
Unicenter

Management Services Version 5.0 Release and Migration Guide

1st edition

P01-067



Computer Associates
The Software That Manages eBusiness



Edition	Publication Number	Publish Date
1st Edition	P01-067	October 2001

This documentation and related computer software program (hereinafter referred to as the "Documentation") is for the end user's informational purposes only and is subject to change or withdrawal by Computer Associates International, Inc. ("CA") at any time.

This documentation may not be copied, transferred, reproduced, disclosed or duplicated, in whole or in part, without the prior written consent of CA. This documentation is proprietary information of CA and protected by the copyright laws of the United States and international treaties.

Notwithstanding the foregoing, licensed users may print a reasonable number of copies of this documentation for their own internal use, provided that all CA copyright notices and legends are affixed to each reproduced copy. Only authorized employees, consultants, or agents of the user who are bound by the confidentiality provisions of the license for the software are permitted to have access to such copies.

This right to print copies is limited to the period during which the license for the product remains in full force and effect. Should the license terminate for any reason, it shall be the user's responsibility to return to CA the reproduced copies or to certify to CA that same have been 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 the end user or any third party for any loss or damage, direct or indirect, from the use of this documentation, including without limitation, lost profits, business interruption, goodwill, or lost data, even if CA is expressly advised of such loss or damage.

The use of any product referenced in this documentation and this documentation is governed by the end user's applicable license agreement.

The manufacturer of this documentation is Computer Associates International, Inc.

Provided with "Restricted Rights" as set forth in 48 C.F.R. Section 12.212, 48 C.F.R. Sections 52.227-19(c)(1) and (2) or DFARS Section 252.227-7013(c)(1)(ii) or applicable successor provisions.

© 2001 Computer Associates International, Inc.

All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.

Table of Contents

Chapter 1	New and Enhanced Features in Management Services.....	1-1
	About Version 5.0.....	1-2
	New Features in Version 5.0	1-2
	Using LMP Keys for License Control	1-2
	Dependency on Unicenter TNG Framework	1-2
	LMP Keys and LMP Codes	1-2
	The New PROD= Parameter.....	1-3
	Displaying License Information	1-3
	Initialization and Customization Services.....	1-3
	Access to NetSpy Functions.....	1-4
	Enhanced Features in Version 5.0	1-5
	Menu Restructure, Shortcuts, and Tip of the Day.....	1-5
	Selecting a Function Directly by Using Shortcuts.....	1-5
	Tip of the Day	1-5
	Migration Issues for User-defined Items	1-5
	Logging Integration.....	1-6
	Multi-file Support	1-6
	Filtering Options	1-6
	Finding Text.....	1-7
	Positioning by Date and Time.....	1-7
	Printing.....	1-7

Object Services.....	1-7
MIB Connection.....	1-7
DBCS JCL Parameter	1-8
Summary of New and Enhanced Features in Version 4.1	1-8
New Features.....	1-8
Enhanced Features	1-8
Summary of New and Enhanced Features in Version 4.0	1-9
New Features.....	1-9
Enhanced Features	1-9
Summary of New and Enhanced Features in Version 3.7	1-10
New Features.....	1-10
Enhanced Features	1-10
Chapter 2	
 Migrating to Version 5.0.....	2-1
RUNSYSIN Compatibility	2-2
Initialization and Customization Services.....	2-2
Further Information	2-2
Log File Compatibility	2-3
Customized Log Procedures	2-3
Migrating Files.....	2-4
Migrating the VFS File	2-4
Migrating Log Files.....	2-4
Migrating the USERIDS File	2-4
Migrating the PANELS File.....	2-5
Migrating the MODS File	2-5
Migrating the PSM Spool File	2-5
Migrating the NETINFO File.....	2-5
Migrating the OSCNTL File	2-6
Migrating Records	2-6
Migrating Report Schedules.....	2-6
Migrating Individual Panels	2-6
Migrating MODS Definitions	2-7
Migrating Installation-defined NETINFO Records	2-8
Migrating ASN.1 Maps	2-8
Migrating Security Exits.....	2-8
Issues for Users of NMSSI and AOM	2-9
Upgrading the Data Space Manager	2-10

1

New and Enhanced Features in Management Services

This chapter provides an overview of the new and enhanced features in Version 5.0. It also provides a summary of the new and enhanced features in the three previous versions.

This chapter contains the following topics:

- About Version 5.0
- New Features in Version 5.0
- Enhanced Features in Version 5.0
- Summary of New and Enhanced Features in Version 4.1
- Summary of New and Enhanced Features in Version 4.0
- Summary of New and Enhanced Features in Version 3.7

About Version 5.0

This release of Management Services Version 5.0 adds several new features and enhancements. Some of these are required to support new releases of products; others have been requested by customers.

New Features in Version 5.0

This release includes the following new features:

- LMP replacing APKs for license control
- Use of Initialization and Customization Services
- Access to NetSpy functions

Using LMP Keys for License Control

License control for the NetMaster, NetSpy, and SOLVE product range is now managed by Licence Manager Program (LMP) keys. Because of this, there are no longer Asset Protection Keys (APKs) for these products.

All licence control using LMP keys is performed in Management Services, the common foundation of the NetMaster, NetSpy, and SOLVE products.

Dependency on Unicenter TNG Framework

LMP checking is a service that is provided by the Resource Initialization Manager (CAIRIM), a standard part of the TNG Framework for OS/390. This means that the TNG Framework is a prerequisite for the OS/390 NetMaster, NetSpy, and SOLVE products.

LMP Keys and LMP Codes

An LMP code is a two-character code assigned on a product and operating system basis. Each product has different two-character values for each operating system. The codes do not vary for different releases of a product.

A separate LMP key is issued for each LMP code, that is, for each combination of product and operating system. Before using Management Services Version 5.0, you must obtain LMP keys for any NetMaster, NetSpy, and SOLVE products that you require.

For details of how to obtain LMP keys, see your information sheet, *Important Information Regarding Product Licensing*.

The New PROD= Parameter

There is a new JCL parameter, PROD=, to specify the NetMaster, NetSpy, and SOLVE products to be included in your region initialization. This parameter replaces the INC=, EXC=, and LIC= parameters in your RUNSYSIN members.

For details of RUNSYSIN members, see the *Unicenter Mainframe Installation and Setup Instructions*.

For details of the PROD= parameter and a table of LMP codes and keys, see Appendix B, *JCL Parameters*, in the *Management Services Administrator Guide*.

Displaying License Information

The SHOW LICENSE command is now obsolete, and will produce an error message. To display current license details, use either of the following commands:

- The STATUS command
- The \$\$\$ command (or the /LEVELS shortcut)

For information about using shortcuts for navigation, see the *Getting Started* chapter in your product user guide.

Initialization and Customization Services

Region setup has been simplified by the introduction of Initialization and Customization Services (ICS), which manages all system parameters required by a region. ICS organizes system parameters into parameter groups, which you can browse or update online.

System parameters are grouped by category (such as security) in logical parameter groups, to simplify the process of initializing and customizing a region.

Groups of individual parameters translate into one or more of the following:

- SYSPARMS that determine how your region functions. (If you want to learn about SYSPARMS, see the *Management Services Administrator Guide*.)
- Global variables that are used by various NCL applications to control their functions.
- Local parameters that define how to implement actions associated with parameter groups (for example, specifying datasets to be allocated).

For further information about using ICS, see Chapter 2, *Customizing Management Services*, in the *Management Services Administrator Guide*.

Access to NetSpy Functions

If your region includes NetSpy 6.0, Management Services now gives you access to the following NetSpy SNA agent functions:

- Managing NetMaster-to-NetSpy connections

You can issue commands to stop and start a NetMaster-to-NetSpy link. You can also send console commands to the NetSpy region connected by a link.

- Managing monitors

You can manage NetSpy user alert monitors in the following ways:

- Adding
- Deleting (deactivating)
- Copying
- Modifying
- Adding
- Checking status

- Command interface

You can send commands to NetSpy for execution.

For further information, see the *Management Services Administrator Guide*.

Enhanced Features in Version 5.0

This release includes the following enhanced features:

- Unified menu structure and shortcuts
- Logging integration
- Object Services is no longer required in Management Services or NetMaster for SNA
- MIB connection is now required only for SOLVE:Central

Menu Restructure, Shortcuts, and Tip of the Day

The menu structure of the NetMaster, NetSpy, and SOLVE product family has been reorganized and unified so that it is based on functionality rather than individual products.

The unified menus include shortcuts that are easy to remember. You can use these shortcuts as your primary means of navigation, exploring the menus only when you need to find less common options. There are many standard shortcuts already provided when you install your products. These shortcuts are shown beside options on menus. You can customize your region by changing these shortcuts or setting up your own menu shortcuts.

Selecting a Function Directly by Using Shortcuts

To jump to the panel of a function directly:

- Specify **/shortcut-name** to retain the current panel on return.
- Specify **=/shortcut-name** to close the current panel and return to the primary menu on exit.

Note

Enter / or =/ to list all shortcuts.

Tip of the Day

Each time you log on to your product region, the primary menu shows a tip of the day. To view more details of a tip, position your cursor on it and press F1 (Help).

Migration Issues for User-defined Items

Unified menus have an impact on product migration. Anything dependent on a specific panel path, menu name, menu title, menu structure, or option mnemonic must be reviewed and updated.

If you have defined any of the following, you need to review and update them:

- Automatic logon scripts of any type
- CAS commands
- RAMDB (Automation Services) commands
- User-defined menus, including User Services
- User NCL procedures
- OCS EQUATES

Note

We recommend that you replace panel paths, wherever possible, with shortcuts, rather than with new panel paths.

Logging Integration

Logging facilities have been enhanced to include the following features:

- Multifile support
- Filtering options
- Finding text
- Positioning by date and time
- Printing

These features are described in the following sections.

Multi-file Support

Multi-file support provides the following features:

- Supports multiple concatenated log files
- Swaps logs automatically when the log file is full
- Swaps logs on demand (using the /LOGSWAP shortcut)
- Log browse accesses concatenated files as a single logical file

Filtering Options

The activity log supports the following commands for displaying a subset of records:

- TEXT
- ORIGIN
- REGION

Finding Text

Text finding has been enhanced as follows:

- Supports the following commands (within the current day):
 - FIND *text* FIRST
 - FIND *text* LAST
- Supports compound FIND arguments, using the AND (&) or OR (|) operators.
- The scan limit can be set in the LOGFILES parameter group in ICS.

Positioning by Date and Time

The DATE command now supports a wide range of date formats, and the TIME command supports formats up to hundredths of a second.

Printing

You can now print records from the activity log, using the PRINT command in any of the following forms:

- PRINT START
- PRINT END
- PRINT
- PRINT CANCEL
- PRINT SCREEN
- PRINT *nnnn* LINES
- PRINT *mmmm* MINUTES

For further information about using the activity log, see:

- Chapter 12, *Implementing the Activity Log*, in the *Management Services Administrator Guide*
- Online help (F1) from the activity log panel

Object Services

You no longer require Object Services to support any functions in Management Services or NetMaster for SNA.

MIB Connection

You no longer require MIB connection for Management Services or for any product except SOLVE:Central.

DBCS JCL Parameter

The DBCS SYSPARM, used to specify that a region supports double byte character terminals, has been superseded by the DBCS JCL parameter. The operands for this parameter have not changed.

Summary of New and Enhanced Features in Version 4.1

The release of Management Services Version 4.1 added several new features and enhancements. Some of these were required to support new releases of products such as NetMaster for File Transfer; others were requested by customers.

New Features

The new feature in Management Services Version 4.1 was the implementation of the Telnet server.

Enhanced Features

The enhanced features in Management Services Version 4.1 were as follows:

- The enhancement of the Data Space Manager to support the Network IT FTP feature of NetMaster for File Transfer
- Enhancements to INMC and INMC/EF link administration
- Enhancements to NMSSI to support the use of system dump datasets
- Inclusion of the TCP/IP interface (sockets interface) as part of Management Services instead of as a separately licensed feature
- The enhancement of AOM message delivery to include a system name prefix
- The enhancement of the Dataset Services Interface (\$DSCALL) OPT=ALLOC to provide options for allocation information
- New system parameter LU1BKSP to specify what to do with the backspace character (X'16') when reading data from an LU1 device
- New system parameter MAIACBOR to specify the number of retries for an MAI open

Summary of New and Enhanced Features in Version 4.0

The release of Management Services Version 4.0 added several new features and enhancements. Some of these were required to support new releases of products such as NetMaster for TCP/IP; others were requested by customers.

New Features

The new feature in Management Services Version 4.0 was the introduction of the Data Space Manager.

Enhanced Features

The enhanced features in Management Services Version 4.0 were as follows:

- Updated SHOW TIMER command
- Enhanced access control for TN3270
- Enhanced user programming feature for \$DSCALL OPT=ALLOC
- Updated \$CACALL VALIDATE EDITS parameter
- Updated NCL &TYPECHK value
- Enhancements to security exits
- Enhancements to SOLVE Subsystem Interface (SSI) implementation
- Enhanced filter function for alert monitor
- Enhanced NDB FIELD command
- Enhanced AOM console handling

Summary of New and Enhanced Features in Version 3.7

Version 3.7 introduced the following enhancements.

New Features

The new features in Management Services Version 3.7 were as follows:

- Utilities for administering signed-on or disconnected users
- Web interface support

Enhanced Features

The enhanced features in Management Services Version 3.7 were as follows:

- Greater flexibility in security administration
- Enhanced information about security exit support
- Simplified access to structured field information
- Updated SYSPARM TCMDMAX operand
- Additional alert monitor commands

Migrating to Version 5.0

This chapter describes how to migrate your installation's data to Management Services Version 5.0 from previous versions.

This chapter contains the following topics:

- RUNSYSIN Compatibility
- Log File Compatibility
- Changes to Text Editor
- Migrating Files
- Migrating Records
- Migrating Security Exits
- Issues for Users of NMSSI and AOM
- Upgrading the Data Space Manager

RUNSYSIN Compatibility

The *dsnpref.mame*.TESTEXEC(RUNSYSIN) member has changed significantly for this release, in the following ways:

- It now uses new initialization parameters (INIFILE, INIRESET, INIDEBUG, and INIWTO).
- It now uses the PROD= parameter to include licensed products in your region.
- The VSAM dataset allocation process has changed.

The NMINIT and NMREADY parameters have been removed from the NMINIT and NMREADY procedures and are now included in Initialization and Customization Services (ICS).

Initialization and Customization Services

ICS now sets your region parameters. Do not code any SYSPARMS commands in the NMINIT and NMREADY procedures. If you do, these commands can interfere with the required settings.

The NMINIT and NMREADY procedures for this release are not compatible with those from previous releases.

Further Information

For further information about these changes, see the following:

- The *Unicenter Mainframe Installation and Setup Instructions*
- The comments in the distributed NMINIT and NMREADY procedures

Log File Compatibility

The physical format of the activity log files for all products has changed with Management Services 5.0. You can no longer use your old Management Services log files.

Note

There are no conversion utilities provided for converting old-format log files to the new format.

You can still browse activity logs across regions with different Management Services levels. From Management Services 5.0, you can browse the following types of activity logs in other regions:

- Management Services 4.0 or 4.1
- Automation Services 4.0

This browsing facility is available in both directions between regions.

Customized Log Procedures

`$LOGPROC` and `$LOGBROW` are now `$LOPROC` and `$LOBROW` respectively. You cannot customize `$LOPROC` or `$LOBROW`, because they are not written in Network Control Language (NCL).

If you have modified `$LOGPROC`, you need to write a log exit routine incorporating your changes.

For further information about log exits, see the *Management Services Administrator Guide*.

Changes to Text Editor

A fix to the CAS Text Editor was issued after the release of Management Services 4.0. This increased the number of digits in the line number field from four to six, to make extra lines available for text editing. As a result, each text line visible on a panel is two characters shorter, as shown:

```
000001 This is a line of text in the new Text Editor.  
0001 This is a line of text in the old Text Editor.
```

If you are running any automatic procedures in the Text Editor, you need to ensure that the length of each text line does not exceed 72 characters.

Migrating Files

This section describes the migration options for each type of file. Where it is stated that the entire file can be copied, use the Access Method Services (IDCAMS) REPRO function (or equivalent) to copy the data from your current file to the Version 5.0 file.

Caution

Files from a previous version must not be shared with a Version 5.0 region except where noted. Neither can they be used with a Version 5.0 region and then used with a back-level region.

Migrating the VFS File

The format of the VFS file is unchanged. Copy the entire file, using the appropriate utility, to the Version 5.0 file. There are no specific utilities supplied to copy individual records, or groups of records between VFS files, although you can use the IDCAMS REPRO function to copy report schedules. For further details, see the section, *Migrating Report Schedules*, on page 2-6.

Migrating Log Files

The physical format of the log files for all products changes with Version 5.0. You cannot use old Management Services log files from Version 5.0 onwards.

There are no conversion utilities provided for converting old format log files to the new format.

Migrating the USERIDS File

The format of the USERIDS file is unchanged. Copy the entire file to the Version 5.0 file, using the IDCAMS REPRO function.

Note

The USERIDS file can be shared between multiple regions running different versions of Management Services, providing the Management Services version on each region is Version 3.0 or later.

Migrating the PANELS File

The format of the PANELS files is unchanged. If you have a panel file containing only installation-defined panel definitions that you want to keep, copy the entire file to the Version 5.0 file, using the IDCAMS REPRO function.

If you have installation-defined panel definitions in the same panel file as distributed panel definitions, see the section *Migrating Individual Panels*, on page 2-6, for details on how to migrate these panel definitions to the Version 5.0 files.

Note

Panels dataset allocation is now controlled by the \$NM PANELLIBS parameter group in ICS. For further information, enter the /ICS shortcut on any panel, select \$NM PANELLIBS, and press F1 (Help).

Migrating the MODS File

The format of the MODS file is unchanged. If you have a MODS file containing only installation-defined MODS entities that you want to keep, copy the entire file to the Version 5.0 file using the appropriate utility.

If you have installation-defined MODS entities in the same MODS file as distributed entities, see the section, *Migrating MODS Definitions*, on page 2-7, for details on how to migrate these MODS entities to the Version 5.0 files.

Note

MODS dataset allocation is now controlled by the \$NM MODSFILES parameter group in ICS. For further information, enter the /ICS shortcut on any panel, select \$NM MODSFILES, and press F1 (Help).

Migrating the PSM Spool File

The format of the PSM spool file (PSPOOL) is unchanged. Because the file is a print spool, you should use an empty file with Version 5.0.

If necessary, your existing file can be copied to the Version 5.0 file. When copying, ensure that the Version 5.0 file is empty, because the merging of spool files is not supported.

Migrating the NETINFO File

The format of the NETINFO file is unchanged. If your installation's existing NETINFO file contains installation-defined categories, see the section, *Migrating Installation-defined NETINFO Records*, on page 2-8, for details on how to migrate these categories to the Version 5.0 file.

Migrating the OSCNTL File

The format of the OSCNTL file is unchanged. If your installation's existing OSCNTL file contains installation-defined ASN1 maps, see the section, *Migrating ASN.1 Maps*, on page 2-8, for details on how to migrate these maps to the Version 5.0 file.

Migrating Records

This section details the migration of entities or groups of entities (records or groups of records). These entities have been defined by your installation on your current system. Each file that supports record-level migration is described.

Migrating Report Schedules

You can copy Report Writer report schedules from an earlier version of the VFS file to a Version 5.0 VFS file. The Access Method Services REPRO function or equivalent must be used as indicated in the following example:

```
/* copy Report Writer Report Schedule records */
REPRO INFILE/INDSN(oldfile.name) -
OUTFILE/OUTDSN(newfile.name) -
FROMKEY($TIST$RW) -
TOKEY($TIST$RW)
```

Sample JCL to run this REPRO function is in *dsnpref.NM500.INSTALL(VFSMIGRW)*.

Migrating Individual Panels

You can copy individual panel definitions from a panel file to a Version 5.0 panel file. You should only copy installation-defined panel definitions. Distributed panel definitions must not be copied. To copy the required panel definitions to the Version 5.0 panel file, perform the following steps:

- Step 1. Enter **ICS** at the `===>` prompt to access the Customization Parameters facility.
- Step 2. Enter **U** beside the PANELLIBS parameter group ID. The Initialization Parameters panel for PANELLIBS is displayed.
- Step 3. Type the name of your panel library path after the last entry beside PANELS.
- Step 4. Press F8 to page down to the first free library ID slot. Enter the dataset name, library ID, and description.

- Step 5. Press F6 to set your concatenation and then F12 to exit, so that the concatenated library is retained only until the next F6 or region restart.
- Step 6. Enter **/PANELS** at the `====>` prompt to access the Panel Maintenance menu.
- Step 7. Select option **M** to copy the required panel definitions to the Version 5.0 file, and press ENTER.
The Panel Move/Copy Menu is displayed.
- Step 8. Enter the *From* library, *To* Library, and panel name.

For more information about the MODS Panel Library Maintenance facility, see the *Managed Object Development Services Programming and Administration Guide*.

Migrating MODS Definitions

The entities stored on the MODS file are as follows:

- Application definitions
- Criteria definitions
- Help definitions
- List definitions
- Menu definitions
- Message definitions
- Object Services definitions
- Panel Domain definitions
- Report definitions
- Table definitions
- Command definitions
- Print Services definitions

To copy MODS entities from your current MODS file to a Version 5.0 MODS file, use the MODS administration utility. You should copy only installation-defined entities—distributed entities must not be copied.

To access the MODS administration utility, use the `/MODSAD` shortcut.

Migrating Installation-defined NETINFO Records

You can copy installation-defined categories from an earlier version of the NETINFO file to a Version 5.0 NETINFO file. The IDCAMS REPRO function or equivalent must be used as indicated in the following example (*cc* indicates the category number):

```
/* copy category control record */
REPRO INFILE/INDSN(oldfile.name) -
OUTFILE/OUTDSN(newfile.name) -
FROMKEY (00cc) -
COUNT(1)
/* copy category data records */
REPRO INFILE/INDSN(oldfile.name) -
OUTFILE/OUTDSN(newfile.name) -
FROMKEY(cc) -
TOKEY(cc)
```

Migrating ASN.1 Maps

There is no utility provided to copy compiled map definitions from an earlier version of the OSCNTL file to a Version 5.0 OSCNTL file.

If you have installation-defined map definitions, you must recompile them on the Version 5.0 system. To compile a map, use the Compile Map option of Mapping Services. To access the Mapping Services Primary Menu, use the /MAPS shortcut.

For more information about Mapping Services, see the *Managed Object Development Services Programming and Administration Guide*.

Migrating Security Exits

There have been no new UAMS structured fields since Version 3.3. As a result, installation security exits are not affected.

Issues for Users of NMSSI and AOM

Note

The following comments apply to OS/390, z/OS, MSP, and VOS3.

Subsystem IDs (SSIDs) cannot be reused by another version of Management Services or NMSSI unless you perform an IPL. This is because information is retained in a version-dependent format across AOM and NMSSI restarts.

The following messages indicate that there is a problem with conflicting versions:

AOM START errors

```
N85724 DESC: SSI (SSAB) SETUP FAILED, RC: OTHER USER OF SSID
N85724 DESC: SSI (SSAB) SETUP FAILED, RC: SSAB LEVEL MISMATCH
N85724 DESC: SSI (SSAB) SETUP FAILED, RC: SSVT EYECATCHER
MISMATCH
```

NMSSI Failure errors

```
NS1101 SSID: xxxxx UNUSEABLE - IN USE ELSEWHERE
NS1101 SSID: xxxxx UNUSEABLE - VALIDATION FAILURE (1)
NS1101 SSID: xxxxx UNUSEABLE - VALIDATION FAILURE (2)
NS1101 SSID: xxxxx UNUSEABLE - VERSION MISMATCH
```

To temporarily rectify the problem, perform one of the following procedures:

- Allocate new SSIDs to be used until the next IPL. This can be done by using the following:
 - The NMAOMSSC program in MSP or VOS3
 - The SETSSI operator command in OS/390 or z/OS
- Set up spare SSIDs in the SYS1.PARMLIB member(s) (IEFSSNxx). This can be done as part of the preparations for installing a new release of Management Services or NMSSI.

Note

These measures are only temporary. You should perform an IPL as soon as possible.

Upgrading the Data Space Manager

The default, and minimum, value for the CNFGSIZE= parameter has been increased from 40K to 256K.

The format of the DIV dataset has been changed in Version 5.0.

The data space and its associated DIV dataset are automatically upgraded when the Version 5.0 Data Space Manager is first used with the DIV dataset.



Warning

Once they have been upgraded, the data space and associated DIV dataset cannot be used on a system running Version 4.1 or earlier.

We recommend that you make a backup (using IDCAMS REPRO) of your current data space before upgrading it to Management Services Version 5.0.

Note

Regions running Version 4.1 and earlier will continue to work with the upgraded data space.

Check the installation JCL for your Data Space Manager. Ensure that the STEPLIB DD statement for DSM points to the load library, *dsnref.MS500.MSLOAD*.