CA Chorus™ Software Manager

Release Notes
Version 06.0.00, Fourth Edition
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CA Technologies Product References

This document references the following CA Technologies products:

- CA Chorus™ Software Manager (CA CSM)
- CA ACF2™ for z/OS (CA ACF2)
- CA Allocate™ DASD Space and Placement (CA Allocate)
- CA Chorus™
- CA Common Services for z/OS
- CA Datacom®/AD
- CA Datacom/MSM
- CA Distributed Security Integration for z/OS (CA DSI Server)
- CA PDSMAN® PDS Library Management (PDSMAN)
- CA Top Secret® for z/OS (CA Top Secret)
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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
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- Product and documentation downloads
- CA Support policies and guidelines
- Other helpful resources appropriate for your product

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Documentation Changes

4th Edition (March 2015)

The following documentation updates have been made after the last release of this documentation:

- New Features > Generation of a Flat File (see page 16): added the topic
- Enhancements to Existing Features > New Link on the Software Status Tab (see page 29): added the topic
- Enhancements to Existing Features > Rejecting Received but not Applied Maintenance (see page 24): added the topic

3rd Edition (August 2014)

The following documentation updates have been made after the last release of this documentation:

- Enhancements to Existing Features > New Documentation (see page 30): added information about the Troubleshooting Guide

2nd Edition (May 2014)

The following documentation updates have been made after the last release of this documentation:

- Discontinued Features and Deliverables > HTTP Proxy Settings (see page 34): added the topic
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Chapter 1: Overview

CA Chorus™ Software Manager (CA CSM) is an application that simplifies and unifies the management of your CA Technologies mainframe products on z/OS systems. As products adopt the CA CSM services, you can acquire, install, maintain, deploy, and configure your products in a common way according to industry best practices.

The CA CSM services simplify acquiring, installing, deploying, and configuring products. These services also make obtaining and applying corrective and recommended maintenance easier. A web-based interface enables you to install and maintain your products faster and with less chance of error.

Note: CA CSM is provided free to licensees of any CA Technologies mainframe product for z/OS who are active on maintenance. CA CSM is provided under the same licensing terms that apply for the CA Technologies product. Thereafter, you also receive free CA CSM maintenance for the duration of your maintenance contract for the related CA Technologies mainframe product.
Product Configuration without Deployment

CA CSM now lets you configure products without the need to deploy them first. You can still configure a product from a configurable deployment, and you can also configure a product that is installed in an SMP/E environment.

In addition, you can now configure products to a staging system.

Note: For more information about configuring products, see Configuring Products Using CA CSM in the CA CSM bookshelf under User Documentation By Task, and see the online help.

SMP/E Environments Tab Reworked

The SMP/E Environments tab was reworked to let you navigate through your SMP/E environments easier and faster, and improve your overall user experience.

Expanding an SMP/E environment in the tree on the left now shows entries for zone sets and for installed products.

- Click Zone Sets to display zone sets in the SMP/E environment.
- Click Installed Products to display a list of products that are installed in the SMP/E environment.
Clicking an SMP/E environment in the tree on the left or from the list of SMP/E environments on the right opens the SMP/E Environment Information page. From this page, you can further navigate to the other tabs to review the following information:

- Zone sets within the SMP/E environment
- Products that are installed in the SMP/E environment
- Maintenance available for the installed products
- Pending product installations for the SMP/E environment

**Note:** For more information about the restructuring, visit the SMP/E Environments tab in CA CSM.
Managing Multiple Zones in an SMP/E Environment

CA CSM now lets you filter target zones in a multizone SMP/E environment and organize them in zone sets.

You can maintain (applying regular, CA Recommended Service (CA RS), or FIXCAT (fix category) maintenance), configure, and deploy products that are installed in a zone set. Doing so increases your productivity as you work with a subset of zones from the SMP/E environment.

![Image of CA CSM interface showing zone sets]

**Note:** For more information about the zone sets, see the online help.
Automatic Maintenance Update

CA CSM now lets you schedule an automatic maintenance update for all or some products that are installed in an SMP/E environment. You can select to only download maintenance regularly, or download maintenance and receive it into the global zone of the SMP/E environment. Doing so helps you maintain products that are installed in your SMP/E environments easier and faster, and always have the latest maintenance in place.

Note: For more information about the automatic maintenance update, see Configuring CA CSM to Perform Automatic Maintenance Update in the CA CSM bookshelf under User Documentation By Task.
New Maintenance Wizards

CA CSM now lets you manage product maintenance in a unified and simplified manner. Use the new wizards for processing regular maintenance, CA Recommended Service (CA RS) maintenance, or FIXCAT (fix category) maintenance, and tailor the maintenance processing to fit your needs. For example, you can switch between online and offline mode, or you can run APPLY CHECK first.

**Note:** For more information about managing product maintenance, see *Maintaining Products Using CA CSM* in the CA CSM bookshelf under User Documentation By Task.
Generation of a Flat File

CA CSM now lets you generate a flat file. The flat file is a file that comprises multiple maintenance packages and their prerequisites that you want to receive in or apply to a specific SMP/E environment.

This feature helps you save time and effort if you want to apply maintenance to your products without using CA CSM. For example, you have your own procedures for applying maintenance on your site, or you want to receive or apply the maintenance on a system where CA CSM is not installed. You do not have to copy all maintenance packages one by one, or you do not have to search for the prerequisite packages. Instead, you generate a flat file, and you copy it to the system where you want to receive or apply the maintenance.

Note: For more information about the generation of the flat file, see the online help.
Wiki Product Documentation

The CA CSM documentation is now available in a new wiki-based platform. The new documentation platform provides updated information and direct access to customer feedback so that we can improve the content. You can comment on the content and rate the usefulness. You can find answers quickly with intuitive search and export content in complete sections or individual topics in multiple formats (PDF, EPUB).

To access the wiki documentation, click Product Documentation Wiki from the Quick Actions section on the Software Status tab.
Chapter 3: Enhancements to Existing Features

CA Datacom/MSM Version 14.0

CA CSM now incorporates CA Datacom/MSM Version 14.0, which replaces CA Datacom/MSM Version 12.0.

CA Datacom/MSM Version 14.0 includes new features and enhancements to lower your Total Cost of Ownership (TCO) and assist your daily tasks. For example, it provides additional performance enhancements, including the Simplify feature. The Simplify feature forces the Multi-User Facility (MUF) to always be enabled and actively connect all DBUTLTY functions with the MUF.

- CA CSM now requires that the CXX name be unique.
- The CXX name is now a required node name for all CA Datacom/MSM database data sets. For example:

  CAI.NEWHLQ.CXX?NAME

  The CA CSM installer replaces the symbolic names with the names that you provide in the MSMSetupOptionsFile.properties file.

- CA CSM no longer requires a CA Datacom/MSM SVC.
- A new Program Call (PC) routine, DBPCCPR, was built to support MUF requirements. CAIRIM installs DBPCCPR during the IPL process, or later.

MUF Startup Changes

- The FORCE_SVC startup option is no longer needed. If specified, a message occurs indicating it is obsolete and ignored. Remove this option.
- The MUFMSG startup option defaults to the following:

  MUFMSG YES,NO,NO

  It does not display the SVC number of 000. You can set it to YES if there are message interception routines that skip over the message prefix based upon an expected size.
Message Changes

■ DB00249I: the message reflecting fields of the DBSIDPR being used no longer prints the SUBID keyword and now prints 'PC=value' of either PROD or TEST. For example:

```
DB00249I - DBSIDPR 2010/09/14 10.19 SVC=000 TOGROUP=DBDVM0 CCISYS= PC=PROD
```

■ DB00201I: the part 'SVC=nn' is removed.

**Note:** For more information about CA Datacom/MSM Version 14.0, see the CA Datacom/AD Version 14.0 Release Notes.

Single Signon with CA Chorus

If you use CA Chorus, you can now log in to CA CSM without re-entering your credentials. To be able to do so, configure your system to support PassTickets.

**Note:** For more information, first see the *Site Preparation Guide* and then proceed to the *Installation Guide*.
Adding External Packages from Any FTP Location

CA CSM now lets you add an external installation package and an external maintenance package from any CA Technologies FTP server or your FTP server. This feature gives you more flexibility in adding external packages to your system.
Identifying ZAPs in Maintenance Wizards

CA CSM now identifies ZAP packages among maintenance packages that you selected for processing, and check them for duplication. If more than one ZAP package updating the same product module is detected, CA CSM excludes it from processing together with any package that is dependent on it. The excluded ZAPs and related packages are listed on the Summary step of a maintenance wizard. This enhancement streamlines and clarifies the maintenance processing for you.

Note: For more information about adding external packages, see the online help.

Note: For more information about managing product maintenance, see Maintaining Products Using CA CSM in the CA CSM bookshelf under User Documentation By Task.
Applying CA RS Maintenance to Multiple SMP/E Environments

CA CSM now lets you apply CA RS maintenance to multiple SMP/E environments at once. This enhancement helps you save time when applying maintenance to your products, especially when you have products that are installed in many SMP/E environments.

Note: For more information about applying CA RS maintenance to multiple SMP/E environments, see the online help.
Rejecting Received but not Applied Maintenance

When you apply regular, FIXCAT, or CA RS maintenance using a corresponding wizard, CA CSM now lets you reject the maintenance that was received but not applied during the wizard execution. This enhancement ensures that your SMP/E environments do not contain unneeded maintenance.

Note: For more information about the rejecting of maintenance, see the online help.

Deploying Products from Uncataloged Target Libraries

CA CSM now lets you deploy products from uncataloged target libraries. This enhancement provides you with more flexibility in selecting source data sets for product deployment.

Note: For more information about deploying products, see the online help.
Selecting Zones to Deploy Products from in the Deployment Wizard

During product deployment, you can now adjust the selection of the SMP/E environment zones from where the product will be deployed. Adjusting the zone selection helps you locate and filter products and product features that you want to deploy faster.

Note: For more information about deploying products, see the online help.
Secure FTP Deployment

CA CSM now lets you deploy products to remote systems using FTP over TLS (Transport Layer Security). This enhancement allows for data to be exchanged in a secure and encrypted manner.

![FTP Configuration Screen]

**Note:** For more information about secure FTP deployment, see the *Administration Guide*. 
Configuration Import

During product configuration, you can now import configuration settings, system settings, and variable values from a previous configuration for the configured product. Also, you can additionally delete the previous configuration. This enhancement can save you time when creating configurations or addressing failures in configuration implementation.

Note: For more information about importing configuration settings and variable values, see the online help.
Report on All SMP/E Environment Zones

CA CSM now lets you generate a report for your SMP/E environments using the LIST ALLZONES command. This report provides information from the SMP/E environment global zone and all of the target and distribution zones that the ZONEINDEX subentries define. This enhancement helps you obtain information about your SMP/E environments faster and easier.

Note: For more information about generating the report, see the online help.
New Link on the Software Status Tab

A new link, Product Documentation Wiki, was added to the Quick Actions section on the Software Status tab. This link opens the wiki page for the CA CSM user documentation.

More information:

[Wiki Product Documentation](see page 17)
Renamed Link on the Software Status Tab

The CA CSM Resource Center link in the Quick Actions section on the Software Status tab was renamed. The link is now named Video Tutorials. This link opens the web page with video tutorials for CA CSM that can help you go through main business processes in CA CSM.

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New Documentation

We added the following documents:

**Quick Start Guide**

This guide provides an introduction to the CA CSM user interface and an overview of the CA CSM user documentation.

**Troubleshooting Guide**

This guide provides Frequently Asked Questions and troubleshooting information to help you identify and resolve issues that you may encounter when using CA CSM.

**Installation Checklist**

This guide describes a checklist for the CA CSM installation process.

**Upgrade Checklist**

This guide describes a checklist for the CA CSM upgrade process.

We added the following scenarios:

- Administering the CA CSM Database
- Configuring CA CSM to Perform Automatic Maintenance Updates
- Configuring Products Using CA CSM
- Installing Products and Maintenance when CA CSM Has No Internet Connection
- Managing Tasks Using CA CSM

Note: For more information about the user documents, see the CA CSM bookshelf.
Chapter 4: Discontinued Features and Deliverables

CA RS Automatic Update for an SMP/E Environment

The feature for scheduling automatic CA Recommended Service (CA RS) maintenance updates for an SMP/E environment is no longer supported. The buttons Set Automatic Update and Clear Automatic Update were removed from the SMP/E Information page of the SMP/E Environments tab. The Set Automatic Update link was removed from the SMP/E Environments tab.

Now, you can use the Automatic Maintenance Update feature (see page 14) to schedule automatic maintenance update for all or some products that are installed in an SMP/E environment.

If you had automatic CA RS maintenance updates scheduled and you have upgraded CA CSM from an earlier version to Version 6.0, these schedules are not preserved in CA CSM after the upgrade. Use the Automatic Maintenance Update feature (see page 14) to schedule automatic updates as in the previous version, or to schedule more granular and product-specific maintenance updates.

Note: For more information about the automatic maintenance update, see Configure CA CSM to Perform Automatic Maintenance Update in the CA CSM bookshelf under User Documentation By Task.

Maintenance Action Links

The links Apply GROUPEXTEND and Install were removed from the Maintenance page of the SMP/E Environments tab. The link Install was removed from the Maintenance Packages page on the Product tab.

Now, you can use the new Apply link to manage product maintenance. Clicking this link opens the new maintenance wizard (see page 15) that lets you tailor the process of processing maintenance.

Note: For more information about managing product maintenance, see Maintaining Products Using CA CSM in the CA CSM bookshelf under User Documentation By Task.
HTTP Proxy Settings

The HTTP settings are not configured in the PASADVOP data set anymore. The information about advanced HTTP settings was removed from the System Settings, Software Acquisition page on the Settings tab.

Note: For more information about configuring HTTP proxy settings, see the Installation Guide in the CA CSM bookshelf under User Documentation By Task.

Installation Status Tab

The Installation Status tab was removed from the Maintenance Package Details dialog that opens for a maintenance package.

You can review maintenance packages and their installation status, as well as perform available actions on the packages:

- At the release level—from the Products tab
- At the SMP/E environment level—from the SMP/E Environments tab, the Maintenance page

Note: For more information about managing product maintenance, see Maintaining Products Using CA CSM in the CA CSM bookshelf under User Documentation By Task.

User Guide

The User Guide is no longer available in the CA CSM bookshelf. You can find all information about using the product in the CA CSM online help.
Chapter 5: Installation Considerations

You can either install CA CSM Version 6.0 as a new installation of CA CSM, or upgrade from R5.1, V5.0, or R4.1.

**Important!** Read the *Site Preparation Guide* thoroughly before installing CA CSM Version 6.0.

### Java Support

Any version of IBM Java other than 64-bit Java SDK 1.7 for z/OS is not supported.

**Note:** For more information about Java requirements, see the *Site Preparation Guide*.

### Security Permission for CA ACF2 for z/OS

If you use CA ACF2 for z/OS, define MUSASS permission for users who start CA CSM.

**Note:** For more information about security requirements, see the *Site Preparation Guide*.

### Options File Keyword Updates

Updates were made to the MSMSsetupOptionsFile.properties options file in the MSMSsetup directory.

**Added Keywords**

The following keywords were added:

**Applid**

Specifies a name that is used to identify CA Datacom Server to the CA Datacom/MSM application.

**PROTOCOL**

Specifies the communication protocol that is used to transmit data between CA CSM and CA Datacom Server.

**TCPIP_HOST**

Specifies the host name or IP address on which the CA Datacom Server listens for incoming TCP/IP data traffic from CA CSM.
TCPIP_PORT

Specifies the port number on which CA Datacom Server listens for incoming TCP/IP data traffic from CA CSM.

TCPIP_CONNECT_QUEUE

Specifies the number of TCP/IP database requests from CA CSM that the CA Datacom Server can process at once.

Removed Keywords

The following keywords were removed:

■ MUFName
■ SVCNO
■ InstallSVC
■ C370linkEditDSN

Other Updates

CA CSM now requires that the CA Datacom/MSM Multi-User Facility CXX name be a unique alphanumeric value that does not exceed seven characters. This name is defined as the CXXNAME keyword. If your site has more than one MUF running, ensure that the MUF CXX name for CA CSM is different from all other MUFs.

Note: For more information about the option file keywords, see the Installation Guide.

CA Common Services for z/OS and z/OS Compatibility

Due to a potential compatibility issue with CA Common Services for z/OS Version 14.0 and later and z/OS V2.1, verify that all available maintenance for CA Common Services for z/OS is installed on your system.

Note: For more information about software requirements, see the Site Preparation Guide.
Using a Volume Pool Name for the Volume Serial Number Parameters

If you use CA Allocate with PTF RO60802 applied, you can specify a volume pool name as a value for the volume serial number parameters in the MSMSetupOptionsFile.properties options file. The serial number parameters are: CSIVOL, TargetVOL, DlibVOL, RuntimeVOL, and DatabaseVOL.

Note: For more information about the options file keywords, see the Installation Guide.

Install CETN600

CETN600 provides support for both the Software Deployment Service (SDS) and the Software Configuration Service (SCS). If you want to use the SDS and SCS functions, you have to install CETN600 into your CA Common Services for z/OS.

Note: For more information about downloading and installing CETN600 and general installation instruction for CA Common Services for z/OS, see Configuring SDS and SCS in CA CSM in the CA CSM bookshelf under User Documentation By Task, and see the Site Preparation Guide.

Starting CA CSM for the First Time

The first start of CA CSM may take a longer amount of time than it usually does at your site. This delay occurs due to the initial data processing. All the subsequent starts will take the usual amount of time to complete.
Displaying Web Interface Elements in Google Chrome

Google Chrome 32 or later may not properly display some elements of the CA CSM web-based interface. This is a known Google Chrome issue. This issue does not affect CA CSM operation in any way.

Note: For more information about supported browser versions, see the Site Preparation Guide.
Appendix A: Third-Party Software Acknowledgements

This section provides information about third-party software acknowledgments. The third-party license agreements are available in the \Bookshelf Files\TPSA folder in the CA Bookshelf.

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