z/OS V1R13

DFSMS VSAM RLS BMF enhancements
Overview
- Problem Statement
  - Currently, VSAM RLS spheres remain connected for a short period of time after a data set is closed. If the data set is not intended to be reopened quickly, the buffers and its associated resources occupy valuable buffer pool storage that could be used for other data sets.
- Solution
  - Setting a new storage class attribute allows the buffers and its resources for a data set be released sooner when the data set is last closed in the system.
- Benefit / Value
  - Beneficial to environment with applications don't quickly re-open the same data sets.
  - Environment that is often short of buffer pool space.

Usage and invocation
- A new storage class attribute for a data set:
  Disconnect Sphere at CLOSE . . . . N (Y or N)
- "**Y**" means sphere should be disconnected at the time the data set is last closed in the system.
- Default is "**N**", same as current behavior.
- For data sets that are repeatedly closed and reopened quickly, it's best to keep the default of "N" (Don't need to re-prime buffers upon reopen)*.*

Migration and coexistence considerations
- None

Session summary
- Setting a new storage class attribute allows the buffers and the associated resources for a data set be released upon CLOSE. This frees up buffer pool storage to be used by other data sets.
- Intended for data sets that are not reopened quickly after CLOSE.

Appendix - References
- z/OS V1R13 DFSMS: z/OS Using Data Sets, SC26-7410-11
- z/OS V1R13 DFSMSdfp Storage Administration, SC26-7402-15
- z/OS V1R13 DFSMS: Using the Interactive Storage Management Facility, SC26-7411-08