

IBM Education Assistance for z/OS V2R2

Item: Dynamic APF SMF Record

Element/Component: BCP Contents Supervisor (CSV)



Agenda

- Trademarks
- Presentation Objectives
- Overview
- Usage & Invocation
- Presentation Summary
- Appendix



Trademarks

- See url <http://www.ibm.com/legal/copytrade.shtml> for a list of trademarks.



Presentation Objectives

- Understand the new SMF record for dynamic APF updates



Overview

- Problem Statement / Need Addressed
 - Dynamic APF changes are not tracked by SMF record so changes cannot be monitored
- Solution
 - SMF type 90 subtype 37 record upon dynamic APF changes
- Benefit / Value
 - Improved auditability



Usage & Invocation – Type 90 Subtype 37

- Mapped by IFASMFR macro (which indirectly includes macro CSVAPSMF)
- Produces SMF record for each post-IPL APF change (APF statement in PROGxx, SETPROG APF command, CSVAPF macro).
- Event Types
 - Add, Delete, Change to dynamic format, change to static format
- No record for IPL definition (PROGxx or IEAAPFxx). You can use DISPLAY PROG,APF to get the current APF list into the system log



Usage & Invocation – Fields in the record

- Function
- Origin (CSVAPF, SET PROG, SETPROG with PROGxx suffix)
- Data set name
- Volume ID
- Timestamp of the operation
- Jobname of the requester
- CHKEY (e.g., stepname) of the requester
- Console ID of the requester
- Security product user token (Utoken) of the requester



Presentation Summary

- Dynamic APF update results in SMF 90-37 record



Appendix

- Publications:
 - System Management Facility

