

CA Deliver™

Release Notes

Release 12.2



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CA Technologies Product References

This document references the following CA Technologies products:

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

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.

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Chapter 1: Introduction

This section discusses the current operating systems that are supported, scalability, compatibility, and the security interfaces.

This section contains the following topics:

[Supported Operating Systems](#) (see page 7)

[Scalability, Availability, and Previous Versions](#) (see page 7)

[Compatibility](#) (see page 7)

[Security and Privileges](#) (see page 8)

[Documentation Changes](#) (see page 8)

Supported Operating Systems

The minimum operating system that is required to run this version of CA Deliver and meet the performance requirements is IBM z/OS 1.13 and 2.1.

Scalability, Availability, and Previous Versions

CA Deliver Release 12.2 has the same scalability as previous releases.

Availability is almost 24x7 except for periodic maintenance which can vary in frequency according to the needs of your site.

Be aware of the following information:

- CA Deliver allows concurrent archiving to CA View Release 12.2, Release 12.1, Version 12.0, Release 11.7, and Release 11.6.
- The Release 12.2 XMS and DRAS tasks allow concurrent viewing of CA Deliver Release 12.2, Release 12.1, Version 12.0, Release 11.7, and Release 11.6 database versions.

Note: This is the last release that supports CA Deliver Release 11.6 database versions.

Compatibility

This section discusses downward compatibility with supported CA Deliver releases and compatibility with CA Balancing.

Downward Compatibility

CA Deliver Release 12.2 can access the following database versions:

- CA View Release 12.2
- CA View Release 12.1
- CA View Version 12.0
- CA View Release 11.7

Important! If you revert to a previous release of CA Deliver, apply the appropriate compatibility PTFs:

Release 12.1

Apply PTFs RO72504 and RO74661.

Version 12.0

Apply PTFs RO63810 and RO72504.

Release 11.7

Apply PTFs RO63812 and RO72525.

Note: For more information about the procedures for reverting to a previous release, see the installation content.

Compatibility with CA Balancing

Important! If CA Balancing Release 1.1 is running on your systems, apply the required compatibility PTF [RO71092](#). Otherwise, CA Balancing and CA Deliver may abend.

Security and Privileges

External security interface is provided to CA Top Secret, CA ACF2, and IBM RACF.

Documentation Changes

To increase the amount of product information that is publicly available, we segregated proprietary information that was formerly included in the product *Reference Guide* and created a *Programming Guide* for these topics. The *Programming Guide* is linked from the bookshelves and can be accessed by signing in to CA Support Online.

The chapter User Exits is part of the *CA Deliver Programming Guide*.

Chapter 2: New Features

This section contains the following topics:

[CA Chorus™ Software Manager](#) (see page 9)

[Password Phrase Support](#) (see page 10)

CA Chorus™ Software Manager

CA Chorus™ Software Manager (CA CSM) is an application that simplifies and unifies the management of CA Technologies mainframe products on z/OS systems.

CA CSM provides services that make it easier for you to perform the following actions:

- 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. This interface helps you install and maintain your products faster and with less chance of error.

You can acquire CA CSM from <http://ca.com/support>.

Note: For more information, see your product installation instructions and the CA CSM online help.

Password Phrase Support

CA Deliver now supports password phrase logon in addition to traditional eight character password support. Password phrases can be 9 through 100 characters in length and can provide a stronger level of security when accessing the product.

These factors affect your implementation of password phrase support:

- Users, who use external security and access CA View through VTAM or XMS interfaces, can implement either password logon or password phrase logon.
- You can enable password phrase using the XMS cross-memory parameter, LGNSEC=PPHRASE.
- A new logon screen for password phrase and password phrase verification displays when applicable.

Note:

- VTAM and CICS support password phrases. IMS and ROSCOE do not support password phrases.
- Password phrase support does not affect secure access points. Secure access points do not require reauthenticating passwords.
- Password phrase logons are only supported for databases that are versioned at Release 12.2 and above.

Chapter 3: Enhancements to Existing Features

This section contains the following topics:

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

[Health Checks](#) (see page 11)

[Improved Dynamic Report Processing Performance](#) (see page 12)

[Increased Checkpoint Size](#) (see page 12)

[Increased Dynamic Report Sequence Number](#) (see page 12)

[Documentation](#) (see page 13)

[Global Changes for Release 12.2](#) (see page 13)

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*.

Health Checks

New health checks were added to CA Deliver for checkpoint utilization. For more information about the new health check messages, see the section 'Health Checks' in the appendix of the *Reference Guide*.

A new RMOGRW sample, RMOGRW08, is now provided in CAI.CVDEJCL. Use the RMOGRW08 sample, in response to the high utilization message from the health check, to free up some space in the checkpoint, if determined that the checkpoint size is sufficient. For more information, see the chapter "Utilities", RMOGRW Report Writer, TITLE Control Statement, Example 8 in the *Reference Guide*.

Note: An OPS/MVS event is now issued during high utilization. This event can be used for automatic submission of RMOGRW08 to attempt to automatically clean up the checkpoint. For more information about this OPS/MVS event, see the chapter "Error Messages", RMOCP05 in the *Message Guide*.

Improved Dynamic Report Processing Performance

Dynamic report processing was enhanced to eliminate the increasing overhead of generating dynamic reports, use less memory, and reduce overall CPU time. To reduce this memory requirement, database buffers are only retained while a dynamic report is actively receiving page data. The memory requirement for each dynamic report previously depended on the CA View database block size and the CA Deliver SARBUFACT initialization parameter setting. Less memory usage lets you generate more dynamic reports and helps prevent storage issues that resulted in abends.

For more information about dynamic report processing, see the *Administration Guide*.

Increased Checkpoint Size

In CA Deliver r12.2, the checkpoint file size increased to a maximum size of 200 cylinders. Using the maximum allocation, 100 cylinders are used for active information and 100 cylinders is reserved for recovery. The threshold for previous releases is 42 cylinders, 21 active and 21 for recovery.

Using the increased checkpoint file size requires an additional increase in memory. The maximum number of checkpoint blocks increases from 3872 to 18,000. The maximum checkpoint file size in bytes increases from 15.8 MB to 73.7 MB. Both the CA Deliver started task and CA Deliver online interface, when active information is accessed, require the additional storage amount to hold the checkpoint information.

Note: Before upgrading to a checkpoint file size greater than 42 cylinders in CA Deliver r12.2, see the 'Revert Considerations' in the *Installation Guide*. After a checkpoint file size greater than 42 cylinders is used, the checkpoint file size cannot be reverted for use in a previous release. To revert after using a large checkpoint file, the checkpoint file must be resized to the smaller maximum allowed checkpoint using RMODBASE MAKECKPT before the reversion. If the reversion is done without resizing the checkpoint file, the checkpoint data set must be deleted and reallocated using the previous release. All prior checkpoint data will be lost.

Increased Dynamic Report Sequence Number

CA Deliver was enhanced to support dynamic reports that can generate more than 64,000 reports from a job. More dynamic reports can be archived directly to CA View through a single job that generates large amounts of unique report ids. Previously, each report, that was created by a dynamic report definition, was archived into the CA View database with sequential sequence numbers. The first dynamic report was SEQ 1, the second report was SEQ 2, and so forth. Now, each unique instance generated by the job starts at Sequence 1, and increases by future occurrences of that report created in the same generation. The first and second dynamic reports that are generated will both have GEN 1 and SEQ 1, allowing a single job to generate more than 64,000 reports.

Documentation

This section contains topics that are related to documentation enhancements.

Technical Information Content Philosophy

The documentation set focus on the following key areas:

- Role-based scenarios that detail steps to complete key business processes. These scenarios can appear in traditional guides and as standalone Knowledge Database articles on <http://ca.com/support>.
- An end-to-end view that gives you access to content across the full lifecycle of your product, including content from technical information, product management, support, sales, services, and education. The bookshelf that is based on the end-to-end model provides you with traditional guides and links to various information sources that are related to your product.
- Concise product content that promotes usability and accessibility.

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

Global Changes for Release 12.2

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

- EC1 is changed to EC2
- XMC1 is changed to XMC2

Chapter 4: Installation and Upgrade

CA Deliver is installed using the CSM or ESD PAX process.

For the CA Deliver installation information, see the following sections:

- The "Installing Your Product Using CA CSM" chapter in your *Installation Guide*.
- The Upgrade Considerations section in this guide.

This section contains the following topics:

[The ESD PAX Installation Process](#) (see page 15)

[Upgrade Considerations](#) (see page 16)

The ESD PAX Installation Process

You can obtain CA Deliver in a compressed format (pax.Z file) that lets you install it directly from DASD. This is known as the ESD PAX process.

To install CA Deliver using the ESD PAX process, see the *Installation Guide*.

New incremental features are delivered using enhancement PTFs. During each incremental release, a PTF is published for each requisite product to keep the incremental release numbers synchronized across the products.

Upgrade Considerations

Consider the following when upgrading:

- CA Deliver Release 12.2 is available to all CA Deliver customers with active maintenance contracts.
- No specific license is required to upgrade to Release 12.2.
- CA Deliver Release 12.2 supports CA View databases that are versioned at CA View Release 12.2, Release 12.1, Version 12.0, Release 11.7, and Release 11.6.
- If you are using CA View, CA Deliver Release 12.2 is downward compatible with CA View Release 12.1, Version 12.0, Release 11.7, and Release 11.6.
- XMS and the CA Deliver direct archival can concurrently browse or archive to CA View databases versioned at Release 12.2, Release 12.1, Version 12.0, Release 11.7, and Release 11.6.
- CA Deliver Version 12.0 introduced a new feature that permits the use of more special characters in the Report ID. This feature is available only for the databases that are upgraded to a minimum of Version 12.0. This added special character support is not downward compatible. Avoid using these additional special characters, until all associated CA View databases are upgraded to at least CA View Version 12.0.
- The following help text panels were added for new features in CA Deliver 12.2:
 - RMOP02P
 - RMO92
 - RMO93

Note: For more information about upgrades, see the CA Deliver installation documentation and the CA View installation documentation.

Appendix A: Known Issues

Published Fixes for Release 12.2

All published fixes are available at Published Solutions on <http://ca.com/support>.