

# CA Dispatch™

## Release Notes

Release 11.7



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## CA Technologies Product References

This document references the following CA Technologies products:

- CA OPS/MVS EMA

## 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

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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>.



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# Chapter 1: New Features

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CA Dispatch r11.7 is a feature-specific release created to provide the following:

- The Page Out feature which provides the release of real memory for CADDSP.
- Communication with OPS/MVS EMA.

This section contains the following topics:

[CA Mainframe Software Manager](#) (see page 7)

[CA OPS/MVS System State Manager](#) (see page 7)

[Page Out Feature - Real Memory Storage Release for CADDSP](#) (see page 8)

[Environment](#) (see page 10)

## CA Mainframe Software Manager

CA MSM 4.0 is an application that simplifies and unifies the management of CA Technologies mainframe products on z/OS systems.

CA MSM 4.0 provides services that make it easier for you to do the following:

- 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, enabling you to install and maintain your products faster and with less chance of error.

You can acquire CA MSM 4.0 from the CA Support website.

**Note:** For more information, see your product's installation instructions and the CA Mainframe Software Manager online help.

## CA OPS/MVS System State Manager

Your product can automatically communicate active status events and heart beat events to CA OPS/MVS EMA. The communication is established through a generic active status or heartbeat event API call that CA OPS/MVS EMA provides. With this feature, other products can communicate events consistently to CA OPS/MVS EMA.

**Note:** For more information, see the *User Guide*.

## Page Out Feature - Real Memory Storage Release for CADDSP<sup>L</sup>

CADDSP<sup>L</sup> acquires real memory during processing so it can save pages of report and MSGCLASS data. These memory pages are not fixed and are available for "stealing" by other tasks in the system.

The Page Out feature provides a more proactive approach to releasing memory:

- You can set the frequency of this process and control how often memory is released.
- The release of real memory is triggered automatically.

A new chaining method allows better control of this memory release. With the implementation of sequential chaining, the Page Out process can release memory by LDS file. It works this way:

- The sequential chaining method causes the LDS files to be used sequentially.
- The active LDS is filled up before a switch is made to the next available LDS file.
- The Page Out process can release the memory associated with the full LDS file.
- The timer built into this process allows CA Dispatch time to distribute and process the report data while it still resides in memory.

Page Out will also work with the existing interleaved chaining method but is less efficient since it will release the memory associated to all appended LDS files.

Note: The Page Out feature is turned off by default and must be activated using the PAGEOut parameter.

### When to Use the Page Out Feature

The Page Out feature is useful with systems that are tuned to limit paging. If the real memory usage required by CADDSP<sup>L</sup> is a problem for your system, consider using the Page Out feature.

In other systems, the memory used by CADDSP<sup>L</sup> is not an issue and the Page Out feature will only produce additional CPU usage.

The Page Out feature works best when combined with sequential chaining of the LDS free space chain.

## Determine the Chaining Method

The CADDUTIL utility must be executed with the appropriate settings to set the chaining. The default chaining method for prior releases is interleaved. If your LDS file was initialed using r11.0 or r11.6 then you have interleaved chaining.

Issue:

F SPLx,STATUS,X

command to determine the chaining method. The appropriate CADD528I message is displayed:

**R11.0/r11.6**

CADD528I SPLx Bit Map Interleaved - Updated Bit Map On

**R11.7**

CADD528I SPLx PAGEOut= 000080 Bit Map On Sequential

## Set CADDUTIL Parameters to Reformat the Existing Chaining Method

Execute CADDUTIL with the following parameters to reformat the existing interleaved chaining method to sequential and also activate the Page Out feature to use a cycle of 80:

```
ROOT  DDNAME      = ROOT      ,
      ALTER      ,
      PAGE0      = ( 80 , SEQUENT )
```

The PAGE0 number represents the number of DIV intervals (rewrite function). The Page Out processing will be invoked after the DIV interval has been executed the number of times specified in PAGE0=. The default DIV interval is 41 seconds. A PAGE0 value of 80 will result in the cycle being executed every 54 minutes.

The PAGE0 value can be changed to increase or decrease this interval. There are two keyword values for PAGE0.

- A value of 0 indicates that the feature is not active; this is the default value.
- A value of 9999 produces an immediate Page Out cycle at the end of the next DIV interval.

9999 also causes the Page Out feature to free the memory associated with all LDS files regardless of the chaining method. After the 9999 cycle the PAGE0 value is reset to the default value of 80.

The PAGE0 value can be set by CADDUTIL during the initialization or alter of the root LDS. It is also set dynamically during CADDSP execution using the SET command:

F SPLx,SET,PAGE0=9999

## Environment

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

### Supported Operating Systems

CA Dispatch r11.7 only supports those releases of z/OS and JES2 that are supported by IBM. This includes z/OS, and the related releases of JES2 and JES3.

### Scalability, Availability, and Prior Versions

CA Dispatch r11.7 will have the same scalability as previous versions.

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

### Backward Compatibility

CA Dispatch Version 11.7 will be able to read prior version report data found on disk and tape.

# Chapter 2: Enhancements to Existing Features

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This section contains the following topics:

[Documentation](#) (see page 11)

## Documentation

This section contains topics that are related to documentation enhancements.

### CA Dispatch Installation Guide

The Installation Guide has been restructured and describes the following methods of installing CA Dispatch.

- CA MSM 4.0
- Electronic Software Delivery (ESD)
- DVD
- Tape

### Changes to Data Set Names

The names of the [data sets/libraries] have changed. We recommend that you review the following table to determine the impact this may have to your installation:

| r11.7        | r11.6        | r11.0       | Description       |
|--------------|--------------|-------------|-------------------|
| CAI.CADSCLSO | CAI.CAICLSO  | CAI.CAICLIB | CLIST library     |
| CAI.CADSDA42 | CAI.CADSDA42 | n/a         | Dictionary Files  |
| CAI.CADSDA46 | CAI.CADSDA46 | n/a         | Helptext Files    |
| CAI.CADSJCL  | CAI.CADSJCL  | n/a         | JCL library       |
| CAI.CADSLMDO | CAI.CAIISPL  | CAI.CAIISPL | ISPF load library |
| CAI.CADSLOAD | CAI.CAILIB   | CAI.CAILIB  | Load library      |
| CAI.CADSMAC  | CAI.CAIMAC   | CAI.CAIMAC  | Macro library     |

| r11.7        | r11.6       | r11.0        | Description         |
|--------------|-------------|--------------|---------------------|
| CAI.CADSOPTN | CAI.CAIOPTN | CAI.PPOPTION | Options library     |
| CAI.CADSPNLO | CAI.CAIPNLO | CAI.CAIISPP  | ISPF panels library |
| CAI.CADSPROC | CAI.CAIPROC | CAI.CAIPROC  | Procedure library   |
| CAI.CADSSRC  | CAI.CAISRC  | CAI.CAISRC   | Source library      |
| CAI.CADSXML  | CAI.CAIXML  | n/a          | XML data            |

Note: The documents in the CA Dispatch documentation set have been updated with the r11.7 values.

## CA Dispatch Best Practices Guide

The Release 11.7 changes made in the CA Dispatch Best Practices Guide include information about:

- Software Configuration Service (SCS)
- Active and Heartbeat Event Management through CA OPS/MVS EMA

## CA Dispatch Message Guide

The Release 11.7 changes made in the CA Dispatch Message Guide include:

- Updates and new CADDSP messages
- Updates and new messages in the DCn and DCDn sections.

## CA Dispatch Reference Guide

The Release 11.7 changes made in the CA Dispatch Reference Guide are in Chapter 12. Archiving,

A note is added about the archive format in the Retrieving Archived Reports from the Database section.

## CA Dispatch User Guide for the Report Administrator

The Release 11.7 changes made in the CA Dispatch User Guide for the Report Administrator are in Chapter 17. Archiving,

A note is added about the archive format in the Retrieving Archived Reports from the Database section.

## CA DRAS Operations Guide

This document has been added to the CA Dispatch Release 11.7 documentation set.



# **Chapter 3: Upgrade Considerations**

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CA Dispatch r11.7 will be available to all CA Dispatch customers with active maintenance contracts. There is no specific license required to upgrade to r11.7.

The upgrade from release 11.6 to 11.7 is a software upgrade. Note that this upgrade process does not restructure the databases or LDS.