

CA Datacom Resource Analyzer r11

CA Datacom Resource Analyzer helps organizations analyze CA Datacom/DB application performance via an online, menu-driven interface that highlights problem areas through a detailed analysis of program and database resource usage.

Business Value

IT organizations are constantly in a state of flux, and skilled personnel are often charged with managing a number of different areas of the IT infrastructure. In a multi-vendor environment, performance management tools must address specific needs in order to be effective. Designed to efficiently examine the underlying CA Datacom/DB technology, CA Datacom Resource Analyzer helps you track down inefficiencies in application development projects and define areas that can take advantage of better database access techniques — ultimately helping you improve overall system performance.

Product Overview

Applications that are critical to the success of your business must be running at peak efficiency. In extremely competitive markets, this is a must in order to grow your business. CA Datacom Resource Analyzer was designed to monitor your CA Datacom/DB applications and optimize business process workloads, helping you ensure that your database applications are reaching their full potential.

Delivery Approach

CA Services provides a portfolio of mainframe services delivered through CA 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's field-proven mainframe best practices and training lower risk, improve use/adoption and ultimately align the product configuration to your business requirements.

What's New, What's Compelling?

Mainframe 2.0

CA Datacom Resource Analyzer r11 has adopted a key Mainframe 2.0 feature that is designed to simplify your use of CA Datacom Resource Analyzer and enable your staff to install, configure and maintain it more effectively and quickly.

- **Electronic Software Delivery (ESD):** The Mainframe 2.0 ESD enables you to install CA Datacom Resource Analyzer r11 using standard utilities — without requiring you to reconstitute a tape cartridge. This new procedure helps speed installation and facilitates a consistent install process across CA mainframe products, shortening the learning curve for mainframe staff.

What's New in CA Datacom Resource Analyzer r11

- **Product Compatibility:** CA Datacom Resource Analyzer has been updated for compatibility in more customer environments, including:
 - › **CA Datacom/DB r11:** Updates were made to the Dynamic System Tables in CA Datacom/DB r11 and this product release exploits these new tables and columns.
 - › **CA Ideal r11:** CA Datacom Resource Analyzer was developed using the CA Ideal application development package. This new product release has been upgraded to run with CA Ideal r11 and CA IPC r11.
 - › **SQL and Non-SQL:** This new release of CA Datacom Resource Analyzer r11 can analyze applications running in CA Datacom SQL environments or environments that do not have this component installed.

Features

Key Capabilities

CA Datacom Resource Analyzer provides:

- **Dynamic System Tables (DSTs):** Offer database space usage and key cardinality information, which is useful to estimate the number of I/Os required for a given request.
- **Accounting Tables:** Trap access information by table for all data access methods.
- **CA Datacom Datadictionary:** Can be accessed directly to obtain table structure definitions.
- **SQL Plans:** Retrieve stored plan metrics for detail reports.
- **SQL Optimization Message Table:** Includes the standard CA Datacom SQL message table.
- **Database Repository:** Captures historical information for on-going performance tracking measurements.
- **Ease of Use:** CA Datacom Resource Analyzer includes an intuitive, online, menu-driven user interface that follows a clear navigational structure. In addition, it also provides easy-to-use drill-downs to the target resource under analysis, as well as a detailed, context-sensitive message system.
- **Flexibility:** With CA Datacom Resource Analyzer, application adjustments require no major changes to existing operational environments, and the product's low profile allows resource utilization to be monitored in production environments.
- **Multiple Access Method:** Supports analysis of a variety of statements and extensions, including:
 - › Industry-standard SQL access method statements
 - › CA Datacom SQL extensions
 - › Set-at-a-Time (SAAT) access method statements based on Compound Boolean Selection (CBS)
 - › CA Datacom/DB Record-at-a-Time (RAAT) access method statements
- **"ZOOM" Feature:** Displays the database access statement currently being analyzed.

- **Intelligent Filters:** Analytical boundaries can be set to determine the scope of the application review. User-defined thresholds can be defined to provide a filter to isolate applications that offer significant opportunities for improvement.

Benefits

CA Datacom Resource Analyzer is used to improve business application performance in a CA Datacom/DB environment and supports such access methodologies as SQL, CBS and RAAT. Through a hierarchical menu structure, this product will show application program activity, database definitions and source code statements that may be involved in potential performance problems.

As an end-user, PFkey-driven tool written in CA Ideal, CA Datacom Resource Analyzer can be used by programmers or database administrators — depending on the security level defined — in a test environment to validate application performance deficiencies or in a production environment to monitor and/or detect performance problems.

Why CA

A key component of both CA's Mainframe 2.0 initiative and Enterprise IT Management (EITM) strategy, CA Datacom Resource Analyzer analyzes all proprietary access methods supported by CA Datacom/DB in addition to the industry-standard SQL command interface — delivering real value by reducing costs through system efficiency tools that are easy to deploy.

CA Datacom Resource Analyzer also delivers optimization management tools that reduce the skill level and human intervention required to support enterprise environments today and in the future. Along with CA SYSVIEW® Performance Management and the CA Datacom AutoScope Tool Set, CA delivers a comprehensive set of tools to ensure that you are getting optimum value from your IT investments.

What's more, the CA Datacom product development team delivers regularly scheduled webcasts that will provide your CA Datacom personnel with current technology topics that can be viewed live or at a time of your convenience.

CA DATACOM/DB APPLICATION BEST PRACTICES

PRODUCT	FUNCTION	KEY FEATURES	BENEFITS
CA Datacom Resource Analyzer	An easy-to-use CA Datacom/DB application optimization tool providing consistent performance analysis for enterprise applications	<ul style="list-style-type: none"> > Online, hierarchical menu structures > User-customized thresholds > Trend analysis > Analysis by program type or access type 	<ul style="list-style-type: none"> > Your staff can deploy this tool quickly > System-specific performance metrics > Prevent outages > Supports batch/CICS and SQL/RAAT/SAAT

FIGURE A

Copyright © 2009 CA. All rights reserved. All trademarks, trade names, service marks and logos referenced herein belong to their respective companies. This document is for your informational purposes only. CA assumes no responsibility for the accuracy or completeness of the information. To the extent permitted by applicable law, CA provides this document "as is" without warranty of any kind, including, without limitation, any implied warranties of merchantability, fitness for a particular purpose, or noninfringement. In no event will CA be liable for any loss or damage, direct or indirect, from the use of this document, including, without limitation, lost profits, business interruption, goodwill or lost data, even if CA is expressly advised in advance of the possibility of such damages.

339840409