

CA CREWS™ Catalog Recovery

CA CREWS™ CATALOG RECOVERY ENABLES ORGANIZATIONS TO SUBSTANTIALLY REDUCE THE TIME AND EFFORT REQUIRED TO PLAN, AND COMPLETE INTEGRATED CATALOG FACILITY (ICF) MANAGEMENT TASKS. BACKUPS ARE EXECUTED AS I/O-BOUND PROCESSES, MINIMIZING CPU UTILIZATION AND DRAMATICALLY REDUCING EXECUTION TIME.

Overview

CA CREWS Catalog Recovery provides IT with the tools that ensure the integrity of their Integrated Catalog Facility (ICF) catalog environment as a whole. CA CREWS Catalog Recovery helps protect and recover critical system catalogs which are the pointers to customer's critical data files. CA CREWS Catalog Recovery automates the resources normally required to locate and correct the many catalog anomalies usually existing in most system catalog environments. These conditions allow catalogs to contain much unusable information and can render slower system catalog access.

Benefits

CA CREWS Catalog Recovery enables catalog data integrity for the critical high-volume enterprise data storage that is the life blood of business. CA CREWS Catalog Recovery achieves this by providing IT with comprehensive ICF Catalog backup, recovery and reorganization solutions. In addition, by employing operational diagnostic capability, CA CREWS Catalog Recovery also enables IT to proactively respond to catalog data corruption before it can impact business with system outages.

CA Advantage

CA CREWS Catalog Recovery provides critical data integrity capability over the standard utilities, substantially reducing the time and resources required for catalog recovery, as well as during ongoing catalog maintenance. The critical nature of ICF Catalogs and the requirement for quick and seamless recovery of catalog data increases the need for a comprehensive solution to catalog integrity.

CA CREWS Catalog Recovery Provides a Comprehensive Solution to Ensure ICF Catalog Data Integrity

Key Capabilities

BACKUP AND RESTORE CA CREWS Catalog Recovery provides a facility for backup and restore of ICF Catalogs, with sophisticated support for forward recovery of catalogs (from a recorded point in time) forward to current state, updating the catalog with changes after prior backups.

REAL-TIME ICF USER CATALOG REORGANIZATION CA CREWS Catalog Recovery provides a facility for concurrent reorganization of ICF User Catalogs (while processing operating system catalog updates). The CA CREWS Catalog Recovery Real Time ICF User Catalog reorganization facility will reorganize a User Catalog in real time, eliminating the need to schedule only during production down times. Catalog update activity is managed in parallel to a rapid reorganization process. Production schedules are not interrupted to allow the catalog reorganization to complete.

CATALOG CHECKUP CA CREWS Catalog Recovery provides a Catalog Checkup facility which, identifies necessary SMF records are recorded for proper catalog recovery, identifies catalogs on shared volumes are defined properly, and identifies catalogs eligible for ECS sharing. This important facility also provides support for customer thresholds, and issues warnings when critical Catalog condition thresholds are reached.

CATALOG DEPENDENCY ANALYSIS TOOL CA CREWS Catalog Recovery automatically analyzes catalog usage to identify critical job interdependency, by interrogating scheduling data from CA 7 Workload Automation. This integration to workload data provides full reporting by application system, job and system catalog.

AUTOMATED CATALOG PROBLEM RESOLUTION CA CREWS Catalog Recovery provides an automated method for clean up of the many ICF catalog based problems. CA CREWS Catalog Recovery provides automated resolution of catalog problems including no Alias, wrong catalog, unused Alias, no user catalog, scratched, un-cataloged, no VVDS or VTOC entries, and orphaned data sets.

MASTER CATALOG ALIAS SYNCHRONIZER In a shared catalog environment, changes made to one master catalog often are not propagated to all other catalogs. This causes users on different LPARS to experience different views of the intended catalog structure. The master Catalog Alias Synchronizer (MCAS) utility provides an automated and efficient process for resolving these types of master catalog and alias conflicts, and keeps all Master Catalogs synchronized.

CA CREWS/VANTAGE INTERFACE CA CREWS Catalog Recovery provides an interface to CA Vantage™ Storage Resource Manager (CA Vantage SRM). With this bridge, users can access the full range of CA CREWS Catalog Recovery features from the CA Vantage SRM GUI interface as well as access to the CA Vantage SRM reporting.

AUTOMATED IDCAMS DIAGNOSE Using its catalog diagnostics CA CREWS Catalog Recovery can generate the remedial IDCAMS storage commands. When diagnosing a catalog, CA CREWS Catalog Recovery finds all volumes for the catalog, allocates these volumes and generates the appropriate comparison statements to check each volume. When diagnosing a VVDS, CA CREWS Catalog Recovery finds the names of all catalogs with the data sets on the VVDS volume, and generates the appropriate COMPAREDS parameter to check all relations to the VVDS.

CA CREWS Catalog Recovery

CA CREWS Catalog Recovery enables customers to rely on the automated backup and restore features as well as Catalog forward recovery, during times of ICF catalog failure, to get the customer data back online in the shortest time frame. In addition CA CREWS Catalog Recovery provides a Real Time ICF User Catalog Reorganization, and an automated method for clean up of the many problems found in today's ICF catalog environments.

The CA Advantage

CA CREWS Catalog Recovery provides all the tools necessary to ensure the integrity of their system catalog environment as a whole. CA CREWS automates the resources normally required to locate and correct the many catalog anomalies usually existing most system catalog environments. CA CREWS Catalog Recovery offers inherent advantages, substantially reducing the time and resources required during emergency catalog recovery, as well as during ongoing ICF catalog maintenance and management.

The Enterprise IT Management Vision (EITM)

As a key component in Catalog solution, CA CREWS Catalog Recovery is also an integral part of the CA's EITM vision to unify and simplify enterprise IT management. To maximize the performance, reliability and efficiency of your overall IT environment means tightly integrating the control and management of additional functions, including operations, storage, security, life cycle and services management. CA's comprehensive portfolio of modular IT management solutions helps the enterprise unify, simplify and secure IT to better manage risk, costs and service — helping ensure that IT meets the business needs of the enterprise.

Next Steps

CA continues to advance CA CREWS Catalog Recovery as a strategic Catalog integrity utility, delivering new enhancements and integration with other CA products, continuing to seek opportunities to add value for our customers and partners.

To learn more, and see how CA software solutions enable organizations to unify and simplify IT management for better business results, visit ca.com/products.