the IVP and the EVP to find and resolve interoperability problems prior to release. These programs are an extension of our ongoing interoperability certification initiative, launched in May 2009.
- **Health Checker:** The Mainframe 2.0 Health Checker provides CA SYSVIEW Health Checks that execute under the IBM Health Checker for z/OS. The health check helps make sure that systems programmers have access to the critical diagnostic information needed to identify and resolve system and critical application failures. This capability simplifies problem diagnosis, shortens testing time and effort, and reduces the likelihood of costly downtime.
- **Best Practices guide:** This guide provides information on CA SYSVIEW installation, initial configuration, and deployment to shorten the learning curve for staff who are responsible for the installation and management of this product.

CA SYSVIEW PM r13.5 new features

Performance Improvements

- **Specialty Processor Exploitation:** CA SYSVIEW PM offers organizations the ability to exploit lower-cost zIIP processor technology in the monitoring and management of z/OS and its related sub-systems. This release will further exploit zIIP via SYSVIEW's user experience as seen within the SYSVIEW user address space called "SYSVUSER". Early test results have shown on average that customers are experiencing a 30% to 40% offload to a zIIP processor.

Now when coupled with the r13 savings in the SYSVIEW Data Collection zIIP enablement processing which has also had very positive user results of 50% to 65% offload, you are able to significantly reduce your main processor usage of SYSVIEW by utilizing the zIIP processor. * Note: individual results may vary based on system configuration and workload.

Data Collection

- **Threshold and State processing:** The ability to schedule and prioritize a threshold allows more efficient tracking and management of thresholds and state to align with business capacity.
- **Alerts Acknowledgement:** Many customers have requested to acknowledge an alert and to remove it from a display while recognizing the alert may still exist. This new functionality also allows for definition of a priority to an alert. This change in alert management enables the customer to efficiently address non critical alerts and provide user interaction for removal from the user interface.

Miscellaneous

- **CA Insight for DB2 Integration:** Integration between Insight for DB2 and SYSVIEW exposes DB2 data within the SYSVIEW user interface. This cross system interaction between Insight for DB2 and Sysview allows SYSVIEW users to view initial DB2 data metrics within the same interface as a majority of their data analysis.
- **CA Cross-Enterprise Application Performance Management (CA Cross-Enterprise APM):** CA SYSVIEW continues to enhance the integration with CA Application Performance Management via CA Cross-Enterprise APM. CA Cross-Enterprise APM now supports IMS transaction tracing for CA SYSVIEW customers running IMS Transaction Manager from IBM when those targeted transactions are WebSphere MQ driven.

- **Installation and Configurations:** The CA SYSVIEW development team has identified numerous changes in the installation and configuration processes to reduce the effort necessary for a user during installation and upgrades.
 - **Security Enhancements:** To reduce the need for customization of security parameters, CA SYSVIEW PM now provides a true external security interface using standard SAF calls. The CA SYSVIEW external security enhancements will enable you to define standard security to any product that supports the SAF interface. These changes now reduce the customizations required by the user.
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Delivery approach

CA Services provides a portfolio of mainframe services delivered through CA Technologies internal staff and a network of established partners chosen to help you achieve a successful deployment and get the desired business results as quickly as possible. Our standard service offerings are designed to speed deployment and accelerate the learning curve for your staff. CA Technologies field-proven mainframe best practices and training help you lower risk, improve use/adoption and ultimately align the product configuration to your business requirements.

Benefits

- **Performance, performance, performance:** CA SYSVIEW r13 significantly improves upon the on-going initiative that the CA Technologies development teams have to reduce overhead and maintain or increase throughput of our products. Through these development efforts and the ability to now offload application processing to the zIIP, specialty processor customers can now take advantage of these benefits with CA SYSVIEW r13.
- **Flexibility:** Continued drive by CA Technologies and customers require the solutions to be flexible in the customer's hands. Allowing customers to better manage and tune the data that is collected and how often it is collected enables the customer to deal with the data and subsequent alerts that they deem critical to their business environment.
- **Simplification:** CA Technologies mainframe strategy is designed to provide a long term direction for the mainframe and a direction for the next generation of the mainframe personnel. CA SYSVIEW continues to support the MF 2.0 strategy by exposing the newest features to the customer for their benefit. Management of the CA SYSVIEW application and the ability to update that application quickly is essential to ensure the customer has access to the latest enhancements that CA SYSVIEW has to offer.

- **Synergy:** CA Technologies mainframe strategy includes the need to offer tighter interaction between products for added value. CA SYSVIEW r13 provides this extension by offering integration into the CA Mainframe Application Tuner. This integration allows CA SYSVIEW to drill down into application performance issues further than ever before affording a resolution in a shorter timeframe.

The CA Technologies advantage

CA Technologies has 30 years of recognized expertise in robust, reliable, scalable, and secure enterprise-class IT management software. CA SYSVIEW is a key component of the Mainframe 2.0 initiative from CA Technologies to change the way the mainframe is managed forever by helping you maximize the value of our mainframe products and by providing a simplified experience and innovative solutions that deliver value quickly and flexibly.

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