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IBM CICS Optimization Solution Pack for z/OS, Version 5.3

Optimize for the future

IBM® CICS® Optimization Solution Pack for z/OS® V5.3 delivers a comprehensive portfolio of IBM optimization tools for CICS, so that you can be ready for the growing and changing demands of a mobile-enabled world.

The solution pack combines the features and functions of CICS Deployment Assistant for z/OS (CICS DA) V5.3, CICS Interdependency Analyzer for z/OS (CICS IA) V5.3, CICS Performance Analyzer for z/OS (CICS PA) V5.3, and CICS Configuration Manager for z/OS (CICS CM) V5.3. These four CICS Tools products are complementary and make the end-to-end analysis and optimization of CICS systems and applications faster and easier by supporting improved CICS application performance, more efficient resource utilization, and improved productivity for system administrators. Using these tools together provides a unique set of benefits.

The CICS Optimization Solution Pack offers a suite of tools that are useful separately, but when combined they can provide powerful application and system performance analysis, and automation capabilities. Individually, each of the tools that comprise the solution pack provides you with more insight into activity within CICS, which can help you to reduce CPU consumption, improve response times, plan capacity, and reduce administrative overheads, adding new value to your CICS investments.

Use the CICS Optimization Solution Pack to perform the following tasks:

- Speed up the deployment of performance optimized CICS systems and applications.
- Migrate to the latest release of IBM CICS Transaction Server (CICS TS).
- Implement CICSplex management.
- Identify candidates and implement region consolidation.
- Identify affinities and create workload management policies.

- Identify and confirm the removal of thread-switch hotspots and confirm resulting performance improvements.
- Identify candidates and consolidate CICS regions.

The CICS Optimization Solution Pack can speed up the deployment of performance optimized CICS systems and applications. It provides a tooling set that can be used to optimize single CICS regions or complex topologies.

All CICS Optimization Solution Pack products include integrated plug-ins for CICS Explorer® to simplify use for new staff and to increase productivity of experienced users.

Convenient and affordable

The CICS Solution Packs are a **convenient** and more **affordable** way to purchase key products in the CICS Tools family:

- **Convenient**. Being able to purchase multiple products under a single Product Id can help to simplify client procurement processes.
- **Affordable**. The Solution Pack price represents a reduction in the aggregate price of the individual component products. When trading up, clients with active Subscription and Support contracts can receive Value Unit credit for prior purchases.

Component products

This solution pack provides four key elements. Clients that need to support and optimize complex CICS deployment can run application analysis, performance analysis, and deployment analysis on deployed CICS regions. This analysis process automates the documentation of currently deployed systems. It also provides detailed application understanding, topology discovery and visualization, performance metrics, creation and deployment of the optimized CICS infrastructure, and improved configuration change management with auditability and backout capabilities.

- **CICS IA** is a dynamic discovery tool that helps you to understand the relationships, dependencies, and flows of CICS TS applications, which can

give you more confidence when you update, modernize, and optimize those applications.

- **CICS DA** provides a centralized, complete model of your CICS infrastructure to help improve data discovery. It uses a policy-driven engine to accelerate deployment of new CICS capabilities and line-of-business applications. With CICS DA you can model, visualize, and deploy new and existing CICS regions more quickly and easily.

- **CICS PA** is an offline reporting tool that supports all IT processes that are related to the performance of CICS applications and systems. System programmers, performance analysts, and developers can use comprehensive reports and plug-in views. These resources can help you identify and eliminate the causes of online performance issues, tune CICS systems for optimal performance, and analyze trends for capacity planning and performance bottlenecks.

- **CICS CM** is a tool for administering and maintaining CICS resource definitions. CICS CM provides comprehensive audit, reporting, and life-cycle change management control facilities and supports the build, management, and deployment of complex mainframe CICS applications. With the flexible, modular format you can take a staged approach by integrating CICS CM into your processes gradually.

CICS Tools — your pathway to success

The CICS Solution Packs are members of the CICS Tools family, which supports the CICS environment. CICS Tools are part of the greater IBM z/OS tools portfolio, along with IBM Problem Determination tools, IBM Rational® development and test tools, IBM DB2® and IBM IMS™ data management tools, and IBM Tivoli® management products. CICS Explorer and CICS Tools, along with many z/OS tools, are based on, or integrate with, IBM Explorer for z/OS (z/OS Explorer), so that you can create a powerful, multi-discipline workbench from the common repository of compatible plug-ins.

CICS Tools can help customers who want to implement integrated development operations (DevOps) concepts by improving collaboration between the various roles involved in making and tracking changes, and by enabling tighter and more transparent control over CICS administration. These functions are critical for the smooth operation of CICS, and can also help speed up the overall end-to-end development effort for new and changed applications.

CICS Tools V5.3 support all current releases of CICS TS, and exploits and extends the latest capabilities of CICS TS V5.3, which can help you achieve value from the new version of CICS more quickly.

The tools include modern interfaces that are integrated with CICS Explorer, which helps both new and experienced IT staff be more productive with minimal training, and delivers an integrated solution for all technical roles in an enterprise.

More information

To learn more about the CICS Optimization Solution Pack, contact your IBM representative or IBM Business Partner, or see:

ibm.com/software/products/en/us/cics-opt-sol-pk

For hardware and software requirements component products, go to the *System requirements* tab of this web page.

To learn more about other CICS Tools, see:

ibm.com/cics/tools.

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