



IBM System x

IBM Deployment Pack for
Microsoft System Center Configuration Manager 2007
Release Notes

Version 1.0





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Note

Before using this information and the product it supports, read the information in “Notices” on page 5.

This edition applies to version 1.0 of IBM Deployment Pack for Microsoft Configuration Manager 2007 and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this publication

This book provides instructions for installing IBM Deployment Pack for Microsoft System Center Configuration Manager 2007, v1.0 and using the integrated features to deploy operating systems to IBM® servers in your environment.

Conventions and terminology

Paragraphs that start with a bold **Note**, **Important**, or **Attention** are notices with specific meanings that highlight key information.

Note: These notices provide important tips, guidance, or advice.

Important: These notices provide information or advice that might help you avoid inconvenient or difficult situations.

Attention: These notices indicate possible damage to programs, devices, or data. An attention notice appears before the instruction or situation in which damage can occur.

Information resources

You can find additional information about IBM Deployment Pack for Microsoft System Center Configuration Manager 2007, v1.0 in the product documentation and on the World Wide Web.

PDF files

View or print documentation that is available in Portable Document Format (PDF).

Downloading Adobe® Acrobat Reader

You need Adobe Acrobat Reader to view or print these PDF files. You can download a copy from the Adobe Reader Web site.

Viewing and printing PDF files

You can view or print any of the PDF files in the following list. The most current version of each document is available online in the information center and on the product download page. Go to the Microsoft Systems Management Solutions for IBM Servers to sign in and locate the download links for the publications, or click any title in the following list to open the version of each book that is in the information center for the IBM System x™ and BladeCenter® Tools Center:

Release Notes

- *IBM Deployment Pack for Microsoft System Center Configuration Manager 2007 Release Notes, v1.0*

Installation and User's Guide

- *IBM Deployment Pack for Microsoft System Center Configuration Manager 2007 Installation and User's Guide, v1.0*

World Wide Web resources

The following Web pages provide resources for understanding, using, and troubleshooting IBM System x, BladeCenter blade servers, and systems-management and systems-deployment tools.

IBM Systems Technical support site

Support for IBM Systems and servers

Locate support for IBM hardware and systems-management and systems-deployment software.

IBM Web site for Microsoft® Systems Management Solutions for IBM Servers

Microsoft Systems Management Solutions for IBM Servers

Download IBM systems-management and systems-deployment software.

IBM Systems Management page

IBM Systems Management

Obtain an overview of IBM systems deployment using IBM tools and the IBM Deployment Pack for Microsoft Configuration Manager 2007.

IBM ServerProven® page

IBM ServerProven

Obtain information about hardware compatibility with IBM System x, IBM BladeCenter, and IBM IntelliStation® hardware.

Microsoft System Center Configuration Manager 2007 page

Microsoft TechNet: System Center Configuration Manager

Obtain information about Microsoft System Center Configuration Manager from the home page for the product.

Microsoft TechNet: Configuration Manager Documentation Library

Obtain information about Microsoft System Center Configuration Manager from its library of documentation.

TechNet Blog: Inside ConfigMgr 07 Operating System Deployment

Obtain information about the Operating System Deployment feature of Microsoft System Center Configuration Manager from a Microsoft sponsored blog that provides an inside look at the Operating System Deployment feature.

TechNet Forum: Configuration Manager – Operating System Deployment

Discuss the Operating System Deployment feature for Microsoft System Center Configuration Manager with Microsoft developers and other users.

Known limitations, problems, and workarounds

The following limitations, problems, and workarounds are applicable to the IBM Deployment Pack for Microsoft System Center Configuration Manager 2007, v1.0.

Limitations

The following limitations are applicable to the IBM Deployment Pack.

Version 1.0

Limitations in viewing the double byte character set (DBCS) versions of the License Agreement

To see the Japanese, Korean, Chinese Simplified, or Chinese Traditional language versions of the License Agreement correctly, you must have one of these East Asian languages installed.

Symptom: If you do not have one of the East Asian languages installed, you cannot see normal DBCS characters. Instead you see boxes that are similar to “□□” for certain characters when looking at the following language versions of the License Agreement:

- Japanese
- Korean
- Chinese Simplified
- Chinese Traditional

Description: The License Agreement document is available in both DBCS languages and non-DBCS languages. Versions of the License Agreement in languages other than the DBCS Asian languages display correctly without installing one of the East Asian languages. However, to correctly view an East Asian DBCS version of the License Agreement, you must have an East Asian DBCS language installed.

Action: Install one of these East Asian languages to view the License Agreement in Japanese, Korean, Chinese Simplified, or Chinese Traditional. Or view the License Agreement in a non-DBCS language.

Limitations in the installation program

The following limitation exists in the installation program.

Setup does not check for disk space during installation.

Symptom: The installation fails when not enough free space is available on the installation disk. The following message is displayed:

Installation Failed

The wizard was interrupted before IBM Deployment Pack for Microsoft System Center Configuration Manger 2007 could be completely installed.

Your system has not been modified.

To complete installation at another time, please run setup again.

Click finish to exit the wizard.

Description: The setup program does not check for disk space before beginning the installation. If you have less than the required free space on the disk where you are installing the Deployment Pack, the installation fails.

Action: Verify that you have 1 gigabyte of free space on the installation disk before you begin the installation. See the *User's Guide* for more information about installation requirements.

Limitations in a context menu function for an advertised task sequence

The following symptom has been reported when disabling an advertisement.

Selecting "No" to disable an advertised task sequence might cause the Administrative console to hang.

Symptom: This defect might occur when you perform the following procedure:

1. Select **System Center Configuration Manager** → **Site database** → **Computer Management** → **Software Distribution** → **Advertisement**.
2. Right click a task sequence that is displayed in the list.
3. Select **Disable Task Sequence**.
4. Select **No** on the dialog warning that is displayed.

The console displays an hourglass, but does not return control within a reasonable amount of time.

Description: This problem is under investigation.

Action: If you run into this problem, manually stop the console session and restart the console.

Limitations in the IBM Advanced Settings Utility (ASU)

The following ASU limitations might affect the behavior or result of ASU commands issued during operating system deployment.

The ASU loaddefault cannot load all attributes to the default value on the baseboard management controller (BMC) and on the RSA.

Symptom: The value of some attributes is not reset to the original value, because there is no default value.

Description: This is working as designed. Not all attributes in BMC and RSA have a DEFAULT value in the DEF file for each subsystem.

The ASU tool sets values by issuing IPMI & RSA commands (BMC and RSA respectively) to perform the settings changes. Part of the DEF file for each subsystem contains the DEFAULT value that ASU would use in such a case.

Action: Do not plan to be able to reset default values for attributes that do not have a default value in the DEF file for the subsystem.

On blades, some boot settings were moved from CMOS to BMC.

Symptom: If you change the CMOS_PrimaryBootDevice* value using ASU, ASU reports an error that the target attribute cannot be found.

Description: Some blades no longer use the boot setting CMOS_PrimaryBootDevice*, but use the BMC_PrimaryBootDevice* setting instead.

Action: If you get the error, change the BMC_PrimaryBootDevice* setting instead.

BMC_NetworkIPAddress and other related attributes cannot be modified on blades.

Symptom: You can change the value in ASU, but after rebooting the blade, the management module changes the value back to the original value.

Description: These attributes are controlled by the management module on BladeCenter chassis units.

Action: Use the management module to change the value.

Known problems and workarounds

The following known problems and workarounds are applicable to the IBM Deployment Pack.

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An error message that falsely indicates that packages are not updated should not be displayed at all. The message occurs when drivers are attempted to be removed from driver packages that actually do not include the drivers, when using the “Add or remove drivers to a driver package” function to remove multiple drivers from one or more packages.

You might see the following message after removing drivers with the **Add or remove drivers to a driver package** function:

Some packages cannot be updated.
Please see the log file for more information.

You can ignore this message. The message does not correctly indicate the success of either a driver removal from a package or a driver addition to a package.

During the same operation that removes drivers, if you also add drivers to one or more packages by checking one or more packages, or by leaving grayed-out packages checked, the success of the addition of the drivers to the packages is not indicated by the message. In fact, the message occurs only if you attempt to *remove* a driver from a package that does not contain the driver.

Because this message is caused by the removal of drivers, the message has nothing to do with the addition of drivers. For instance, if you attempt only to add drivers (no driver removal) to a package that already contains one but not all of the drivers (the package is grayed-out and checked), you do not see this message.

You might see the message when you perform the following removal procedure. Whether you are also adding drivers is irrelevant.

1. Click **System Center Configuration Manager** → **Site Database** → **Computer Management** → **Operating System Deployment** → **Drivers packages** → **IBM Server Drivers**.
2. Select multiple drivers; then right-click a selected driver and click **Add or remove driver to packages**.
Driver packages that have one but not all drivers are displayed with grayed out, selected checkboxes.
3. Clear the checkbox for a grayed-out driver package in the **Add or remove drivers to a driver package** page, or click **Clear All** to clear all checkboxes, including grayed-out packages, to remove the selected drivers from the packages.
4. Click **OK**.
If any packages were grayed out, meaning that they included one, but not all selected drivers, the error message is displayed.
5. Click **OK** → **Cancel** to exit the **Add or remove drivers to a driver package** page.
The error message does not affect the removal of the drivers from the driver packages. The message actually indicates that because some packages did not contain a selected driver, the driver was already not included in a package and therefore could not be removed from the package. The message should not be displayed at all because all packages were, in fact, updated correctly.

A task sequence might not be displayed in the list of task sequences after a refresh (F5).

Depending on how you create a task sequence, it is possible that the task sequence might not be displayed in the list of task sequences.

If you create a task sequence while editing another task sequence, the new task sequence might not be listed. For example, if you perform the following procedure, the new task sequence might not be in the list.

1. Create new task sequences.
2. Select a task sequence and edit it.
3. While editing the task sequence, select **Edit** → **Add** → **IBM Deployment** → **IBM Deployment Pack** → **Adding new OEM Deployment action** → **OK** → **Potential WinPE Issue** → **OK**.
4. Configure the information for **Create Server Deployment Task Sequence**.
5. Click **Create**.

The task sequence that you just created does not display in the list of task sequences, even if you press **F5** to refresh the list.

Workaround: Select two task sequences in the list of task sequences and press **F5** to refresh the list and display all task sequences.

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Important notes

View important assumptions about terminology and claims.

Processor speed indicates the internal clock speed of the microprocessor; other factors also affect application performance.

CD or DVD drive speed is the variable read rate. Actual speeds vary and are often less than the possible maximum.

When referring to processor storage, real and virtual storage, or channel volume, KB stands for 1024 bytes, MB stands for 1,048,576 bytes, and GB stands for 1,073,741,824 bytes.

When referring to hard disk drive capacity or communications volume, MB stands for 1,000,000 bytes, and GB stands for 1,000,000,000 bytes. Total user-accessible capacity can vary depending on operating environments.

Maximum internal hard disk drive capacities assume the replacement of any standard hard disk drives and population of all hard disk drive bays with the largest currently supported drives that are available from IBM.

Maximum memory might require replacement of the standard memory with an optional memory module.

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