

z/OS V1R13

BCP GRS: Diagnosis for GQScan CC

Overview

- Problem statement / need addressed
 - GQScan failure of return code c, reason code c is ambiguous
 - It can be the result of communication problems with various systems
 - It can also be the result of several different internal errors
 - ISGQuery qscan has a corresponding ambiguity issue
 - Return code 10x, reason code 1005x
- Solution
 - Provide two new messages with diagnostic words and system names
- Benefit / value
 - Improved diagnostics for many qscan problems

Usage and invocation

- After a GQScan that results in return code cx reason cx,
- After an ISGQUERY qscan with return code 10x reason 1005x,
 - One of the following messages will be issued:
- ISG377I GRS QSCAN INTERNAL ERROR, DIAG=diag
- ISG378I GRS QSCAN ERROR COMMUNICATING WITH SYSTEM sysname, DIAG=diag

Interactions and dependencies

- None

Migration and coexistence considerations

- None

Installation

- None

Appendix - References

- z/OS V1R13.0 MVS planning: Global resource serialization
 - Document number SA22-7600-xx
- z/OS V1R13.0 MVS assembler services reference ABE-HSP
 - Document number SA22-7606-xx
- z/OS V1R13.0 MVS assembler services reference IAR-XCT
 - Document number SA22-7607-xx
- z/OS V1R13.0 MVS system messages, vol 9 (IGF-IWM)
 - Document number: Sa22-7639-xx