



Fact Sheet

What is TERADON?

TERADON is an MVS utility for moving BCS entries from one ICF catalog to another. TERADON can perform its function whether the associated datasets are CLOSED or OPEN.

The major differences between IBM's REPRO MERGECAT and TERADON are:

TERADON can perform the REPRO MERGECAT process significantly faster.

TERADON can move data set records to the TARGET catalog while the data sets are OPEN.

Why is TERADON necessary?

Without TERADON, the user is typically forced to schedule standalone time to perform the REPRO MERGECAT.

With TERADON, online systems can remain active and their files can remain OPEN. Requests for each OPEN file that has had its catalog records moved will automatically be redirected to the new TARGET catalog by TERADON.

How does TERADON perform its function?

TERADON will create an address space (ORXMAIN) and dynamically enable its catalog management mirroring routines. The ORXMAIN address space monitors files requiring mirroring. Since the associated file can be OPEN, this process ensures catalog management requests are correctly handled and directed to the "target" ICF catalog.

TERADON will require 8K of ECSA and 8 bytes of CSA. All other storage areas are contained within the TERADON address space: ORXMAIN and its associated common data space, ORXDATA.

What are the TERADON commands?

MIRROR

Used to report on information from TERADON's address space and mirroring routines. This will include a list of all files which remain OPEN since the REPRO MERGECAT WHILEOPEN was run. Once a file is CLOSED, TERADON automatically removes the file from its control.

REPRO

Used to select and move entries from one BCS to another. If data sets are OPEN, TERADON will automatically start the necessary procedures and establish its system interfaces.

Contains a powerful SIMULATE feature that can be used to:

- Produce a list of selected files
- Produce a list of files that are currently OPEN
- Read the TARGET catalog to look for potential duplicate entries

What are some of the unique features?

Data integrity is of the utmost importance to TERADON. Copies of records are kept until all records have been moved to the TARGET catalog, and the associated ALIAS within the master catalog has been reoriented. If an error or an abend occurs, or even if the system crashes due to other system activity, at any point during the REPRO process, the user can feel confident that their catalogs and data sets are immediately available and intact.

TERADON comes with a THROTTLE capability. While you may be moving a single HLQ from the SOURCE catalog, there may be other entries in the catalog. Why lock out access to the catalogs for everyone? TERADON can be instructed to pause its activity, allow other users to access the catalogs involved in the REPRO, then restart its processing. Users will not be able to access records in the catalog involved in the REPRO, but all other entries can be read/updated/deleted.

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