

CA SMF Director®

Release Notes

Release 12.7



Second Edition

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CA Technologies Product References

This document references the following CA Technologies products:

- CA Chorus™ Software Manager (CA CSM)

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Documentation Changes

The following documentation updates have been made since the last release of this documentation:

Updated the following sections:

- [Full Extended Address Volume \(EAV\) Support](#) (see page 10)
- [ARCHIVE With LOGSTREAM Dumping](#) (see page 11)

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Chapter 1: New Features

This section contains the following topics:

[Configuration Deletion](#) (see page 8)

[Enhanced BACKUP Capability](#) (see page 8)

[Full SMS Class Support](#) (see page 9)

[SPLIT File Index Management Based on Days](#) (see page 9)

[SubCapacity Reporting Tool Extracts](#) (see page 9)

[Generated Configuration Statements](#) (see page 9)

[Sending Error Messages to the Console](#) (see page 10)

[Online Extract Generator](#) (see page 10)

[Loss of Data Warning - SMF Type 7 now detected by CA SMF Director](#) (see page 10)

[Full Extended Address Volume \(EAV\) Support](#) (see page 10)

Configuration Deletion

The DELETE control statement allows for the deletion of both system and stream configuration information from the SCDS. This function does require that a BACKUP of the SCDS run before deleting any configuration.

CA SMF Director has a significant amount of flexibility regarding how it can be installed. Implementations are not stagnant and can be modified to accommodate changing business and operational plans.

As an example a customer can have a single installation of CA SMF Director that is installed and processing data from multiple systems (LPARS). They can also install CA SMF Director in multiple LPARS and process only the data from that LPAR. When customers, move the processing for a system from an LPAR with multiple systems being processed to CA SMF Director running in another LPAR for a specific system there can be some problems. The information reported through the LISTC command against the SCDS files can be misleading. The problem only exists when the system is already being processed and the historical information must be migrated to the new SCDS. The historical information is retained in the Index records and a configuration record for the system within the SCDS.

We do have a process that customers can follow to move processing from one LPAR to another LPAR. Following the installation of CA SMF Director in another target LPAR. This process includes, making a copy of the current SCDS to the new SCDS.

The SCDS file from the original LPAR is backed up. The index records are deleted for all the systems that are not being processed in the new LPAR. The index records in the original SCDS file for the system that is being moved are deleted. Unfortunately the configuration records remain in both SCDS.

Customers can use the LISTC command on a SCDS to identify the data that is being processed. In this case, both SCDS files look identical given the configuration records still exist. At this point, CA SMF Director is working fine in both LPARS. This change provides the ability to delete the unneeded configuration records in each SCDS.

For more information about the new DELETE control statement, see the *CA SMF Director User Guide*.

Enhanced BACKUP Capability

The SCDS backups can be run simultaneously while an extract job is also executing. Previously the SCDS backup job needed exclusive control and would not run until the extract job were completed. With this enhancement, CA SMF Director no longer requires exclusive control to run a BACKUP of the SCDS provided there are no active dump processes.

Full SMS Class Support

CA SMF Director provides full support for SMS Data and Management Classes in addition to the previously existing SMS Storage Classes. Additionally, the mutual exclusivity between storage classes and units has been removed for History Files.

Specifically:

- The new operands PDATAAC, PMGMTAC, ADATAAC, and AMGMTAC have been added to the OPTIONS, DUMPOPTIONS, and STREAMOPTIONS control statements.
- The PSTORC and PDEVN operands are not mutually exclusive on the OPTIONS, DUMPOPTIONS, and STREAMOPTIONS control statements.
- The ASTORC and ADEVN operands are not mutually exclusive on the OPTIONS, DUMPOPTIONS, and STREAMOPTIONS control statements.
- The new operands TIMEDATAAC and TIMEMGMTAC have been added to the SPLIT control statement.

For more information, see *CA SMF Director User Guide*.

SPLIT File Index Management Based on Days

Previously split file index entry retention was defined by specifying the number of entries to be retained. With this enhancement, the retention of the entries can be specified in days. This enhancement can allow customers to retain the information for an appropriate amount of time. The new INDEXDAYS operand is provided on the SPLIT and EXTRACT control statements to manage the size of the Split File Index. As a result of this enhancement CA SMF Director can now optionally delete entries older than the number of days that are specified when updating the index.

SubCapacity Reporting Tool Extracts

The SCRT operand is provided on the EXTRACT and PRINT control statements allowing for easier date range setting when gathering data for use with IBM's SubCapacity Reporting Tool (SCRT). The operand allows you to go back by any number of months, up to 99, from the present month.

Generated Configuration Statements

The utility program, SMFIGCMB, generates a file with the necessary control statements that can be used to recreate an existing SCDS configuration.

Sending Error Messages to the Console

An option has been added to send all messages that are generated by SMF Director that are E level or higher to the operator console through the new WTOERR operand. As a result, event management solutions such as CA OPS/MVS can be used to automate corrective action. For more information about message levels, see the *CA SMF Director Messages Guide*.

Online Extract Generator

Customers can now create and submit requests for information through the CA SMF Director online interface. This interface can make it easier for customers to create successful extracts independently. The SMFDOL online interface has been enhanced to include this capability.

Loss of Data Warning - SMF Type 7 now detected by CA SMF Director

With more SMF records being created and written, the possibility of losing SMF data due to volume has become an issue. If z/OS loses SMF data then z/OS produces an SMF Type 7 record. CA SMF Director has been enhanced to detect the Type 7 record and generate a message, CAF2224I, that is written to the Audit Trail report and the JOB log. This new message indicates how many records were lost, and if available, the reason for the loss. If a customer wants to automate corrective action, they can write a rule in their event management solution such as CA OPS/MVS.

Full Extended Address Volume (EAV) Support

All output DASD files from CA SMF Director can now be written on EAV devices in the Extended Address space on the device. This files includes History Files, Split Files and Extract Files.

Chapter 2: Enhancements to Existing Features

This section contains the following topics:

[WHEN Limitations on EXTRACT and PRINT](#) (see page 11)

[ARCHIVE With LOGSTREAM Dumping](#) (see page 11)

[CA CSM](#) (see page 11)

[Documentation](#) (see page 11)

WHEN Limitations on EXTRACT and PRINT

The lower offset limit of 14 has been removed from the WHEN operand on EXTRACT and PRINT. The operand can now specify any offset starting at 0. This change enables users to do a more precise search.

ARCHIVE With LOGSTREAM Dumping

For sites that have DASD constraints, CA SMF Director supports the use of the ARCHIVE directive when dumping SMF data from System Logger Logstreams. ARCHIVE deletes the records from the logstream being dumped after they have been successfully written to the History Files.

CA CSM

CA Mainframe Software Manager™ (CA MSM) is renamed to CA Chorus™ Software Manager (CA CSM) and adopts the CA Chorus look-and-feel.

CA CSM Release 5.1 lets you manage and organize tasks with policies. Use task management policies to copy, delete, and move task output. Select tasks that are based on criteria including their age and their type. Create task policies using the Task Policy wizard.

Note: For more information, see the *CA Chorus Software Manager User Guide*.

Documentation

This section contains topics that are related to documentation enhancements.

Installation Guide

The Installation Guide has been restructured and describes the following methods of installing your product:

- CA CSM
- Pax-Enhanced Electronic Software Delivery (Pax ESD)
- DVD

Appendix A: Messages

This section lists the new messages in Release 12.7.

Note: For information about each message, see the *Message Reference Guide*.

CAF0720W

SID sid-name NOT DEFINED IN SCDS

CAF0721W

STREAM stream-name NOT DEFINED FOR SID sid-name

CAF0722E

DELETE REJECTED. BACKUP REQUIRED

CAF0723I

Delete accepted for processing

CAF0724I

FORCE IS IN EFFECT

CAF0725I

STREAM stream-name DELETED FOR SID sid-name

CAF0726I

SID sid-name DELETED

CAF0727E

MEMORY NOT AVAILABLE FOR DELETE TABLE

CAF0728S

MEMORY NOT AVAILABLE FOR DELETE BUFFERS

CAF0900E

SPLIT FILE xxxxxxxx DD MISSING

CAF0963E

SPLIT FILE INDEX xxxxxxxx DOES NOT EXIST

CAF0964E

DUPLICATE INDEX xxxxxxxx DD MISSING

CAF0965I

DSN=dsn SC=storage-class MC=management-class DC=data=class UNIT=unit
VOL=volser

CAF0998E

INVALID SCRT VALUE SPECIFIED – VALUES 0-99 ARE VALID

CAF1251E

operand-name OPERAND VALUE MUST BE YES OR NO

CAF2224I

SMF RECORDS LOST nnn FROM fromdatetime TO todatetime SID sid LS logstream
FLOOD RECORD TYPE rtype

CAF2225W

LOAD FAILURE FOR SMFITYP7

CAF2904E

LOAD FAILED FOR MODULE SMFIGCMP

CAF4039T

SMF DIRECTOR LOGSTREAM DUMPING REQUIRES APF AUTHORIZATION

CAF5301W

A DATE INDICATED FOR THE EXTRACT IS INVALID

CAF5302W

A TIME INDICATED FOR THE EXTRACT IS INVALID

CAF5303W

THE SMF ID xxxx WAS NOT FOUND IN THE SCDS

CAF5305I

THE DATA SET NAME INDICATED WAS NOT FOUND