

CA PMO™ Runtime Performance Optimizer

Release Notes

r4.4



This Documentation, which includes embedded help systems and electronically distributed materials, (hereinafter referred to as the "Documentation") is for your informational purposes only and is subject to change or withdrawal by CA at any time.

This Documentation may not be copied, transferred, reproduced, disclosed, modified or duplicated, in whole or in part, without the prior written consent of CA. This Documentation is confidential and proprietary information of CA and may not be disclosed by you or used for any purpose other than as may be permitted in (i) a separate agreement between you and CA governing your use of the CA software to which the Documentation relates; or (ii) a separate confidentiality agreement between you and CA.

Notwithstanding the foregoing, if you are a licensed user of the software product(s) addressed in the Documentation, you may print or otherwise make available a reasonable number of copies of the Documentation for internal use by you and your employees in connection with that software, provided that all CA copyright notices and legends are affixed to each reproduced copy.

The right to print or otherwise make available copies of the Documentation is limited to the period during which the applicable license for such software remains in full force and effect. Should the license terminate for any reason, it is your responsibility to certify in writing to CA that all copies and partial copies of the Documentation have been returned to CA or destroyed.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, CA PROVIDES THIS DOCUMENTATION "AS IS" WITHOUT WARRANTY OF ANY KIND, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. IN NO EVENT WILL CA BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY LOSS OR DAMAGE, DIRECT OR INDIRECT, FROM THE USE OF THIS DOCUMENTATION, INCLUDING WITHOUT LIMITATION, LOST PROFITS, LOST INVESTMENT, BUSINESS INTERRUPTION, GOODWILL, OR LOST DATA, EVEN IF CA IS EXPRESSLY ADVISED IN ADVANCE OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE.

The use of any software product referenced in the Documentation is governed by the applicable license agreement and such license agreement is not modified in any way by the terms of this notice.

The manufacturer of this Documentation is CA.

Provided with "Restricted Rights." Use, duplication or disclosure by the United States Government is subject to the restrictions set forth in FAR Sections 12.212, 52.227-14, and 52.227-19(c)(1) - (2) and DFARS Section 252.227-7014(b)(3), as applicable, or their successors.

Copyright © 2011 CA. All rights reserved. All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.

CA Technologies Product References

This document references the following CA Technologies products:

- CA Mainframe Software Manager (CA MSM)
- CA PMO™ Runtime Performance Optimizer (CA PMO)
- CA Auditor for z/OS (CA Auditor) (formerly known as eTrust® CA-Examine® Auditing)

Contact CA Technologies

Contact CA Support

For your convenience, CA Technologies provides one site where you can access the information that you need for your Home Office, Small Business, and Enterprise CA Technologies products. At <http://ca.com/support>, you can access the following resources:

- Online and telephone contact information for technical assistance and customer services
- Information about user communities and forums
- Product and documentation downloads
- CA Support policies and guidelines
- Other helpful resources appropriate for your product

Providing Feedback About Product Documentation

If you have comments or questions about CA Technologies product documentation, you can send a message to techpubs@ca.com.

To provide feedback about CA Technologies product documentation, complete our short customer survey which is available on the CA Support website at <http://ca.com/docs>.

Contents

Chapter 1: New Features	7
CA Mainframe Software Manager	7
Support for the XCF Enhanced Data Transmission	7
CA PMO Health Check	8
CA OPS/MVS System State Manager	8
CA Auditor Support	8
Chapter 2: Enhancements to Existing Features	9
ECSA Storage Now Used	9
Documentation	9
Installation Guide	9
Best Practices Guide	9
CA HTML Bookshelf	10
Chapter 3: Features Removed	11

Chapter 1: New Features

This section contains the following topics:

[CA Mainframe Software Manager](#) (see page 7)

[Support for the XCF Enhanced Data Transmission](#) (see page 7)

[CA PMO Health Check](#) (see page 8)

[CA OPS/MVS System State Manager](#) (see page 8)

[CA Auditor Support](#) (see page 8)

CA Mainframe Software Manager

CA MSM is an application that simplifies and unifies the management of CA Technologies mainframe products on z/OS systems.

CA MSM provides services that make it easier for you to do the following:

- Acquire, install, and deploy products
- Automatically obtain and apply maintenance

These services enable you to easily manage your software based on industry accepted best practices. A web-based interface makes the look and feel of the environment friendly and familiar, enabling you to install and maintain your products faster and with less chance of error.

You can acquire CA MSM from the CA Support website.

Note: For more information, see your product's installation instructions and the CA Mainframe Software Manager online help.

Support for the XCF Enhanced Data Transmission

When CA PMO detects an update about libraries and other events that might invalidate its cache entries, it needs to communicate these events to PMOs on other systems. In previous releases, a PMO control file was used to communicate these changes. PMO has been updated in this release to use the XCF enhanced data transmission to communicate with other PMO systems within the same sysplex. The control file will continue to be used to communicate across sysplexes. PMO implements messaging within the XCF enhanced data transmission to communicate updates between LPARs within the same Sysplex.

The control file option is still available for communicating across Sysplexes and for those customers who choose not to use the XCF enhanced data transmission.

CA PMO Health Check

CA PMO is now integrated with the IBM Health Checker for z/OS through the CA Health Checker Common Service, and automatically checks for the following potential problems:

PMO_TIME_BETWEEN_SORTS

This CA PMO health check ensures that the managed list is big enough to provide best performance for directory searches of LNKLST members with CA PMO.

PMO_LNKLST_MEM_NOT_FND

This CA PMO health check ensures that CA PMO is adequately assisting LNKLST searches.

PMO_NUMADDED_EXCEEDED_PCT

This CA PMO health check ensures there are enough entries for private libraries.

For more information, see the appendix “CA PMO Health Checks” in the *CA PMO System Programmer's Guide*.

CA OPS/MVS System State Manager

Your product can automatically communicate active status events and heart beat events to CA OPS/MVS EMA. The communication is established through a generic active status or heartbeat event API call that CA OPS/MVS EMA provides. With this feature, other products can communicate events consistently to CA OPS/MVS EMA.

CA Auditor Support

CA PMO now supports the CA Auditor product. This enhancement adds data-only Program Description Modules (PDMs) that describe CA PMO front ends, SVC intercepts, and so on. It allows the auditing feature of CA Auditor to recognize CA PMO and keep it up to date with current development standards.

Chapter 2: Enhancements to Existing Features

This section contains the following topics:

[ECSA Storage Now Used](#) (see page 9)

[Documentation](#) (see page 9)

ECSA Storage Now Used

As PMO initializes, SVC routines and control blocks are allocated in ECSA storage. PMO no longer uses CSA memory below the line.

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 MSM

Best Practices Guide

The documentation set now includes a *Best Practices Guide*. This guide provides a brief introduction to CA Technologies Mainframe 2.0 strategy and functionality, and describes the best practices for installing and configuring CA PMO.

These best practices represent years of product experience, much of which is based on customer experience reported through interviews with development, technical support, and technical services. Therefore, many of these best practices are truly a collaborative effort stemming from customer feedback.

CA HTML Bookshelf

This release contains the CA HTML bookshelf, which is an HTML help system that provides access to all deliverables in the product documentation set in both HTML and PDF. HTML provides robust online viewing and search capabilities, while PDF provides a print-friendly option.

The HTML bookshelf features include:

- A single help screen that displays all documentation for this release.
- An all-in-one search tool that searches the entire documentation set and returns matches found in both the HTML and PDF formatted documentation, without the need for a specialized .PDX index file.
- Additional links for using the bookshelf, downloading Acrobat Reader, and contacting CA Technologies.

Note: You must have Adobe Reader 8 or above to view the PDF files in the bookshelf.

Search the Bookshelf

The bookshelf includes a search facility that helps you locate information throughout the set.

To search the bookshelf

1. Enter your search criteria in the Search field in the upper right corner of the bookshelf and press Enter.

The search returns HTML results listed by topic and PDF results listed by guide. The results are sorted by date so that the most recently updated topics or PDFs appear at the top of the list. To find a topic in a PDF, open the PDF and view the list of topics within the PDF that match the search criteria.

2. (Optional) Click Sort by Relevance.

The list is reordered so that the HTML topics or PDFs that contain the most matches appear at the top of the list.

Chapter 3: Features Removed

CA PMO r4.4 must now be installed using SMP/E. The option to install without SMP/E has been removed from the product.