

CA View®

Release Notes

Release 12.2



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 is proprietary information of CA and may not be copied, transferred, reproduced, disclosed, modified or duplicated, in whole or in part, without the prior written consent of CA.

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 © 2015 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 Chorus™ Software Manager (CA CSM)
- CA Chorus™
- CA Mainframe Software Manager™ (CA MSM)
- CA ACF2
- CA Deliver™
- CA Output Management Web Viewer
- CA Top Secret®
- 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.

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: Introduction	7
Supported Operating Systems	7
Scalability, Availability, and Previous Versions	7
Compatibility	7
Downward Compatibility and Encryption	8
Compatibility with CA Balancing	8
Compatibility with CA Output Management Web Viewer	8
Security and Privileges	9
Documentation Changes	9
Chapter 2: New Features	11
CA Chorus™ Software Manager	11
Retro-dating of Reports Feature	12
CA Spool Output File Support for CA View ACIF Archiver	12
General Report Writer (SARGRW)	13
Password Phrase Support	14
Composite Key Support	15
JOB Mode	16
Email Reports and Jobs	17
Print to CA Spool More Efficiently	18
Chapter 3: Enhancements to Existing Features	19
CA CSM	19
Increased CA View Sequence Number	19
Documentation	19
Technical Information Content Philosophy	20
Installation Guide	20
Third-Party Acknowledgments	20
Chapter 4: Global Changes for Release 12.2	21
Chapter 5: Installation and Upgrade	23
The ESD PAX Installation Process	23
New Data Set Names	23
Upgrade Considerations	24

Appendix A: Known Issues

25

Published Fixes for Release 12.2	25
--	----

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 9)

[Documentation Changes](#) (see page 9)

Supported Operating Systems

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

Scalability, Availability, and Previous Versions

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

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 CA View Release 12.2 cross-memory region can access CA View Release 11.6, Release 11.7, Version 12.0, Release 12.1, and Release 12.2 database release levels.
- The CA View Release 12.2 DRAS agent can access CA View supported databases Release 12.2, Release 12.1, Version 12.0, Release 11.7, and Release 11.6.

Note: For compatibility, if you versioned your CA View database to the most recent version, verify that your DRAS task is using the most recent libraries.

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

Compatibility

This section discusses CA View downward compatibility and encryption, compatibility with CA Balancing, and compatibility with CA Output Management Web Viewer.

Downward Compatibility and Encryption

Downward Compatibility

CA View Release 12.2 can access Release 12.1 Version 12.0, and Release 11.7 database versions and can read previous versions of report data on tape.

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

Release 12.1

None.

Version 12.0

Apply PTF RO63816.

Release 11.7

Apply PTFs RO48419, RO48420, and RO63818.

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

Encryption

Starting in CA View Release 11.6, you can encrypt report data on disk and tape. Enable encryption using the ENCRYPT initialization parameter.

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 View may abend.

Compatibility with CA Output Management Web Viewer

The following are the prerequisites for using co-operative processing with CA Output Management Web Viewer (CA OM Web Viewer):

- CA OM Web Viewer Version 12.0, Build 19
- CA OM Web Viewer Release 11.5, SP0 with high APAR #RO55717

Security and Privileges

Once reports are encrypted, they are secure. We are using AES encryption with 256 or 128 bit keys.

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 on to CA Support Online.

The following content is now provided in the *CA View Programming Guide*:

- Standard Database Access Method (SARSAM) topics from the chapter Database Utilities
- All the topics from the chapter User Exits

Chapter 2: New Features

This section contains the following topics:

[CA Chorus™ Software Manager](#) (see page 11)
[Retro-dating of Reports Feature](#) (see page 12)
[CA Spool Output File Support for CA View ACIF Archiver](#) (see page 12)
[General Report Writer \(SARGRW\)](#) (see page 13)
[Password Phrase Support](#) (see page 14)
[Composite Key Support](#) (see page 15)
[JOB Mode](#) (see page 16)
[Email Reports and Jobs](#) (see page 17)
[Print to CA Spool More Efficiently](#) (see page 18)

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.

Retro-dating of Reports Feature

The new retro-dating of reports feature allows retro-dating of reports as they are archived into the CA View database. The archival date and time can be modified by supported collectors and their corresponding user exits when the ARCHCHG initialization parameter is designated with a 'base year'. Instead of assigning incremental generation and sequence numbers for archived reports, the generation and sequence numbers assigned for archived reports are relative to the 'base year' and time of day to provide proper sequencing of reports in the report list. The CA View started task collector, SARFSS text collector, SARFSS ACIF collector, SARFSS PDF collector, and SARPAM service routine provide support for this feature.

For more information, see the ARCHCHG initialization parameter in the Initialization Parameter section of the *CA View Reference Guide* and the User Exit section of the *CA View Programming Guide*.

CA Spool Output File Support for CA View ACIF Archiver

The CA View ACIF Archiver supports writing ACIF output as a CA Spool file instead of being written to a CA View database. The ACIF index file, resource file, and document file are written to the same CA Spool file.

This allows further processing, such as printing, transferring to remote destinations, and converting to other document formats.

For more further information about this enhancement, see the section "'Installing the Interface with ACIF (AFP Report Archival)'" in the chapter "Installing the Features" of the *Installation Guide*.

General Report Writer (SARGRW)

SARGRW is a new general purpose reporting utility that provides hardcopy printout or data set output of information based on metadata from the CA View database. The SARGRW utility provides free-format control statements to create reports using the report and tape control records. Additional logic statements provide the ability to sort, print, output compare, select fields, and manipulate special fields for reporting purposes.

Sample SARGRW JCL, control statements, and output produced can be found in the CVDEJCL library with member names SARGRW01-07. For sample output from each SARGRW control statement, see the *Reference Guide*.

Samples provided include:

- SARGRW01 – Produces a report listing SYSOUT ID, job name, job ID, generation number, sequence number, archival date, archival time, location, lines, pages, block count, exception code, tape sequence number, and disaster recovery tape sequence number). The listing contains reports that were archived today. Similar to SARBCH /LIST report.
- SARGRW02 – Produces a report listing of backup tapes that contains tape sequence number, tape data set name, number of tape blocks, highest generation number on tape, lowest generation number on tape, last file on tape, next tape sequence number, previous tape sequence number, tape unit, tape volume serial number, and field indicating whether the tape is cataloged.
- SARGRW03 – Produces a report listing CA View accounting information. The accounting report contains report ID, job name, job ID, archival date, archival time, generation, blocks, lines, and pages of each report grouped by the user account that is associated with each report. The total number of blocks, lines, and pages are then calculated for each user account. Similar to the report produced by the SARACTA utility.
- SARGRW04 – Produces a report containing a list of reports that the ARCHCHG feature modified. The ARCHCHG report contains the report ID, archival date, archival time, reader date, and reader time of each modified report.
- SARGRW05 – Produces a report containing a list of UNDEF reports that have been archived on or after the specified year 'YYYY'. The UNDEF report list contains the archival date, archival time, report ID, class, forms, destination, copies, job ID, job name, lines, and pages of each UNDEF report. The list is sorted in descending order by the archival date.
- SARGRW06 – Produces a report containing a list of tapes and their contents. The report lists the report ID, job name, job ID, archival date, archival time, tape sequence, and tape position of each report on the tape. The list is sorted by tape sequence and tape position.

- SARGRW07 – Produces a report containing a list of archived reports and the backup tapes that contain each report. For each report, the report ID, job name, job ID, generation, sequence, archival date, archival time, location, lines, and pages are printed, followed by the tape sequence and tape position for each backup tape that contains the report.
- SARGRW08 - Produces a report containing a list of jobs. For each job in the report, the following data appear: job name, job ID, execution start date and time, execution end date and time, xcode, lines, pages, submit date and time, system, class, user ID, and user comments fields.
- SARGRW09 - Produces a report containing a list of jobs and datasets for each job. For each job in the report, the following data appear: job name, job ID, submit date and time, DDname, stepname, procstep, sysout ID, generation, and sequence fields.

Sample SARGRW JCL and control statements are in the CVDEJCL library with member names SARGRW01 through SARGRW09.

For more information about SARGRW, see the section 'General Report Writer Program (SARGRW)' in the chapter "Database Utilities" of the *Reference Guide*.

Password Phrase Support

CA View 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.
- CA View requires the SECURITY=EXTERNAL or the SECURITY=LOGON initialization parameter setting.
- 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.

Composite Key Support

CA View now supports composite key indexing. This support lets users set up indexes without needing to understand the technical structure and contents of the key. However, users must understand these points:

- Optionally, to indicate multiple locations for the index, you can leave the Name field blank on the extraction specifications for the indexing criteria.
- You can specify a maximum of eight entries for the extraction specifications. This limit applies even if you do not specify an index name.
- The index value represents the concatenation of indexes from all locations.
- The report index and cross-report index display concatenated values for indexes.

For more information about composite keys, see the section 'Specify Extraction Criteria' in the chapter "Specifying and Accessing Page Indexes" of the *User Guide*.

JOB Mode

The new online mode, JOB mode, lets you collect and retain job information independent from archived reports. In JOB mode, you can select jobs and perform these actions:

- Browse, print, or email either the jobs or the data sets in the jobs
- Display the data set list for the job
- Add comments to a job
- Assign a user to review the job or act on it

In JOB mode, you can select and filter jobs according to several criteria, including the following:

- One to four job names
- Job number
- Date-and-time range for when job was submitted, started running, or stopped running
- Exception code
- User ID of the submitter

The list of jobs that match your selection criteria initially appear in sequential order, but you can use the SORT command and filtering fields to further refine the list. The job selection list panels display many fields, including the following:

- Job name and number
- Date and time when the job was submitted, started running, and stopped running
- Sysout class and exception code for the job
- User ID of the submitter, assigned user ID, and user comments

For more information about using JOB mode, see the chapter "User Modes: Initiating Output Retrieval" in the *User Guide*. That chapter includes important details about using JOB mode, for example:

- Reports are viewable if they were archived via SARSTC, SARFSS text collector, SARXTD, or SARDBB.
- Binary, AFP, PDF, Xerox, and CA Deliver reports are not viewable.
- JOB mode access is not available through CA OM Web Viewer.

JOB mode control records are built automatically for all newly archived eligible reports. You can build records for previously archived reports by using the new SARDBASE ADDJOB batch utility.

Use the following enhanced initialization parameters to support JOB mode:

- SECLIST includes a new *JOB* setting to limit the display of jobs on the Job Selection List.
- DEFMODE includes a new sixth character to designate the default JOB access mode for new users.

For more information about the ADDJOB batch utility and these enhanced initialization parameters, see the *Reference Guide*.

Use the new security resource type *JOB* to secure job data, as follows:

- Assign read access to let users browse or access a job.
- Assign update access to let users add or update user comments to a job or assign their user IDs to it.
- Assign the following resource name for job security:

`secid.JOB.jobname.owner`

where *owner* is the user ID of the submitter

- If necessary, define new external security rules to provide access to job data.

For more information about securing JOB mode, see the *Reference Guide*.

Use the new *PRINTJOB* function in the SARBCH utility to print the output of a job.

- The output attributes for the entire print are based on the attributes of the first DD in the job, unless you override them.
- If a job contains many reports with different attributes, for example, FORMS, FORMDEF, and PAGEDEF, verify that the reports print correctly. If they do not print correctly from the job, try printing each report individually, using the SARBCH PRINT function.

For more information about using PRINT and PRINTJOB in SARBCH, see the *Reference Guide*.

Email Reports and Jobs

You can now email reports or jobs using an online command from all of the CA View online modes: ALL, EXPO, EXP, SARO, SAR, and JOB. You can also perform these actions:

- Use CA Spool to process the report or email the output to JES, using Infoprint Server.
- Include the report in the email, either inline or as an attachment, in TXT, PDF, RTF, or HTML format.
- Email the complete report or job or just selected records or pages.

For details about how to email output, see the *User Guide*.

Print to CA Spool More Efficiently

You can print reports or jobs more efficiently to CA Spool by performing these actions:

- Easily direct your print output to a default CA Spool system or any alternate CA Spool system.
- Use the new PRINTTO initialization parameter to direct printouts to either a CA Spool system or the JES queue (if the destination node is not defined to the CA Spool system).

For details about how to print output, see the *User Guide*.

For details, see about configuring PRINTTO and other print-related initialization parameters, see the *Reference Guide*.

Chapter 3: Enhancements to Existing Features

This section contains the following topics:

[CA CSM](#) (see page 19)

[Increased CA View Sequence Number](#) (see page 19)

[Documentation](#) (see page 19)

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*.

Increased CA View Sequence Number

CA View 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

Third-Party Acknowledgments

Third-party software was used in the creation of CA View. All third-party software has been used in accordance with the terms and conditions for use, reproduction, and distribution as defined by the applicable license agreements.

Information about third-party license agreements is provided in a text document, which is available from CA Support Online.

Chapter 4: 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 5: Installation and Upgrade

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

For the CA View 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 23)

[New Data Set Names](#) (see page 23)

[Upgrade Considerations](#) (see page 24)

The ESD PAX Installation Process

You can obtain CA View 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 View 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.

New Data Set Names

New data sets were created for AFP to PDF Transformers. To determine the impact on your installation, review the following table:

New Data Set	Description
TPV.CFD9LOAD	Xenos transformer load library
TPV.AFD9MOD	Xenos transformer load library
TPV.CFEBLOAD	Third-party transformer load library
TPV.AFEBMOD	Third-party transformer load library

Note: CFEBLOAD and AFEBMOD are load libraries for future AFP to PDF transformers, but do not currently do AFP to PDF transforms.

Upgrade Considerations

Consider the following when upgrading:

- CA View Release 12.2 is available to all CA View customers with active maintenance contracts.
- No specific license is required to upgrade to CA View Release 12.2.
- CA View Release 12.2 supports databases that are versioned at Release 12.2, Release 12.1, Version 12.0, Release 11.7, and Release 11.6.
- CA View Release 12.2 is downward compatible with CA View Release 12.1, Version 12.0, Release 11.7, and Release 11.6.
- XMS and CA Deliver direct archival can concurrently browse or archive to CA View Release 12.2, Release 12.1, Version 12.0, Release 11.7, and Release 11.6 database versions.
- The following help text panels were changed for new features in Release 12.2:
 - SARPT2C6
 - SARP02P
- The following help text panels were added for new features in Release 12.2:
 - SARKTAB
 - SARPT2C3
 - SARPT2C4
 - SAR92
 - SAR93

Important! CA View Release 12.2 is the last release to support the CA View Release 11.6 database versions. CA View can execute at a release that is different from the database version. The database version can be changed using an upgrade procedure.

Note: For more information about upgrades, see the installation documentation. For more information about encryption compatibilities, see Downward Compatibility.

Appendix A: Known Issues

Published Fixes for Release 12.2

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