CA Chorus Software Manager Update

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August 7, 2014 08:30-09:30, DLLCC, Room 310
Session: 15800
CA Chorus Software Manager (formerly known as CA Mainframe Software Manager) allows products and maintenance to be downloaded, installed, deployed, and configured via a web browser. CA CSM is available at no additional charge to CA customers with any licensed z/OS product. In this session, a representative from CA Technologies' Mainframe Solution Center will review the changes delivered with current CSM 6.0 release.
Agenda

- What is CA Chorus Software Manager (CSM)?
- CA CSM v6
  - Requirements for CA CSM v6
  - New features in CA CSM v6
  - Changed features in CA CSM v6
  - Deprecated features in CA CSM v6
- New Process for Submitting DAR/Enhancement Requests
- Questions
What is CA Chorus Software Manager (CA CSM)?
CA Chorus Software Manager (CSM)

What it does

- Downloads software products and service from CA Support Online
  - Includes other artifacts (e.g. PDFs, letters, etc.)
  - Ability to schedule downloads, particularly CARS and HOLDDATA
- Installs products into new or existing CSIs
- Evaluates and installs maintenance into CSIs
  - Selecting one or more PTFs/APARs
  - Using CA Recommended Service (CARS) for selection
  - Using FIXCAT for selection
- Installs “External Maintenance” and “External Packages”
  - e.g. ++APARs, ++USERMODS
  - e.g. Beta products, other vendor products
- Migrates preexisting CSIs into CA CSM
- Deploys product target libraries to local or external systems
- Configures deployed products for production use

Available at no additional cost for customers with current CA maintenance agreements
CA CSM v6.0

CSM v6
- GA Release as of April 28, 2014

CA MSM/CSM End Of Service (EOS)
- R4.1 / R5.0 February 28, 2014
- R5.1 not announced
Requirements for CA CSM v6
Requirements for CA CSM v6

Site and System Requirements

- **Mainframe requirements**
  - **Hardware**
    - Any IBM processor capable of running a currently supported z/OS operating environment. A zIIP (or zAAP) is HIGHLY recommended
  - **Software**
    - z/OS 1.13, 2.1
    - IBM 64-bit Java SDK 1.7 for z/OS
    - SMP/E V3R5 or V3R6
    - JES2 or JES3
Requirements for CA CSM v6

Site and System Requirements

- Mainframe requirements
  - Software
    - TCP/IP
    - CA Common Services r14.1 or r14, all available maintenance should be applied
    - CETN600 for CSM Software Deployment and Software Configuration services

- Installation Considerations
  - Upgrade from r5.1, v5.0 or r4.1
  - Install CA CSM v6 as a new installation
New Features in CA CSM v6
New Features in CA CSM v6

Configure Mount Parameters for CA CSM File Systems

- Actually introduced in CSM 5.1 (Sep 2013 Build)
- Set in SAMPLIB member MSMLIB
- Ability to set mount options for CSM File systems
- Documented in CSM Admin Guide
  
  IJO="$IJO -DADD_MOUNT_DEFAULT_OPTIONS=
  
  SETUID|NOSETUID,
  
  SECURITY|NOSECURITY,
  
  AUTOMOVE|NOAUTOMOVE|UNMOUNT"
New Features in CA CSM v6

**SMP/E Environments Tab Zone Set**

- **New concept called ‘Zone Set’**
  - Useful for customers who have many zones in one CSI
  - Enables you to filter the zones you want, then name the filter
  - This gives a significant performance boost, not having to wait for all zones to paint in the UI
New Features in CA CSM v6

*SMP/E Environments Tab Zone Set*

- Navigation made easier and faster
- SMPE/E tree now includes zone set and installed products
New Features in CA CSM v6

SMP/E Environments Tab Zone Set

Creating a Zone Set

1. Expand Zone Sets
2. Select Zone Set
3. Create Zone Set
4. Enter zone set name and description
5. Select target zones

Create Zone Set

Name*: My 3 products
Description:

Available
ACF214T
CAGENT
CCSLEG
CCST
CLNAT
CLNRT
CLNTT
COPYCCT
DATACMT
DB216T

Selected
AUDIT
CA1T
CA7T

Create
Cancel
Help
New Features in CA CSM v6

*SMP/E Environments Tab Zone Set*

New Zone Set called ‘My 3 products’
New Features in CA CSM v6

**SMP/E Environments Tab Zone Set**

Maintain, deploy, and configure from a zone set
New Features in CA CSM v6

Automatic Maintenance Update

New way to show products installed in the CSI
New Features in CA CSM v6

**Automatic Maintenance Update**

- Schedule updates for some or all of the products in a CSI
- Download only, or Download and Receive
New Features in CA CSM v6

Product Configuration Without Deployment

- Ability to configure products without deploying first
- Configure from a deployment is still supported
**New Features in CA CSM v6**

*Product Configuration Without Deployment*

- Target/Selected system must be Staging System

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**Definition:**

- **Name:** Enter the configuration name, select its target system, and click Next.

**Define:**

- **Description:** Enter a unique name (up to 180 US-ASCII printable characters), or click Generate Name. Clicking Generate Name will overwrite the entered name.

**Systems:**

- **Select and:** Show Libraries

<table>
<thead>
<tr>
<th>Select</th>
<th>System Name</th>
<th>Description</th>
<th>z/OS Version</th>
<th>Configuration Service Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>STAGXE21</td>
<td></td>
<td>01.13.00</td>
<td>localhost</td>
</tr>
</tbody>
</table>

*System STAGXE21 is a staging system and will require you to manually complete the steps documented in the Activation Instructions.*
New Features in CA CSM v6
Product Configuration Without Deployment

System Registry Requirements for CSM Host

**SCS Address Space Location**

- **Host Name**: mvsxe21
- **TCP Port Number**: 49152
- **TCP Connection Retry Count**: 15
- **TCP Connection Timeout Value in Seconds**: 10

**FTP Locations**

- **Host Name**: mvsxe21
- **Port**: 21
- **Directory Path**: /u/users/mmserv/ccispsrv/ftp/
New Features in CA CSM v6
Product Configuration Without Deployment

System Registry Requirements - Staging System Definition

STAGXE21

System Registry > Staging Systems > STAGXE21

General

Information

This page provides general information about the system.

Name*: STAGXE21

z/OS Version*: 01.13.00

Description:

GIMUNZIP Volume: TSO21P

zFS Candidate Volumes: TSO21P
Changes to Existing Features
Changes To Existing Features in CA CSM v6
*SMP/E Environments Tab Reworked*

- New navigation tabs for zone sets, installed products, maintenance, and pending installs.
Changes To Existing Features in CA CSM v6

*Maintenance Wizards*

- Unified and simplified
  - Reduced number of steps

- Affects corrective, CA RS, and FIXCAT maintenance wizards

- Identify ZAPs in Maintenance Wizards
  - Identifies ZAP Packages among standard maintenance and checks for duplication
  - If more than one ZAP will update the same product module, CA CSM excludes it from processing together with any package that depends on it
  - Excluded ZAPs and related packages are listed in maintenance summary
Changes To Existing Features in CA CSM v6

Maintenance Wizards

- Summary contains any ZAPs identified to be excluded
CA Recommended Service Installation Wizard

This wizard guides you through CA RS installation. By default, the wizard runs in online mode and GROUPEXTEND mode. CA CSM checks CA Support Online for the latest patches and maintenance, downloads them, and applies the selected maintenance and all its requisites. To change the default behavior, review and adjust the options on this step.

The SMP/E environment global zone may get updated with new HOLDDATA and maintenance packages during the wizard process. Exiting the wizard before running Check Only or CSM and Apply does not cancel these updates.

Your current CA RS level CAR1401 is 5 days old.
Your current HOLDDATA file is 3 days old.

Optional Installation Modes
Selecting these overrides the default behavior.

- **GROUPEXTEND**
  - CA CSM automatically applies all selected maintenance and all their requisites, and verifies whether a superseding maintenance package is available for any unsatisfied (not received, or held in error) requisite.
  - This mode may pull in additional maintenance packages that are not part of the published CA RS level.

- **Offline**
  - CA CSM does not connect to CA Support Online and only uses the CA RS levels and maintenance that are currently available in the software catalog. No additional updates or maintenance are downloaded.
Update Using FIXCAT Wizard

This wizard guides you through FIXCAT installation. By default, the wizard runs in online mode and
GROUP mode: CA CSM checks CA Support Online for the latest updates and maintenance,
downloads them, and applies the selected maintenance and all its requisites.
To change the default behavior, review and adjust the options on this step.

The SMP/E environment global zone may get updated with new HOLDDATA and maintenance
packages during your progress through the wizard. Exiting the wizard before running Check Only
or Check and Apply does not cancel these updates.

Your current HOLDDATA file is 3 days old.

Optional Installation Modes
Selecting these overrides the default behavior.

- **GROUPEXTEND**
  CA CSM automatically applies all selected maintenance and all
  their requisites, and verifies whether a superseding
  maintenance package is available for any unsatisfied (not
  received, or held in error) requisite.

- **Offline**
  CA CSM does not connect to CA Support Online and only uses
  the maintenance that is currently available in the software
  catalog. No updates or maintenance are downloaded.
**Selected Maintenance**

CA CCS R14.1

- **SMP/E > CA CCS R14.1**
  - SMP/E Environment Information
  - Zone Sets
  - Installed Products
  - Maintenance
  - Pending Installations

### Maintenance View Criteria

- **Selected Zones:** CAIT, CAID
- **Selected Functions:** No scope defined

### Maintenance

- Select one or more maintenance packages to be processed.

**Select and:** Receive | Apply | Accept | Accept GROUP | Reject | Restore

- **Filter:**
  - **Q009740**
    - APAR
    - Description: REPORT - INVALID CALR880E AND RC=12 WHEN EOR USED.
    - Function: CXE6100
    - Status: Superseded
    - Actions

- **Q095030**
  - APAR
  - Description: REPORT - INVALID CALR880E AND RC=12 WHEN EOR USED.
  - Function: CXE6100
  - Status: Superseded
  - Actions

- **RO20913**
  - PTF
  - Description: U3000 SOC7 ABEND IN EARLPAS AT END OF COMPIL
  - Function: CXE6100
  - Status: Superseded
  - Actions

- **RO25737**
  - PTF
  - Description: ABEND - S30A WHEN VSM USEZOSV1R3RULES(III) IN EFFECT
  - Function: CXE6100
  - Status: Superseded
  - Actions

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Selected Maintenance Wizard

This wizard guides you through maintenance installation. By default, the wizard runs in online mode and GROUP mode: CA CSM checks CA Support Online for the latest updates and maintenance, downloads them, and applies the selected maintenance and all its requisites. To change the default behavior, review and adjust the options on this step.

The SMP/E environment global zone may get updated with new HOLDDATA and maintenance packages during your progress through the wizard. Exiting the wizard before running Check Only or Check and Apply does not cancel these updates.

Your current HOLDDATA file is 3 days old.

Optional Installation Modes
Selecting these overrides the default behavior.

- **GROUPEXTEND**
  CA CSM automatically applies all selected maintenance and all their requisites, and verifies whether a superseding maintenance package is available for any unsatisfied (not received, or held in error) requisite.

- **Offline**
  CA CSM does not connect to CA Support Online and only uses the maintenance that is currently available in the software catalog. No updates or maintenance are downloaded.
Changes To Existing Features in CA CSM v6

*Deployment wizard*

- **Deploying Products from Uncataloged Target Libraries**
  - You can deploy products from uncataloged target libraries. This provides you with more flexibility in selecting source datasets for product deployment.
Changes To Existing Features in CA CSM v6

*Deployment wizard*

- **Deploy products from Multi-zone CSI**
  - Step 2 of the deployment wizard enables to you select zones to choose products to deploy
  - Using this zone selection helps you locate products faster
  - Assists in the selection of a product that is in multiple zones in a CSI
Changes To Existing Features in CA CSM v6
*Deployment wizard*

### SMP/E Environments

- **Mark’s big ol’ CSI**
  - Zone Sets
    - 2 products
  - Installed Products

### Actions

- **Migrate SMP/E Environment**

### SMP/E Environment Information

- **Name:** Mark’s big ol’ CSI
- **CSI Data Set:** KOEMA01.PUBLIC.CSI.CAI.CSI
- **Data Set Name Prefix:** KOEMA01.PUBLIC.CSI.CAI

### Zones

<table>
<thead>
<tr>
<th>Name</th>
<th>Zone Type</th>
<th>Data Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLOBAL</td>
<td>Global</td>
<td>KOEMA01.PUBLIC.CSI.CAI.CSI</td>
</tr>
<tr>
<td>ACF214T</td>
<td>Target</td>
<td>KOEMA01.PUBLIC.CSI.CAI.CSI</td>
</tr>
<tr>
<td>AUDIT1T</td>
<td>Target</td>
<td>KOEMA01.PUBLIC.CSI.CAI.CSI</td>
</tr>
<tr>
<td>CAGENT</td>
<td>Target</td>
<td>KOEMA01.PUBLIC.CSI.CAI.CSI</td>
</tr>
<tr>
<td>CA1T</td>
<td>Target</td>
<td>KOEMA01.PUBLIC.CSI.CAI.CSI</td>
</tr>
<tr>
<td>CA2T</td>
<td>Target</td>
<td>KOEMA01.PUBLIC.CSI.CAI.CSI</td>
</tr>
<tr>
<td>CCST</td>
<td>Target</td>
<td>KOEMA01.PUBLIC.CSI.CAI.CSI</td>
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<tr>
<td>CLNAT</td>
<td>Target</td>
<td>KOEMA01.PUBLIC.CSI.CAI.CSI</td>
</tr>
<tr>
<td>CLNRT</td>
<td>Target</td>
<td>KOEMA01.PUBLIC.CSI.CAI.CSI</td>
</tr>
</tbody>
</table>
Changes To Existing Features in CA CSM v6

Deployment wizard
Changes To Existing Features in CA CSM v6

Deployment wizard

New Deployment

1. Introduction
2. Product Selection
3. Custom Data Sets
4. Methodology Selection
5. System Selection
6. Preview

Select one or more products and features to deploy.

CSI Data Set: KOEMA01.PUBLIC.CSI.CAI.CSI

Selected Zones: CA7T

Change Zone Selection

Products to Deploy

<table>
<thead>
<tr>
<th>Select</th>
<th>Product Name</th>
<th>Feature</th>
<th>Release/Gen Level</th>
<th>Zone</th>
<th>Text</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>CA Workload Automation CA 7 Edition Full Config</td>
<td></td>
<td>12.00.00</td>
<td>CA7T</td>
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<td>0</td>
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<td>CA7T</td>
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<tr>
<td>0</td>
<td>JFM r11</td>
<td></td>
<td>12.00.00</td>
<td>CA7T</td>
<td></td>
</tr>
</tbody>
</table>

Selected 0 of 7.
Changes To Existing Features in CA CSM v6

Secure FTP Deployment

- Deploy products to remote systems using FTP over TLS
- Allows data to be exchanged in a secure, encrypted manner
- Designate in System Registry
Changes To Existing Features in CA CSM v6

Secure FTP Deployment

- Specify details in the Settings Tab, Software Deployment

![Image of CA Chorus™ Software Manager with settings for Secure FTP Deployment]
Changes To Existing Features in CA CSM v6

Configuration Services

- **Configuration Import**
  - Now supports import of configuration settings, system settings, and variables from a previous configuration for a product.
  - Import and delete of previous configuration has been added. This helps save time when creating configurations or addressing failures in configuration implementation.
Changes To Existing Features in CA CSM v6

Miscellaneous

- Upgrade to CA Datacom/CSM v14

- Single Sign on with CA Chorus
  - CA CSM now uses Pass Tickets so you can sign into CA CSM from CA Chorus without having to re-enter your credentials
Changes To Existing Features in CA CSM v6

New Documentation

- Quick Start Guide
  - Provides an introduction to CA CSM user interface and an overview of the CA CSM user documentation
Changes To Existing Features in CA CSM v6

New Documentation

- **New documented 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
Deprecated Features and Deliverables
Deprecated Features and Deliverables

**CA RS Automatic update for an SMP/E Environment**

- The CA RS automatic scheduling is no longer supported.
- The buttons ‘Set Automatic Update’ and ‘Clear Automatic Update’ were removed from the SMP/E info page.

![Screen Capture of SMP/E Environment Information with Set and Clear Automatic Update buttons highlighted.]

- You can now use the new Automatic Maintenance Update feature for scheduling.
Deprecated Features and Deliverables

Maintenance Action Links

- The links Apply GROUPEXTEND and Install were removed from the Maintenance page of the SMP/E Environments tab.
Deprecated Features and Deliverables

Maintenance Action Links

- Use the new Apply link to manage product maintenance. Clicking this link opens the new maintenance wizard that lets you tailor the process of working with maintenance.
Deprecated Features and Deliverables

**Installation Status Tab**

- This was removed from the Maintenance Package Details dialog (on Products Tab)
- You can review maintenance packages and their installation status as well as perform actions on the packages
  - At the release level – from Products tab
  - At the SMP/E environment level – from the SMP/E Environments tab, Maintenance page
 Deprecated Features and Deliverables

**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.
New Process for Submitting DAR/Enhancement Requests
Log in to community
Userid and password

- To Log into the community you will need to use your Support Online id and password.

https://communities.ca.com/community/ca-mainframe-community
Select Communities
Type ‘chorus’ in filter box; select CA Chorus community
Select Content
Select ‘Create an Idea’
three places to chose action from;

1) From pencil icon pull-down

2) From Action pull-down

3) From action on left panel
Remember to answer these questions:

1. What business problem will be solved by adding this new feature?
2. Describe the importance and urgency level.
3. Describe the Enhancement Request in Detail.
4. Describe how you envision this new feature being implemented.
5. Are you willing to formally test this new functionality prior to general availability (i.e. Beta)?
Select how you want the idea to appear

*continued on next slide*

Creating ‘in a place’ will put this in the CA Chorus community

- Guest means it is anonymous
- You can create one as hidden until you want to share with others
Work with specific people or share with full CA community

continued on next slide

The specific people option allows you select others to work with for an idea, instead of the full community.

Share with broader CA community, so it is visible outside CA Chorus community.
Select the appropriate category or categories
Then Publish
See your ideas and status in ideas tab
Vote on your favorite Ideas
Vote is visible when you view the idea
CA Chorus Software Manager Resource Center

Here you'll find everything you need to know about how to install and use CA Chorus Software Manager (CA CSM). Whether you're new to CA CSM and are interested in learning more about it or are an experienced user with a "how to" question, the CA CSM Resource Center is for you.

Presentations

Here are some recent presentations on Next-Generation Mainframe Management and CA Chorus Software Manager (CA CSM).

CA Chorus Software Manager Update.
For the full text of this document, Click here

CA Recommended Service, FIXCAT Exploitation, and Other Enhancements to CA Service Delivery.
For the full text of this document, Click here

Video Tutorials

In the following tutorials, CA CSM experts from CA's Mainframe Solution Center guide you through the process of installing and using CA CSM. If you're new to CA CSM, we recommend that you view each video in sequence. If you have questions about a specific topic, you can also view any of the videos individually. Topics 1-8 will generally be of interest only to those installing and maintaining CA CSM, while topics 9-15 will be of interest to everyone.

These videos should be viewed in conjunction with the CA Chorus Software Manager Admin Guide and other publications available on the CA Chorus Software Manager Bookshelf that corresponds with your release of CA CSM.

1. Assessing your System for CA CSM

   Ready to install CA CSM? This tutorial discusses how to download and run the CA CSM Prerequisite Validator tool to verify that the necessary software, network, and security prerequisites are present on the system where you'll be installing CA CSM. (Running time: 35 minutes)

2. Preparing your System for CA CSM

   Now that your system is ready for CA CSM, this tutorial discusses the pre-installation activities required for the actual installation, including setting up the z/OS Unix environment and gathering configuration information that will be needed during the installation process. (Running time: 25 minutes)
Questions

- Thanks for your time!
- Questions?
Contact Information

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