Z/OS V1R13

z/OS UNIX: Lost message detection

Overview
- Problem Statement / Need Addressed
  - Need increased diagnostic capability to detect lost XCF messages between z/OS UNIX members.
- Solution
  - Utilize XCF ordered message delivery along with assigning sequence numbers to messages. Each message sequence number will be checked.
  - A lost or duplicate message results in a two system dump.
- Benefit / Value
  - Timely service data.

Usage and invocation
- New PARMLIB keyword:
  LOSTMSG(<u>ON</u>|OFF)
- SETOMVS console command update:
  SETOMVS LOSTMSG=ON|OFF

Interactions and dependencies
- Software Dependencies: none
- Hardware Dependencies: none
- Exploiters: none

Migration and coexistence considerations
- LOSTMSG(ON) incurs a performance penalty in high z/OS UNIX traffic environments.
  - zFS SYSPLEX=FILESYS environment reduces z/OS UNIX traffic, however.

Installation
- None

Session summary
- LOSTMSG(ON) is enabled for z/OS R13.

Appendix - References
- SA22-7592-22 z/OS V1R13.0 MVS Initialization and Tuning Reference
- SA22-7627-26 z/OS V1R13.0 MVS System Commands