

CA Deliver™

Release Notes

Release 11.7



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CA Technologies Product References

This document references the following CA products:

- CA ACF2™
- CA Top Secret®
- CA View®
- CA Mainframe Software Manager (CA MSM)

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

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Chapter 1: New Features

This section contains the following topics:

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

[CA OPS/MVS System State Manager](#) (see page 7)

[CA Deliver Health Checks](#) (see page 8)

[Higher User Threshold under XMS](#) (see page 9)

[Report Selection by Class and Dest](#) (see page 9)

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, deploy, and configure 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.

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.

Note: For more information, see the *User Guide*.

Note: For more information, see the *Administrator Guide*.

Note: For more information, see the *Configuration Guide*.

CA Deliver Health Checks

CA Deliver 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:

- **DLVR_OPT_HDETAIL**

This health check allows you to ensure that the HDETAIL option is only activated when necessary. With the CA Deliver HDETAIL option, you are doing station tracking of all reports processed by this CA Deliver database. This is a high overhead feature and must only be used for a small CA Deliver database.

When this option is turned on, database space usage rapidly grows and jobs running in pre-spool mode experience delays as the history records are created for each recipient of the report.

- **DLVR_PRFM_PQE**

This health check reports on queued requests. Many queued requests indicate that something is degrading CA Deliver performance. A common cause is delayed access to the CA Deliver database or checkpoint data sets. Workload spikes are normal, but they are short lived. If this condition occurs frequently, verify that a long-term reserve is not occurring on the CA Deliver checkpoint or database volumes.

Note: For more information, see the appendix "CA Deliver Health Checks" in the *Reference Guide*.

Higher User Threshold under XMS

The maximum number of users that can access a Cross Memory region (XMS) in previous releases was limited due to high usage of below-the-line storage which varied based on the number of extents (data sets) defined to the CA Deliver databases. Upwards of sixty thousand bytes of private below-the-line storage was allocated per user coupled with MVS system below-the-line requirements for allocation and open could exhaust available below-the-line storage at 60 to 100 users.

In Release 11.7, the below-the-line storage requirements have been reduced by moving some of the data areas to above-the-line storage and sharing database-related control areas. The per user private and system below-the-line storage usage has been reduced to approximately 5 KB (kilobytes). Also private and system below-the-line storage related to allocation, open, and access of each database extent is approximately 2.5 KB. These reductions allow the maximum number of users to exceed 500, if the region size (REGION on the EXEC JCL statement or system default region size) is large enough. At a minimum, allow 20 MB (megabytes) of REGION storage for the XMS region plus 1 MB for every two users. For example, to support 200 users you can specify a minimum region size of REGION=120M (20 MB + (200 users / 2) MB). The amount of storage per user can vary based on the amount of data being accessed, so, it is recommended that you provide sufficient storage for normal online operations.

Due to address space limits the maximum number of XMS users must not exceed 1000.

Report Selection by Class and Dest

CA Deliver can now select reports by DDname, Form, Writer, Class, or Dest.

The DDname specifies the 1 to 8 character name of the DD statement where the report is written.

DDname can also be used to specify the JCL forms, Writer, Class, or Dest name for the DD statement.

The forms, writer, class, or dest name is specified as follows:

F=xxxxxxx, W=xxxxxxx, C=xxxxxxx, or D=xxxxxxx in DDname.

Note: When selecting by CLASS, up to eight selection classes can be specified.

For pre-Spool processing, class selection is only available for SYSOUT classes allowed by the Deliver SYSCLSL parameter.

Chapter 2: Enhancements to Existing Features

This section contains the following topics:

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

[Documentation](#) (see page 11)

[LMP Key](#) (see page 13)

[Changes to Data Set Names](#) (see page 13)

[Upgrade Considerations](#) (see page 14)

CA MSM

The Software Configuration Service (SCS) has been added for CA MSM Version 4.0. Use this service to configure CA Technologies mainframe products from the software inventory of the driving system to your target enterprise systems.

The SCS guides you through the configuration creation process, and through the manual steps to implement the configuration. The SCS also includes an address space communications service running on each targeted z/OS system.

Note: For more information, see the *CA Mainframe 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 MSM
- Electronic Software Delivery (ESD)

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 Deliver.

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.

LMP Key

Changes to Data Set Names

The names of the data sets/libraries have changed. We recommend that you review the following table to determine the impact this may have to your installation:

Original Name	New Name	Description
AHBCLSO	ABRNCLSO	CLIST library
AHBLOAD	ABRNMOD	Load library
AHBJCL	ABRNJCL	JCL library
AHBMAC	ABRNMAC	Macro library
AHBMBP	ABRNDATA	Banner pages
AHBOPTN	ABRNOPTN	Options library
AHBOLIBE	ABRNPENU	Panels library
AHBPNO	ABRNPNO	ISPF Panel library
AHBPROC	ABRNPROC	Procedure library
AHBSRC	ABRNSRC	Source library
AHBTBLO	ABRNTBLO	ISFP tables
AHBXML	ABRNXML	CA MSM Deployment and Configuration Services
AHCMAC	ABROMAC	Macro library
AHCLOAD	ABROMOD	Load library
AHCOPTN	ABROOPTN	Options library
AHCPNO	ABROPNO	ISPF Panel library
AHCPROC	ABROPROC	Procedure library
AHCSRC	ABROSRC	Source library
CAICLSO	CVDECLSO	CLIST library
CAIMBP	CVDED133	Banner pages
CAIJCL	CVDEJCL	JCL library
CAILIB	CVDELOAD	Load library
CAIMAC	CVDEMAC	Macro library

Original Name	New Name	Description
CAIOPTN	CVDEOPTN	Options library
CAIOLIBE	CVDEPENU	Panels library
CAIPNLO	CVDEPNLO	ISPF Panel library
CAIPROC	CVDEPROC	Procedure library
CAISRC	CVDESRC	Source library
CAITBLO	CVDETBLO	Banner pages
CAIXML	CVDEXML	CA MSM Deployment and Configuration Services

Global Changes for Release 11.7

Be aware of the following changes that appear throughout this documentation set:

- HBB6 is changed to HBB7
- EB6 is changed to EB7
- XMB6 is changed to XMB7
- SAMPJCL contains the following non-MSM install JCL members:
BRNAREAD, BRNEDALL, BRNSEDIT, BRN1ALL, BRN2CSI, BRN3RECD, BRN3RECT,
BRN4APP, BRN5ACC, BRN6RECP, BRN7APYP, BRN8ACCP
- CVDEOPTN contains the following customization JCL members:
HBRNADDS, HBB7ATHT, HBB7ATHX, HBRNBLOD, HBB7BPCX, HBB7BPTX,
HBRNCAPF, HBRNCONV, HBB7DFMT, HBB7DSCX, HBB7FSSX, HBB7JCLX, HBB7JS2X,
HBB7J2X, HBB7J319, HBB7J321, HBB7J323, HBRNOLOD, HBB7OMSX, HBB7PRBX,
HBB7RECX, HBB7RPTX, HBB7RPX, HBB7RRQX, HBB7SMFX, HBB7SUBX, HBB7USAX,
HBB7USRX, HBB7USTX, HBB7USXX, HCB7CICX, HCB7IMSX, HCB7ROSX, HCB7SPFX,
HCB7TSOX, HCB7XCTR, HBRNVERS

Upgrade Considerations

CA Deliver Release 11.7 is available to all CA Deliver customers with active maintenance contracts. There is no specific license required to upgrade to release 11.7.

Note: If you are using the companion product CA View, release 11.7 of CA Deliver is backward compatible with CA View Release 11.0, Release 11.5, and Release 11.6. XMS and CA Deliver direct archival can concurrently browse or archive to CA View 11.6, 11.5, and 11.0 databases.

For upgrades from CA Deliver Release 11.6 to Release 11.7, you must make sure that PTF RO30477 is applied to your CA Deliver Release 11.6 system prior to upgrade. PTF RO30477 is required to ensure the integrity of the Release 11.7 SMP/E environment during the upgrade process.

See Backward Compatibility for information about encryption compatibilities.

Appendix A: Known Issues

Published Fixes for Release 11.7

All published fixes are available at Published Solutions on CA Support.

Appendix B: Third-party Acknowledgements

For more information about handling third-party licenses, follow the TIS instructions at:

http://techinfo.ca.com/Procedures/AuthorIT/AIT--Bookshelf/Bookshelf_Files/HTML/AIT_Deliverable/17594.html