

CA ACF2™ Option for DB2 for z/OS

Key Benefits

- **Extended security capabilities** of CA ACF2 for the DB2 environment with separation of security administration duties for additional management control and support to safeguard systems
- **Improved productivity** with single-point, centralized security and consistent logging with straightforward reporting for your mainframe
- **Increased auditability** through the separation of security and database tasks and the promotion of the separation of duties so that DB2 security is not a function of the DB2 database administrator

At a Glance

CA ACF2™ Option for DB2 for z/OS brings the powerful capabilities of CA ACF2™ to your DB2 environment. It provides a centralized security strategy that helps you simplify the complex process of managing access to critical DB2 resources, privileges, and utilities. CA ACF2 Option for DB2 for z/OS delivers consistent security, logging, auditing, and reporting to help your organization more easily manage complex DB2 environments.

Business Challenges

Data security is critical to achieving business efficiency and growth, superior customer service, and information privacy. However, in the application economy there is an increased concern around mainframe security, as over 70 percent of mission-critical data resides on the platform.

DB2 environments remain the storehouse for most systems of record—employee, customer, transactional data, and more—but native DB2 security is no longer enough to keep threats out when hackers are continually trying to get in. To mitigate data breach risks in DB2 environments, organizations must strengthen security, streamline administration, and provide enhanced auditing and compliance capabilities.

Solution Overview

In organizations where a database administrator maintains DB2 security, there is often a serious conflict of duties whenever functional separation is essential to ensuring compliance and protecting vital assets. To manage these challenges, organizations must strengthen security, streamline administration, and provide enhanced auditing capabilities. CA ACF2 Option for DB2 for z/OS protects DB2 resources and helps you control resource sharing by replacing native DB2 security statements with rules that help eliminate cascading revoke issues.

Requirements for securing DB2 resources are just as important as securing data in other applications. As such, CA ACF2 Option for DB2 for z/OS provides the following:

- Protection by default
- Secondary AUTHIDS reduction
- Controlled data sharing
- DB2 ownership and creator concepts
- Changing ownership
- Securing privileges and authorities

Additionally, CA ACF2 Option for DB2 for z/OS helps you authorize resource access in ways that align with your organization's standard security policies and only requires one ID.

Key Features

- **Comprehensive security** for DB2 resources across multiple subsystems
- **Inclusive user management** by allowing you to decide if security for DB2 will be maintained by your database or security administrator
- **Auditing and monitoring** including a variety of audit functions and reports that provide the necessary information to monitor access and assess the propriety of access rights
- **Separation of administrative functions** so that the security and database administration functions comply with your security policies
- **Automated conversion tool** that changes all catalog entries created by GRANT statements to CA ACF2 Option for DB2 for z/OS rules
- **Cleaning up DB2 resources** featuring support for resource rule tracking and when leveraged in conjunction with CA Cleanup for z/OS, all DB2 resources are eligible for monitoring and subsequent deletion

Critical Differentiators

CA ACF2 Option for DB2 for z/OS protects your mainframe systems and data by controlling access to resources. It closely maps security to organizational management practices using a flexible configuration mechanism that automatically associates users to one or more roles. Moreover, CA ACF2 Option for DB2 for z/OS delivers flexible and streamlined administration, helping you quickly and efficiently manage users and control resources enabling a rapid, cost-effective response to changing business needs.

Related Products

- **CA Data Content Discovery.** Find and control regulated mainframe data and classify it for compliance.
- **CA Trusted Access Manager for Z.** Restrict and monitor the activities of privileged accounts while operating 100% on the mainframe.
- **CA Cleanup for z/OS.** Easily automate continuous and unattended security file cleanup.
- **CA Compliance Event Manager for z/OS.** Help identify and control z/OS security exposures.