

# IBM Education Assistance for z/OS V2R3

SMF Record Updates  
Element/Component: CSV

# Agenda

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# Trademarks

- See url <http://www.ibm.com/legal/copytrade.shtml> for a list of trademarks.
- Additional Trademarks:
  - None

# Session Objectives

- **Describe the SMF Record updates with Contents Supervision**
- **Describe the APFSMFALL parameter of PROGxx**

# Overview

- **Problem Statement / Need Addressed**
  - **Problem: Initial support had “console ID” which was not helpful enough**
  - **Problem: Records for “APF update” showed actual changes, not things that left the state unchanged**
- **Solution**
  - **Add a way to access the “console name”**
  - **Provide the APFSMFALL parameter of PROGxx**
- **Benefit / Value**
  - **More consumable SMF records with better content**

## Usage & Invocation

- **(Offsets are within the area located by SMF90DOF)**
- **Dynamic APF SMF record (type 90 subtype 37)**
  - The RACF UTOKEN is stored in its “unencrypted format”
  - The UserID field within the UTOKEN is at offset x'98'
  - The console name is provided at offset x'A8'
- **Dynamic LNKST SMF record (type 90 subtype 29)**
  - The RACF UTOKEN is stored in its “unencrypted format”
  - The UserID field within the UTOKEN is at offset x'60'
  - The console name is provided at offset x'70'
- **Dynamic LPA SMF record (type 90 subtype 31)**
  - The RACF UTOKEN is stored in its “unencrypted format”
  - The UserID field within the UTOKEN is at offset x'68'
  - The console name is provided at offset x'78'

# Usage & Invocation

- **APFSMFALL**
  - When specified, the SMF record includes information about updates that are “already in the correct state”. Defaults to current behavior of not placing “no change” cases in the SMF records
  - The SMF record identifies this situation by a bit:  
**SMF90T37\_AlreadyAsNeeded**  
The x'01' bit in byte SMF90T37Flags (offset 1)

# Interactions & Dependencies

- Software Dependencies
  - None
- Hardware Dependencies
  - None.
- Exploiters
  - N/A



# Migration & Coexistence Considerations

- None

# Installation

- No unique considerations

# Session Summary

- Console name added to some dynamic APF, dynamic LNKST, dynamic LPA SMF records
- APFSMFALL provided

# Appendix

## Publications:

- MVS System Management Facilities (SMF)