

CA Top Secret® Option for DB2 for z/OS



At a Glance

CA Top Secret® Option for DB2 for z/OS brings the powerful capabilities of CA Top Secret to your DB2® environment. It helps simplify the complex process of managing access to critical resources, privileges and utilities by providing a centralized security strategy. By extending your mainframe security policy to the DB2 environment, you can implement segregation of duties between security and database administration. In addition, you gain improved productivity with single-point, centralized security, logging, reporting, and audit tracking with the familiar CA Top Secret syntax.

Key Benefits/Results

- **Extended security capabilities** of CA Top Secret to the DB2 environment and separation of security administration duties, giving you additional management control and helps safeguard systems
- **Improved productivity** with single-point, centralized security for your mainframe and consistent security and logging with straightforward auditing and reporting
- **Increased audit ability** through the separation of security and database tasks and the promoting of the separation of duties so that the security in this area is not a function of the DB2 database administrator

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 Top Secret Option for DB2 for z/OS rules
- **Cleaning up DB2 resources** for monitoring and subsequent deletion when coupled with CA Cleanup for CA Top Secret

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 at keeping 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

CA Top Secret Option for DB2 for z/OS protects DB2 resources, privileges and utilities, and allows you to control the sharing of these entities. It replaces native DB2 security GRANT and REVOKE statements with CA Top Secret permissions, eliminating the DB2 cascading revoke issue. Access permissions are defined in CA Top Secret Option for DB2 for z/OS, enabling you to preserve security for dropped objects and write entitlements in advance for objects that have not yet been created. In addition, its powerful profile capabilities allow you to efficiently authorize resource access to groups of users according to your standard security policy.

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

- Access to resources
- Secondary AUTHIDS reduction
- Controlled sharing of data
- Enhanced DB2 ownership and creator concepts
- Changing ownership
- Securing privileges and authorities

Critical Differentiators

CA Top Secret Option for DB2 for z/OS protects your mainframe systems and data by controlling access to resources. It uses a flexible configuration mechanism unique to CA Technologies that automatically associates users to one or more roles, effectively mapping system security to how you manage your organization. In addition, CA Top Secret Option for DB2 for z/OS delivers streamlined administration that helps you to quickly and efficiently manage users, control resources and respond rapidly and cost effectively to changing business needs.

CA Top Secret Option for DB2 for z/OS has been enhanced to provide support for ALIAS ownership. For a DROP ALIAS request, CA Top Secret Option for DB2 for z/OS performs an ownership check for the ALIAS name in the DB2TABLE resource class before checking the SYSCTRL and SYSADM system privileges.

Related Products/Solutions

- **CA Data Content Discovery.** Find and control regulated mainframe data and classify for compliance.
- **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.

For more information, please visit ca.com/mainframe-security

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