

HSC for z/OS

Homogeneous System Copy

TAKE CONTROL.


Automate and speed up cloning

Eliminate error-prone manual processes

Create quality environments that replicate production

Support 24 x 7 uninterrupted access to data

Perform any HSC scenario



 **HSC for z/OS** automates and controls the processes required to create a homogeneous system copy (HSC) using an optional fast rename feature. Additionally, it addresses and solves common problems incurred when creating a homogeneous system copy.

Homogeneous means that the operating system and the database of the source and target systems are identical. In other words, a cloned system is an exact replica of a source system. Often, such a cloned system is used as a so-called "sand box" in which applications can be tested. Other reasons to clone a DB2 subsystem are to:

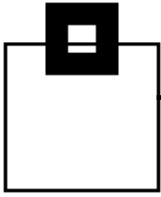
- Create a quality assurance environment that represents a production environment.
- Relieve performance loads on a production system.
- Test new functions of, e.g., SAP or PeopleSoft.
- Provide 24x7 accesses to data.

Although no tool is required to clone a subsystem, doing so is complex and error prone because it requires:

- Highly skilled specialists with in-depth experience in DB2 techniques and environmental specifics.
- A number of complex processes and batch jobs that must be customized and executed on a regular basis.
- Manual interventions in a precise order with control mechanisms in place.
- Deep technical knowledge into the catalog with advanced technology that supports different fast renaming to support different naming conventions between different environments.
- Lots of time because cloning without a tool can take days.

Cloning with  HSC accomplishes in minutes what might otherwise take days to do. With  HSC even *daily* cloning is possible.





FEATURES

Data sharing to data sharing

Non-data sharing to non-data sharing and vice versa

Data sharing to non-data sharing

Cross DB2 versions, from V8 to V9 and from V9 to V8.

A problem with most replication tools is they don't support internal volume names, volume internals, or different naming conventions for different systems. While some have built-in technology for this, many manual actions are still required without proper control and automation.

■HSC features include:

- Presents and controls all required processes to do a homogenous system copy.
- Controls the required sequence of all actions and batch jobs.
- Supports any homogeneous system copy scenario.
- Administers control and selection of target and source systems.
- Automates manual activities like starting and stopping DB2 (optional).
- Easy customization and generation of all the necessary batch jobs that perform the homogeneous system copy.
- The submission of all generated jobs and their status is controlled via an online execution facility. Flexible submission options allow you to control the scope of parallelism.
- Extendable renaming capability.
- Supports the interruption of a clone process and insures its proper continuation.
- An optional fast renaming feature speeds up the entire cloning process.

Cloning with ■HSC for DB2 z/OS accomplishes in minutes what might otherwise take days to do. Therefore, the effort to maintain a cloned system that actually reflects a production system can be an automated process that can easily be done on a regular, if not daily, basis.



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