z/OS V1R13

zFS: Automatic re-enablement of disabled aggregates

Overview
- zFS automatic re-enablement of disabled aggregates
- Problem statement / need addressed
  - When zFS has an internal failure that requires zFS to disable an aggregate, the file system must be explicitly unmounted and then mounted to recover the file system
- Solution
  - Implement a zFS capability to automatically re-enable a disabled aggregate
- Benefit / value
  - zFS can recover a disabled aggregate without administrator intervention

Usage and invocation
- zFS automatic re-enablement of disabled aggregates
  - zFS automatic re-enablement of disabled aggregates occurs automatically if zFS disables an aggregate
  - zFS ownership of a disabled zFS sysplex-aware file system can change during automatic re-enablement of the disabled aggregate
  - As before, applications can see failures as a result of zFS disabling an aggregate
  - Administrators should run IOEAGSLV (the salvager) against the aggregate at the earliest convenience

Interactions and dependencies
- Software dependencies
  - None
- Hardware dependencies
  - None
- Exploiters
  - Any users of zFS in R13

Migration and coexistence considerations
- None

Installation
- Changes in zFS installation
  - None

Appendix - References
- Publications
  - z/OS Distributed File Service zSeries File System Administration (SC24-5989)
  - z/OS Distributed File Service Messages and Codes (SC24-5917)