CA Workload Automation Restart Option for z/OS Schedulers

ca technologies

At a Glance

CA Workload Automation Restart Option for z/OS Schedulers (CA WA Restart Option for z/OS Schedulers) allows the data center to self-manage by simplifying the process of rerunning jobs. Its powerful run-handling capabilities reduce the need to restart jobs manually, minimizing restart errors and data corruption.

Key Benefits/Results

- Provides the production control and IT management tools needed to monitor rerun trends, isolate problem areas and make better informed job rerun decisions.

- Speeds recovery times to achieve high availability and performance levels.

- Reduces the need to manually restart tasks and for other labor-intensive tasks such as logging job execution information and creating reports—allowing you to concentrate on business-critical issues.

Key Features

- **Automating reruns** lessens the impact on production and reduces or eliminates restart errors by recording information about a job as it executes, and uses this data to accurately rerun a job when necessary.

- **Job tracking and analysis** feature that determines the causes of reruns to help eliminate recurring problems.

- **Integration with any** CA Workload Automation or Job Management product.

- **Integration for security** by CA ACF2™ for z/OS, CA Top Secret® for z/OS, and IBM's RACF.

Business Challenges

Today's businesses depend on high levels of system availability. Jobs that support business applications, database transaction servers, and enterprise servers must run on schedule for 24x7 processing. A missed deadline can be costly. Moreover, if a critical system is late or unavailable, you run the risk of losing opportunities and missing service level agreement (SLA) commitments.

The rerun process itself is critical to meeting job-flow deadlines and achieving accurate results. Productivity may suffer as staff is diverted to verify data, manually re-sequence schedules or recreate a report or file. Unfortunately, setting up a rerun manually is time-consuming and error prone, and if configured incorrectly, the job may fail again or use invalid data.

Solution Overview

CA WA Restart Option for z/OS Schedulers reduces the need for labor-intensive tasks such as logging job execution information and creating reports, while reducing the need to manually restart tasks. In addition, by reducing the risk of restart errors, this product empowers you to meet or exceed your SLA deadlines and objectives.

CA WA Restart Option for z/OS Schedulers safeguards performance by automating the rerun process and reducing the risk of rerun errors.

CA WA Restart Option for z/OS Schedulers features allows you to automate JCL restarts by:

- automatically determining the restart step without JCL Changes

- performing data set, OS catalog maintenance, and GDG resolution

- reducing "NOT CAT2" conditions

- providing job tracking and job analysis

CA WA Restart Option for z/OS Schedulers includes simulation mode, reports on history of events, and performs return code processing at job and step level.

Critical Differentiators

A flexible step restart selection creates more flexibility in selecting the portions of a job to run and avoids the need to rerun the job multiple times to process the steps required.

Detects dynamically allocated data sets and adds them to the CA WA Restart Option for z/OS Schedulers database similar to the way data sets are allocated in the JCL.

Abender program supports the ABENDPGM keyword in the DBAS configuration file to designate the programs as non-restartable.
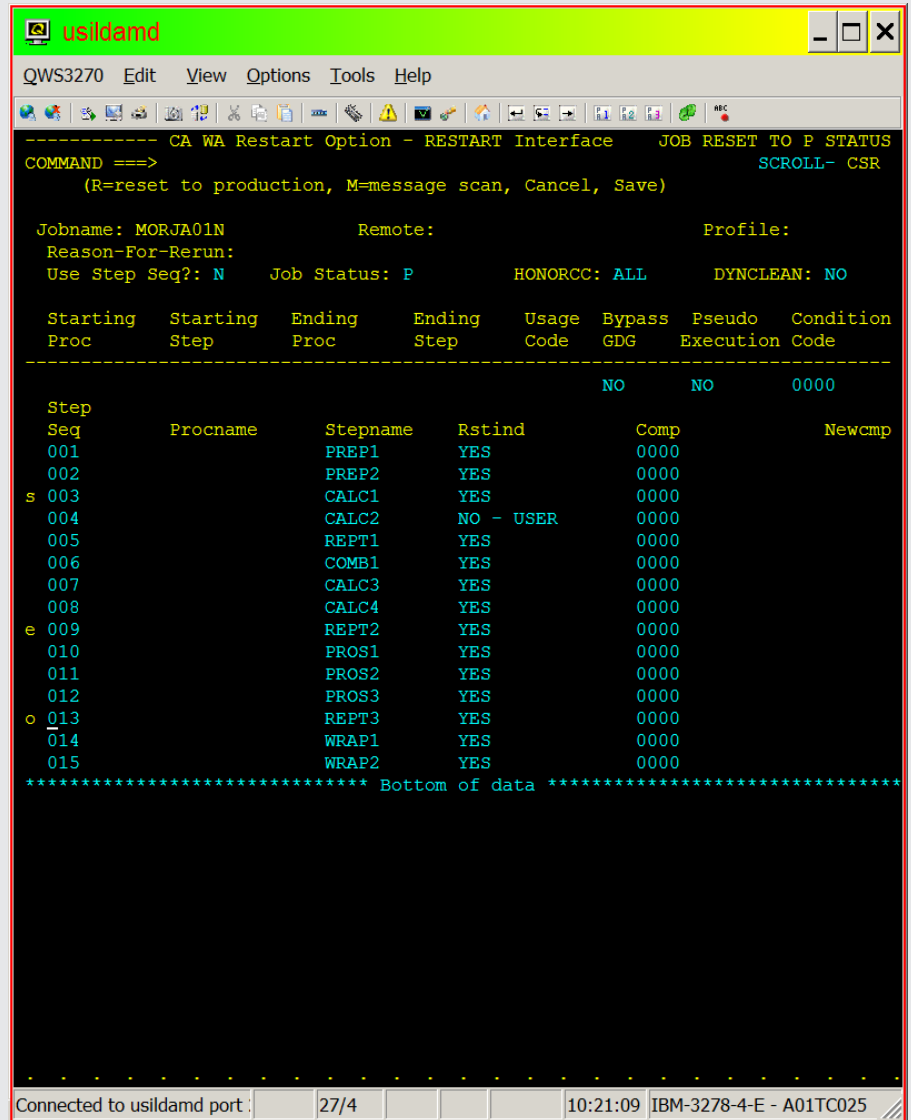
CA Datacom®/DB space monitor delivers a warning notification when an area reaches a specified percentage or threshold.

Delivers audit capabilities for online interfaces and certain batch jobs that include a built-in audit for changes made.

Related Products/Solutions

- CA Workload Automation CA 7® Edition

- CA Workload Automation ESP Edition

- CA Workload Automation Jobtrac Job Management

- CA Workload Automation Scheduler Job Management

- CA Workload Automation Agents

A flexible step restart selection enables you to rerun just the steps required.

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QWS3270   Edit    View   Options   Tools   Help

----------- CA WA Restart Option - RESTART Interface    JOB RESET TO P STATUS
COMMAND ===>                                                 SCROLL- CSR
     (R=reset to production, M=message scan, Cancel, Save)

 Jobname: MORJA01N              Remote:                      Profile:
 Reason-For-Rerun:
 Use Step Seq?: N     Job Status: P          HONORCC: ALL        DYNCLEAN: NO

 Starting   Starting   Ending    Ending    Usage  Bypass  Pseudo     Condition
 Proc       Step       Proc      Step      Code   GDG     Execution  Code
 -------------------------------------------------------------------------------
                                                  NO      NO         0000
 Step
 Seq        Procname     Stepname   Rstind          Comp               Newcmp
 001                     PREP1      YES             0000
 002                     PREP2      YES             0000
s 003                    CALC1      YES             0000
 004                     CALC2      NO - USER       0000
 005                     REPT1      YES             0000
 006                     COMB1      YES             0000
 007                     CALC3      YES             0000
 008                     CALC4      YES             0000
e 009                    REPT2      YES             0000
 010                     PROS1      YES             0000
 011                     PROS2      YES             0000
 012                     PROS3      YES             0000
o 013                    REPT3      YES             0000
 014                     WRAP1      YES             0000
 015                     WRAP2      YES             0000
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