

z/OS V1R13

BCP GRS: Latch identity support for D GRS,C

Overview

- Problem Statement / Need Addressed
 - Latch contention can be difficult to diagnose
 - Latch sets and their associated latches can be difficult to categorize
 - Latch Identity exploitation gives latches names
 - The “D GRS,C” system command did not support Latch Identities
 - “D GRS,JOBNAME” didn't either
 - The “D GRS,ANALYZE” command did, but is not consistently used
- Solution
 - Latch Identity display has been extended to include these
- Benefit / Value
 - Improved diagnostics for latch contention problems

Usage and invocation

- D GRS,C,LID
- D GRS,JOBNAME=xxx,LID
- Notes:
 - LATCHID can be used interchangeably with LID
 - ISG343I updated to display the Latch Identity name
 - “(ID NOT SPECIFIED)” displayed when identity was not provided
 - “T” suffixes the display when identity is greater than 255 characters
 - Message ISG375I issued if identity information is inaccessible
 - This is consistent with support in “D GRS,ANALYZE”

Appendix - References

- z/OS V1R13.0 MVS Planning: Global Resource Serialization
 - Document Number SA22-7600-xx
- z/OS V1R13.0 MVS System Commands
 - Document Number SA22-7627-xx
- z/OS V1R13.0 MVS System Messages, Vol 9 (IGF-IWM)
 - Document Number: SA22-7639-xx