BCV6™
FAST ENHANCED COPIES FOR NON-STOP 24X7 DB2 ENVIRONMENTS

Consistent copying without impacting DB2 availability
When data must come from tables that require 24x7 enterprise availability there is an issue for IT. Users need to query and update the tables without interruption. Stopping the source objects is not a viable option.

Benefits

- *Consistent Copies at any time for 24x7 shops*
- *Clone/migrate/refresh keeping objects fully available*
- *Saves about 90% CPU resources*
- *Allows immediate snapshot of DB2 data*
- *Move weekend jobs to daily processing with minimal impact*
- *Reduce manual efforts, saves nearly 90% of experienced staff's time*
- *Overtime work significantly reduced or even eliminated*
- *Easy integration into environment and space allocation procedures*
- *RUNSTATS, Rebuild Index, etc. jobs eliminated*
- *Less DASD space required due to direct copy technology*

Without stopping the source objects, it can be very difficult to copy tables while preserving consistency between tables and indexes and between different tables. BCV5 minimizes the copy time, but it cannot avoid the impact of changes made to objects while they are being copied. The good news is that DB2 stores information about all these table changes in its log. Our latest development BCV6 is an automated solution that uses the information in the log to bring the copied tablespace to a consistent state.

BCV6 enhances BCV5's rich feature set with the ability to make consistent copies of objects without stopping them or putting them in read-only state. Using information from the source DB2 subsystem log, all changes made to the source tablespace during the copy process are rolled back in the target environment. When the copying finishes, the target tablespace is identical to the source tablespace found at the beginning of the copy process. The quiesce point is a preferred consistency marker in common use.

BCV6 gives the option to create a quiesce point to anchor the target for the log application process. Even if DB2 cannot be quiesced for the objects to be copied, BCV6 is able to create consistent copies. Any pending transactions at the end of the copy process are backed out from the target objects.

» With BCV6 we turned a costly quarterly project into an automated job flow that runs daily. «

Whether copying with or without a quiesce point, bringing tablespaces to a consistent state is only half the battle. The indexes are just as important. They are absolutely necessary for performance reasons, and cannot be out of sync with the underlying tables. BCV6 processes both the indexspaces and tablespaces synchronizing them to the same point in time. This eliminates the need to rebuild the target indexes which can be a lengthy and expensive process. BCV6 also takes care of any LOBs that may be present.

Contact ESAI at: 1-866-464-3724 or sales@ESAIGroup.com

BCV6™ – FAST SUBSYSTEM CLONING

» BCV6 provides the base for our data replication strategy. «

The BCV6 process is completely automated and transparent. Switch on a task option, and BCV6 builds the required tasks into a coherent job stream. The log from the source DB2 is examined, and the information is applied to the target objects. When the copy is finished, it has a consistent set of target objects that are ready for use.

Features

- *Checks and/or generates DDL*
- *Copies DB2 data at the page level*
- *Copies data consistently without object restrictions*
- *Automates treatment of almost everything: OBID, RBA, LRSN, Grants, etc.*
- *Allows for flexible space allocation*
- *Comes with intuitive ISPF interface for easy management*
- *Batch interface automates the creation of large numbers of copies*
- *Offers options for data reduction, data masking, and DDL structure analysis.*

BCV6 uses the same proprietary copy technology as BCV5. The high-speed parallel copy utility provides all of the through put benefits that BCV5 customers have been raving about. Without compromises in 24x7 needs, speed, ease of use, staffing or cost, BCV6 offers an unbeatable value proposition. No other product can challenge BCV6's performance and functionality.

The DB2 High-End Product Line:

BCV4™
Full DB2 Subsystem Clones in minutes versus days

BCV5™
Save 90% CPU & Run Time with each DB2 copy

BCV6™
Log enhanced copies for 24x7 DB2 refresh/migration

BPA4DB2™
Premier advisor for DB2 buffer pool optimization

ULT4DB2™
Easily identify & restore unwanted changes of DB2 data

TUC4DB2™
RTS & Policy driven automation of DB2 data maintenance

XM4DB2™
Pro-active surveillance for a greater DB2 availability

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Contact Us For More Information
We offer a free 30-day trial evaluation as well as private web demo. Learn more about BCV6 and our complete line of DB2 z/OS products at:

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ESAi
Enterprise Systems Associates, Inc.

Tel.: 1-866-GO-4-ESAi
sales@ESAIGroup.com
www.ESAIGroup.com

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