CA Deliver™

Release Notes

Version 12.0

ca technologies

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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)

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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)

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 1.11 and higher.

Scalability, Availability, and Previous Versions

CA Deliver Version 12.0 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 Version 12.0, r11.7, r11.6, and r11.5.
- The Version 12.0 XMS and DRAS tasks allow concurrent viewing of CA Deliver Version 12.0, r11.7, r11.6, and r11.5 database versions.

Compatibility

This section discusses compatibility with previous releases and backward compatibility.

Backward Compatibility

CA Deliver Version 12.0 can access Version 12.0, r11.7, r11.6, and r11.5 database versions.

Compatibility with Previous Releases

If previous releases of CA Deliver are running on your systems, Version 12.0 compatibility PTFs must be applied as follows:

- If you are running CA Deliver r11.6/EBC r11.6, apply PTF RO26210
- If you are running CA Deliver r11.5/EBC r11.5, apply PTF RO19402, RO13763, and RO31766

Security and Privileges

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

Chapter 2: New Features

This document provides information about the new features and functions in CA Deliver Version 12.0.

Note: With the exception of the information referenced in this document, all pre-existing product documentation is accurate and timely.

This section contains the following topics:

Special Character Support (see page 9)
Box Search Enhancement (see page 12)
AOR Type for Identification Text (see page 13)
Archival Report Identifier (see page 13)
Nested Distribution Lists (see page 14)
Parallel Testing – PASSTHRU option (see page 14)
Groupid Support (see page 15)

Special Character Support

The report and distribution identifiers are 1-to 32-character fields with a limited set of acceptable characters. Version 12.0 provides additional character support for these fields.

Following is the new list of valid characters for the report and distribution identifiers:

- Letters (A-Z)
- Numbers (0-9)
- period (.)
- National characters ($,#,@)
- Percent (%)
- Cent (¢)
- Exclamation (!)
- Slash (/)
- underscore (_)
- dash (-)
- Blank ( )
- Less than(<)

- Left parentheses “(“
- Plus (+)
- Bar (|)
- Ampersand (&)
- Right parentheses “)”
- Semicolon (;)
- Not Sign (¬)
- Broken bar (¦)
- Comma (,)
- Greater than (>)
- Question mark (?)
- Colon (:)
- Single quote (‘)
- Equal (=)
- Double quote (“)

These characters are only valid for Version 12.0 databases. Existing databases must be upgraded to Version 12.0 to use this new feature.

Note: For more information about database conversion, see the Migration Information section in the *Installation Guide.*

These new characters are based on US code page 037. The use of any other code page with CA View can produce unpredictable results. Any other code page that maps the above special character differently than code page 037 can present a problem.

CA Output Management Web Viewer Version 12.0 can be used to access CA View reports that make use of special characters support. Previous releases of CA Output Management Web Viewer cannot access CA View reports defined with special characters.

The semicolon is used as the ISPF Command Delimiter. The use of this character in Report or DISTID names can prevent them from being used on the command line under the ISPF interface. We recommend changing the ISPF Command Delimiter to another character that is not used in Report or DISTID names.

The equal sign is used as the ISPF jump character. The use of this character in Report or DISTID names can prevent them from being used on the command line under the ISPF interface.

The question mark is used as the ISPF help command character. The use of this character in Report or DISTID names can prevent them from being used on the command line under the ISPF interface.

Box Search Enhancement

You can specify report identification text for reports. These text definitions provide search criteria to identify and select pages for inclusion in a stacked report.

The Box Search feature provides better control of the selection process. You can now specify search criteria using the beginning and ending lines, columns, or both. This combination produces the coordinates of a box to isolate the search. In previous releases, you could specify only a specific line, column, all lines, or all columns.

Example:

The following definition searches for the word summary from lines 1 to 5, in the columns 45 to 65.

```
Report Identification Text:
              Line     Column
Sel Typ R Op Beg End Beg   End   Text
    PAG N EQ 1   5   45    65    'SUMMARY'
```

The Box Search feature supports search operators of:

- Equal (EQ)
- Not equal (NE)
- Less than (LT)
- Less than or equal (LE)
- Greater than (GT)
- Greater than or equal (GE)

For the EQ, LT, LE, GT, and GE operators, the search text is compared against each column within the column and line range.

- If the comparison of any column matches the specified operator, the evaluation is considered true.
- For the NE operator, the evaluation is considered true if the search text is not found anywhere within the column and line range.

In previous releases of CA Deliver, the LT and GT operator for a column and/or line range of “*” was treated as a NE evaluation, and the LE and GE operator was treated as an EQ evaluation.

The LT, GT, LE, and GE operators are now supported with a column and/or line range of "*" in Version 12.0. If these operators were used with a column and/or line designation of "*", change the operator for theses specifications to NE or EQ for correct evaluation in Version 12.0. RMOGRW07 is a sample GRW program provided in CAI.CVDEJCL. It produces a report to identify report definitions with text selection statements that must be changed. Run this GRW against all Deliver databases and change the required NE or EQ before putting the Version 12.0 loadlib into production.

AOR Type for Identification Text

The AOR is added to the list of available Types for report identification text. The AOR Type behaves as a logical OR for the preceding statement. This additional Type simplifies the building of complex selection statements without the need to repeat the criteria.

Archival Report Identifier

You can specify a 1- to 32-character archival report identifier. If an Arch ID is provided, the report appears in CA View under that name. This additional naming option provides an alternate report ID that simplifies user access.

Example

```
CA Deliver ------------- Report Definition Attributes -------------------------
 Command ===>

   ID     ---> EDITREPT01                          Job    ---> TRJOB01
   Step   ---> EDITSTEP    Procstep --->           DD     ---> EDITLIST
                                                   Type   --->
   Desc    ===>
   Arch ID ===>

 Attributes:
   ARCH   ===>              BANNER ===>              BURST  ===>
   CC     ===>              CLASS  ===>              COPIES ===>
   FCB    ===>              FORM   ===>              FLASH  ===> (  ,  )
   LATE   ===>              OPTCDJ ===>              UCS    ===>
   FORMDF ===>              PAGEDF ===>              PRMODE ===>
   PRSET  ===>              PRTY   ===>              GRPID  ===>
   CHARS  ===> (      ,      ,      ,      )         MODIFY ===> ( ,  )
   COPYG  ===> (     ,     ,     ,     ,     ,     ,     ,     )

The following attributes may be selected by entering the 1-character selection code on the command input line:

    B - Bundle specifications.          D - Distribution specifications.
    I - Special instructions.           T - Report identification text.
```

Nested Distribution Lists

You can use a distribution list to define another distribution list. Nesting distribution lists provides a flexible definition that is more representative of a distribution network.

Report level overrides are supported with the new nested structure.

Note: For more information about distribution lists, see Defining a Distribution List section in the *Administration Guide*.

Parallel Testing – PASSTHRU option

When you are implementing CA Deliver, it is useful to not only process the reports in CA Deliver but to also generate the output using the normal output DDNAME.

The PASSTHRU option provides this feature.

Using PASSTHRU=YES, allows CA Deliver pre-spool to dynamically intercept the report and executes the processing as defined in CA Deliver.

Additionally, the report is passed through to the normal output processing defined in the DDNAME. This allows any existing process of the output and the processing defined in CA Deliver to occur.

Note: For more information about PASSTHRU, see the *Reference Guide*.

Groupid Support

You can specify the 1-to 8-character Groupid of the output group that is to be used when the report is printed.

If an archival copy of the report is sent to a View FSS collector, the Groupid name identifies the member name in the SARINDEX data set which contains the archive control statements for the report.

Note: Groupid is only valid on JES2 systems.

Example

```
CA Deliver ------------- Report Definition Attributes -------------------------
 Command ===>

   ID     ---> EDITREPT01                          Job    ---> TRJOB01
   Step   ---> EDITSTEP    Procstep --->           DD     ---> EDITLIST
                                                   Type   --->
   Desc    ===>
   Arch ID ===>

 Attributes:
   ARCH   ===>              BANNER ===>              BURST  ===>
   CC     ===>              CLASS  ===>              COPIES ===>
   FCB    ===>              FORM   ===>              FLASH  ===> (   ,   )
   LATE   ===>              OPTCDJ ===>              UCS    ===>
   FORMDF ===>              PAGEDF ===>              PRMODE ===>
   PRSET  ===>              PRTY   ===>              GRPID  ===>
   CHARS  ===> (      ,      ,      ,      )         MODIFY ===> ( ,  )
   COPYG  ===> (     ,     ,     ,     ,     ,     ,     ,     )

The following attributes may be selected by entering the 1-character selection code
on the command input line:

    B - Bundle specifications.          D - Distribution specifications.
    I - Special instructions.           T - Report identification text.
```

Chapter 3: Enhancements to Existing Features

This section contains the following topics:

Report Identification Text (see page 17)
Documentation (see page 17)

Report Identification Text

The search processing for report identification text is improved to reduce CPU usage. This enhancement benefits all the existing identification text searches and implementations of the new Box Search feature.

Documentation

This section contains topics related to documentation enhancements.

Documentation Changes

The content of this product's documentation has been edited and refactored to improve readability and follow accepted industry guidelines in support of alternative reader tools. To this end we have standardized language usage, topic heading structure, cross-reference format, and converted columnar text to terms and definitions.

Chapter 4: Installation and Upgrade

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

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

- The "Installing Your Product Using CA MSM" 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 19)
Changes to Data Set Names (see page 19)
Upgrade Considerations (see page 21)

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.*

Changes to Data Set Names

The names of the data sets and libraries have been changed. We recommend that you review the following table to determine the impact this might have on your installation.

Original Name Pre-r11.7	Name r11.7 and beyond	Description
AHBCLS0	ABRMCLS0	CLIST library
AHBLOAD	ABRMMOD	Load library
AHBJCL	ABRMJCL	JCL library
AHBMAC	ABRMMAC	Macro library
AHBMBP	ABRMDATA	Banner pages
AHBOPTN	ABRMOPTN	Options library
AHBOLIBE	ABRMPENU	English panel library
AHBPNL0	ABRMPNL0	ISPF Panel library

Original Name Pre-r11.7	Name r11.7 and beyond	Description
AHBPROC	ABRMPROC	Procedure library
AHBSRC	ABRMSRC	Source library
AHBTBL0	ABRMTBL0	ISPF tables
AHBXML	AHAXML	CA MSM Deployment and Configuration Services
AHCMAC	ABROMAC	Macro library
AHCLOAD	ABROMOD	Load library
AHCOPTN	ABROOPTN	Options library
AHCPNL0	ABROPNL0	ISPF Panel library
AHCPROC	ABROPROC	Procedure library
AHCSRC	ABROSRC	Source library
CAICLS0	CVDECLS0	CLIST library
CAIVBP	CVDED133	Banner pages
CAIJCL	CVDEJCL	JCL library
CAILIB	CVDELOAD	Load library
CAIMAC	CVDEMAC	Macro library
CAIOPTN	CVDEOPTN	Options library
CAIOLIBE	CVDEPENU	English panel library
CAIPNL0	CVDEPNL0	ISPF Panel library
CAIPROC	CVDEPROC	Procedure library
CAISRC	CVDESRC	Source library
CAITBL0	CVDETBL0	ISPF Table library
CAIXML	CVDEXML	CA MSM Deployment and Configuration Services

Global Changes for Version 12.0

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

- HBB7 is changed to HBC0
- EB7 is changed to EC0
- XMB7 is changed to XMC0

Upgrade Considerations

Be aware of the following considerations:

- CA Deliver Version 12.0 is available to all CA Deliver customers with active maintenance contracts.

  No specific license is required to upgrade to Version 12.0.
- CA Deliver Version 12.0 supports databases versioned at Version 12.0, r11.7, r11.6, and r11.5.
- If you are using the companion product CA View, CA Deliver Version 12.0 is backward compatible with CA View r11.7, r11.6, and r11.5.
- XMS and the CA Deliver direct archival can concurrently browse or archive to CA View databases versioned at Version 12.0, r11.7, r11.6, r11.5, and r11.0.
- CA Deliver Version 12.0 introduces a new feature that permits the use of additional special characters in the Report ID. This feature is available only for the databases that are upgraded to Version 12.0. Additional special character support is not downward compatible. Avoid using additional special characters, until all associated CA View databases are upgraded to Version 12.0.
- For upgrades from CA Deliver r11.6 to Version 12.0, ensure that PTF RO30477 is applied to your CA Deliver r11.6 system before upgrade. PTF RO30477 is required to ensure the integrity of the SMP/E environment during the upgrade process.

Important! CA Deliver Version 12.0 is the last release to support the CA View r11 database versions. The CA View product 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 upgrade considerations, see the section Configuration Steps to Upgrade to Version 12.0 without CA MSM (Step 4) in the *CA View Installation Guide*.

Appendix A: Known Issues

Published Fixes for Version 12.0

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