

CA Cross-Enterprise Application Performance Management



At a Glance

CA Cross-Enterprise Application Performance Management (CA Cross-Enterprise APM) is designed to provide 24x7 monitoring of business transactions for complex application environments by monitoring the real-time performance of mainframe subsystems. It provides CA Application Performance Management (CA APM) with this data on a single pane of glass. CA Technologies provides customers with a proven solution for managing the customer experience, service level agreements (SLAs) and the business impact of performance issues along with comprehensive diagnostics, triage and root-cause analysis. CA Technologies has now extended those capabilities to include management of business transactions that span distributed and mainframe environments.

Key Benefits/Results

- Provides greater visibility into end-user transactions in real time as they cross from distributed platforms into the mainframe environment
- Allows distributed and mainframe teams to increase collaboration across silos
- Gives transactional views of business services that complement infrastructure management solutions for more efficient IT operations

Key Features

Modified and enhanced existing APM dashboards. Expose additional DB2® transaction calls within the data presented in the APM dashboards.

DB2 data sharing groups. Support presentation of DB2 sharing group names and associated metrics that allow users to see their shared groups within the dashboard.

Customer-defined MQ Alert metrics. Present MQ from CA SYSVIEW® Performance Management within the APM dashboards to allow the consolidation of alerts across the enterprise.

Cross-enterprise application performance management. Extend CA SYSVIEW Performance Management with CICS® tracing by adding the maintenance, repair and operations (MRO) links within the AOR/TOR architecture for transactions on the same system through integration between the mainframe and CA APM.

Business Challenges

IT needs to manage hybrid IT environments which are getting more complex with additional application transaction workflows. The mainframe today is a key piece of that environment, and the correlation of the data from the mainframe to the originating application is paramount to being able to manage the end-user application experience.

CA Cross-Enterprise APM helps manage these business challenges:

- Link business transactions to the dependent infrastructure for a single view of application health and the entire transaction path to pinpoint failing components quickly and tie real-user experiences to the infrastructure through alerts, dashboards and transaction maps.
- Present performance and availability data in both technical and business terms to enable better IT and business communications and SLA alignment and delivery.
- Monitor transactions in pre-production and production environments to proactively manage performance in all stages of the application lifecycle.
- Rapidly deploy and help simplify performance monitoring for a faster time-to-value.
- Automatically identify transactions using easy-to-understand triage maps and dynamic instrumentation help simplify administration for non-expert users.

Solution Overview

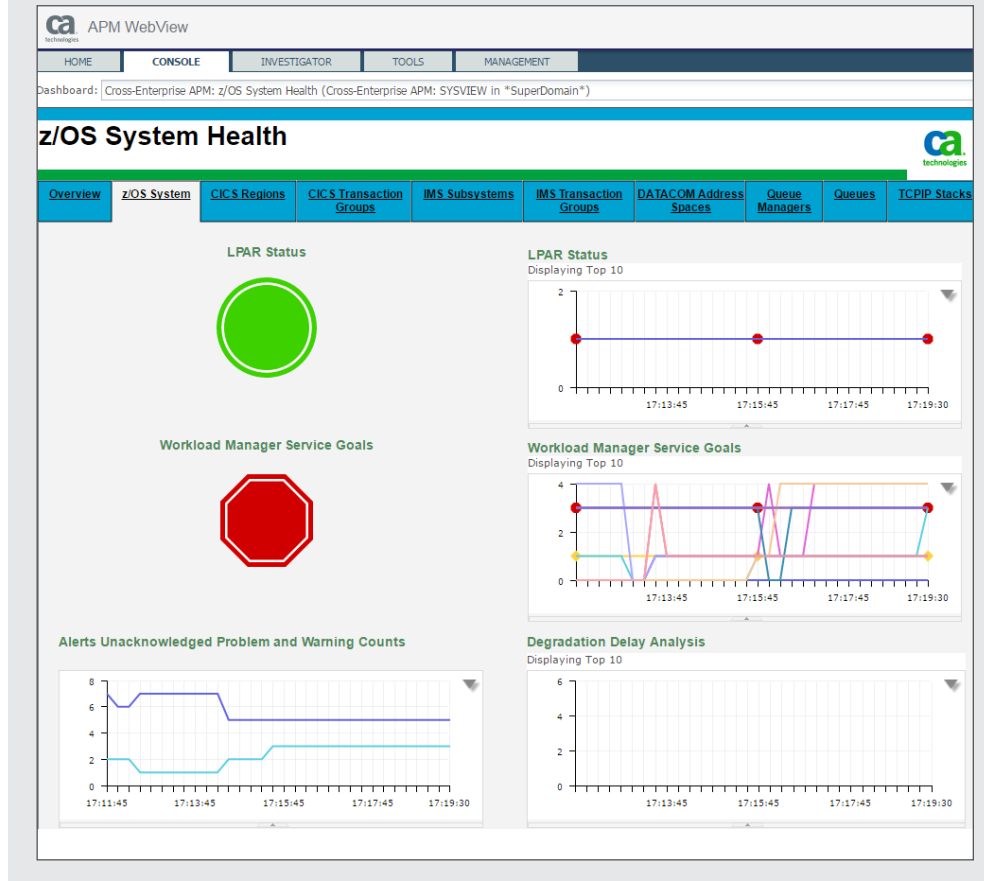
CA Cross-Enterprise APM is designed to help you proactively detect problems before they affect users and enable IT to resolve issues more quickly to help provide that business services better address established SLAs. CA Cross-Enterprise APM features powerful capabilities for rapid triage, root-cause analysis and historical data reporting which are extended to include important mainframe performance metrics. You now have a single place to view the performance of the subsystems that support the applications and the transaction status across the enterprise and have a clear picture of the end-user application experience. It helps you monitor system health and performance levels on systems such as z/OS®, USS, TCP/IP, WebSphere® MQ, CA Datacom®/AD, IBM IMS™ and DB2 for z/OS in a single view. CA Cross-Enterprise APM enables the quality of service your end-users expect and that business demands by facilitating collaboration between distributed and mainframe support teams.

Critical Differentiators

CA Cross-Enterprise APM provides a true link of the business transactions across the application workflow providing a full end-to-end view of the application environment. The ability to accurately present and monitor the mainframe health provides the full view of the hybrid IT environment. Being able to rapidly deploy the solution provides faster time-to-value and faster ROI. CA Cross-Enterprise APM also:

- Helps increase IT control of the application infrastructure by giving greater visibility into end-user transactions in real time as they cross from distributed platforms into the mainframe environment
- Provides speedy problem resolution, team productivity and mean-time-to-repair by allowing distributed and mainframe teams to increase collaboration across silos
- Promotes more efficient IT operations with its transactional views of business services that complement infrastructure management solutions from CA Technologies
- Empowers IT and business with the data they need to make informed decisions by identifying and isolating performance problems by monitoring health metrics of critical mainframe components and performance of key mainframe resources in a single view

CA Cross-Enterprise APM dashboard depicts overall mainframe health with traffic light indicators.



Related Products/Solutions

CA Cross-Enterprise APM is part of CA Mainframe Operations Intelligence, an integrated solution that provides advanced analytics to proactively identify performance issues and remediate problems faster, and which includes capabilities across:

- CA SYSVIEW® Performance Management
- CA SYSVIEW for DB2 for z/OS
- CA NetMaster® Network Management
- CA OPS/MVS® Event Management and Automation

Additional products that complement CA Cross-Enterprise APM include:

- CA Mainframe Application Tuner
- Nastel AutoPilot for MQ

For more information, please visit ca.com/mainframe

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate – across mobile, private and public cloud, distributed and mainframe environments. Learn more at ca.com.