



IBM System x

IBM BladeCenter Chassis Management Pack for
Microsoft System Center Operations Manager 2007
Release Notes

Version 1.0.3





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Note

Before using this information and the product it supports, read the information in “Notices” on page 7.

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About this release

Version 1.0.3 of IBM® BladeCenter® Chassis Management Pack for Microsoft® System Center Operations Manager 2007 is the current level of the management pack and includes the latest fixes and support. Version 1.0.3 includes the ability to accumulate discovery results, but also lets you remove a discovered BladeCenter chassis from a Microsoft System Center Operations Manager management group.

Older releases

IBM BladeCenter Chassis Management Pack for Microsoft System Center Operations Manager 2007, Version 1.0.3 is a replacement for Version 1.0.2, Version 1.0.1, Version 1.0.0, or for any version that was shipped as part of IBM Systems Director.

For more information, see the Upgrading section of the *IBM BladeCenter Chassis Management Pack for Microsoft System Center Operations Manager 2007, Version 1.0.3 Installation and User's Guide*. Go to "PDF files" on page vii to view or download the *Installation and User's Guide*.

Information resources

You can find additional information about IBM BladeCenter Chassis Management Pack for Microsoft System Center Operations Manager 2007, Version 1.0.3 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 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 IBM Web site for 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 IBM System x® and BladeCenter Tools information center:

IBM BladeCenter Chassis Management Pack PDFs

- *IBM BladeCenter Chassis Management Pack for Microsoft System Center Operations Manager 2007 Release Notes, Version 1.0.3*
- *IBM BladeCenter Chassis Management Pack for Microsoft System Center Operations Manager 2007 Installation and User's Guide, Version 1.0.3*

IBM Hardware Management Pack PDFs

- *IBM Hardware Management Pack for Microsoft System Center Operations Manager 2007, Version 2.0 Release Notes*
- *IBM Hardware Management Pack for Microsoft System Center Operations Manager 2007, Version 2.0 Installation and User's Guide*

World Wide Web resources

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

IBM Systems: Technical support site

IBM Systems: Technical support site

Locate support for IBM hardware and systems-management software.

IBM Systems Management Software: Download/Registration page

IBM Systems Management Software: Download/Registration page

Download IBM systems-management software.

IBM System x Systems Management page

IBM System x Systems Management page

Obtain an overview of IBM systems management using IBM Director Agent or IBM Director Core Services.

IBM ServerProven[®] page

IBM ServerProven page

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

Microsoft System Center Operations Manager 2007 page

Microsoft System Center Operations Manager 2007 page

Obtain information about System Center Operations Manager that describes how to monitor your IBM systems across large organizations, using IBM and Microsoft applications and operating system knowledge to resolve operational problems.

Chapter 1. Installing the BladeCenter Chassis Management Pack

Installation packages are provided for this management pack for 32-bit and 64-bit systems. Complete installation instructions, including system requirements, are provided in the IBM BladeCenter Chassis Management Pack for Microsoft System Center Operations Manager 2007, Version 1.0.3 *Installation and User's Guide*.

Installing Microsoft Systems Center Operations Manager 2007

Go to the *Operations Manager 2007 Quick Start Guide* Web site to install Microsoft System Center Operations Manager 2007.

Locating and launching the correct installation package

This release contains two installation packages (MSI files) that enable Microsoft Operations Manager 2007 to manage IBM BladeCenter chassis units. One package is for 32-bit servers and the other is for 64-bit servers.

Go to the IBM Web site for Microsoft Systems Management Solutions for IBM Servers to sign in and download one or both of the following installation packages:

- **Version 1.0.3 (32-bit):** IBM_BCC_MP_v1.0.3_x86.msi
- **Version 1.0.3 (64-bit):** IBM_BCC_MP_v1.0.3_x64.msi

Launch the installer by double clicking a package after you download it.

After the installation, the management pack might take up to two minutes to appear in the Operations Manager console.

For more information, go to "PDF files" on page vii to download the *Installation and User's Guide* (IBM BCC MP v1.0.3 Users Guide.pdf).

Chapter 2. Known limitations, problems, and workarounds

The following limitations, problems, and workarounds are applicable to IBM BladeCenter Chassis Management Pack for Microsoft System Center Operations Manager 2007.

Limitations

The following limitations are applicable to IBM BladeCenter Chassis Management Pack for Microsoft System Center Operations Manager 2007.

All versions

The "Discover component" task does not discover any BladeCenter chassis modules even though the chassis has one or more modules.

A command mode connection to the BladeCenter chassis management module or advanced management module is not available for the Operations Manager to use. Use the Web console of an advanced management module to navigate to **MM Control** → **Network Protocols** → **TCP Command Mode Protocol** and increase the value of the "Command mode connections" field.

If you are using a management module, you can upgrade to an advanced management module to allow multiple management applications to access the BladeCenter at the same time. If you cannot upgrade, you must stop any other management application, such as IBM Director, from connecting to the BladeCenter chassis when you want to use the Operations Manager to manage the chassis.

The overall BladeCenter chassis state does not reflect the state of each of its components.

The overall state of a BladeCenter chassis in the Microsoft System Center Operations Manager does not reflect the state of each of its components. You must go to the detail state view to view the state of each component in a chassis.

Changing the name of a BladeCenter chassis does not automatically change the name in the IBM BladeCenter Chassis view.

After changing the name of a BladeCenter chassis from the management module, the name of the chassis is not automatically reflected in the IBM BladeCenter Chassis view in the Microsoft System Center Operations Manager. The monitors also do not indicate the change. Remove and discover the chassis again to see the name change in the monitors and in the BladeCenter Chassis view.

Upgrading to the current management pack removes the discovered BladeCenter chassis and components.

Upgrading to the current management pack removes all previously discovered BladeCenter chassis and components from the IBM BladeCenter Chassis view in the Microsoft System Center Operations Manager. Run the discovery tasks to add the BladeCenter chassis units and their components to the view.

The success state of a task run is not an indication of whether a particular chassis is successfully discovered.

The task status in the Microsoft System Center Operations Manager reflects

whether the task completed running successfully. A discovery task that runs to completion but that does not discover any chassis units is still a successful task run. Look into the task output log to find the precise results of discovery.

Limited support exists for BladeCenter S chassis units.

Some components and some events that normally are displayed in the Microsoft System Center Operations Manager for a chassis unit are not supported in a BladeCenter S chassis. In particular, storage components are not discovered. Some general events, such as "Blower Removed," are also not reported for the BladeCenter S chassis.

After removing a BladeCenter chassis unit, the operations console does not immediately display the result.

This is normal behavior for Microsoft System Center Operations Manager. You can perform a manual refresh to update the displayed information.

The secondary management module in a IBM BladeCenter chassis is not discovered.

The secondary Management Module can be reached through a web browser if its IP address is known, even if it is not physically connected to the network. However, in this release, it will not be discovered automatically.

After uninstalling a management pack, Microsoft System Center Operations Manager displays a warning message.

After uninstalling a management pack, Microsoft System Center Operations Manager displays the following warning:

The SDK was unable to synchronize of monitoring object instance with its cached monitoring class information

This warning does not indicate a problem, but indicates only that a management pack was uninstalled when Microsoft System Center Operations Manager was not online.

To avoid this warning, start the Microsoft System Center Operations Manager Operations Console with the /ClearCache command line option after uninstalling the management pack.

After discovering components, the Microsoft System Center Operations Manager Operations Console does not immediately display the discovered components.

This is normal behavior for Microsoft System Center Operations Manager. You can perform a manual refresh to see the discovered components more quickly.

The Microsoft System Center Operations Manager Operations Console does not reflect the latest information.

This is normal behavior for Microsoft System Center Operations Manager. You can perform a manual refresh to update the displayed information.

Deleting a management pack in Microsoft System Center Operations Manager does not uninstall the management pack.

When you delete a management pack in Administration mode in Microsoft System Center Operations Manager, the management pack is not removed from the system; it is only detached from Microsoft System Center Operations Manager. This is normal behavior for Microsoft System Center Operations Manager.

To uninstall the management pack from the system, see the instructions in *IBM BladeCenter Chassis Management Pack for Microsoft System Center Operations Manager 2007 Installation and User's Guide, Version 1.0.3*.

Version 1.0.0

Windows® x64 Editions are not supported as an Operations Manager server for the IBM BladeCenter Chassis Management Pack

Monitoring of x64 Windows clients is not supported in version 1.0.0.

Known problems and workarounds

The following known problems and workarounds are applicable to IBM BladeCenter Chassis Management Pack for Microsoft System Center Operations Manager 2007.

IBM BladeCenter Chassis events can be delayed before appearing in the monitoring view.

A delay of several minutes can occur when the IBM Advanced Management Module attempts to send alerts to offline IBM Director or SMTP recipients.

- Workaround: Reduce retry times in `remotealerts.ssi` through the Management Module web interface: **MM Control -> Alerts -> Global Remote Alert Setting -> Remote alert retry limit**.
- Workaround: Avoid configuring the Advanced Management Module to use offline IBM Director servers and SMTP servers.

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