IBM Systems

IBM Director Hardware Management Console extension Release Notes

Version 5.10 Update 1

January 2006

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Chapter 1. About this release

This document contains the release notes for the IBM® Director Hardware Management Console extension, Version 5.10 Update 1.

You can find updates to these release notes and copies of the documents at: www.ibm.com/servers/eserver/xseries/systems_management/ibm_director/.

New in this release

The IBM Director Hardware Management Console extension (HMC extension), Version 5.10 Update 1 allows you to view the servers and hardware resources that are managed by the Hardware Management Console for IBM eServer™ i5 and eServer p5 models, perform power control, and launch management tools. With the HMC extension, you can perform Hardware Management Console management tasks such as accessing the Information Center and Setup Wizard, diagnosing problems with Service Focal Point, configuring the Hardware Management Console, managing servers and frames, updating code for your Hardware Management Console or operating system, and managing users.

The HMC extension Version 5.10 Update 1 requires Hardware Management Console Version 5 Release 2.0 in order to use all the HMC extension tasks in IBM Director.

Product fix history

The HMC extension Version 5.10 Update 1 resolves the following limitations and problems in the HMC extension Version 5.10:

- An error message is displayed when working with Hardware Management Console tools.
- If connection to a Hardware Management Console is lost and the server is restarted before connection is restored, the Hardware Management Console and Hardware Management Console Members group is missing some group members.

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Chapter 2. Installation and upgrade information

The IBM Director Hardware Management Console extension Version 5.10 Update 1 must be used with Hardware Management Console Version 5 Release 2.0 in order to use all the Hardware Management Console extension functions available in IBM Director.

The Hardware Management Console extension is automatically installed with IBM Director Server and IBM Director Console on the following management servers and management consoles:

- AIX®
- Linux™ on System p5 and pSeries®
- Linux on POWER™

On these systems, there is no need to install or upgrade the Hardware Management Console extension separately. When IBM Director Server and IBM Director Console are upgraded to Version 5.10 Update 1, the Hardware Management Console extension is upgraded to this version as well.

The Hardware Management Console extension can also be installed on management servers and management consoles running Linux on xSeries® or Windows®. Complete the following steps to install the Hardware Management Console extension on either of these systems.

1. Download the Hardware Management Console extension.

   Note: All installation and upgrade packages for the Hardware Management Console extensionVersion 5.10 Update 1 for Linux on xSeries or Windows must be downloaded. This version of the extension is not available on CD-ROM or other physical media.

   a. Navigate to the IBM Director Downloads Web Site at www.ibm.com/servers/eserver/xseries/systems_management/xseries_sm/dwnl.html.
   b. Select **IBM Director 5.10 for xSeries and BladeCenter** from the dropdown list, complete the requested information, and click **Submit**.
   c. Under the Current version heading, click the **IBM Director 5.10 Update 1** link.
   d. Click the link for the package you want to download.

Component	Package file name
IBM Director Hardware Management Console Server Extension for Windows, Version 5.10 Update 1	dir5.10.1_hmcserver_windows.exe
IBM Director Hardware Management Console Console Extension for Windows, Version 5.10 Update 1	dir5.10.1_hmcconsole_windows.exe
IBM Director Hardware Management Console Server Extension for Linux, Version 5.10 Update 1	dir5.10.1_hmcserver_linux.tar
IBM Director Hardware Management Console Console Extension for Linux, Version 5.10 Update 1	dir5.10.1_hmcconsole_linux.tar

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2. Install the Hardware Management Console extension on the management server.

Option	Description
Linux server	"Installing the Hardware Management Console extension on a Linux server"
Windows server	"Installing the Hardware Management Console extension extension on a Windows server" on page 5

3. **Optional:** Install the Hardware Management Console extension on remote management consoles.

Option	Description
Linux console	"Installing the Hardware Management Console extension on a Linux console" on page 6
Windows console	"Installing the Hardware Management Console extension on a Windows console" on page 7

Note: The user-interface components for the Hardware Management Console extension for IBM Director Console are automatically installed on the management server when the server components for the Hardware Management Console extension are installed. It is not necessary or possible to separately install the user-interface components for the Hardware Management Console extension on a management server.

Installing the Hardware Management Console extension on a Linux server

The Hardware Management Console extension can be installed only on management servers running Linux for xSeries with IBM Director Server Version 5.10 or higher installed.

Complete the following steps to install the Hardware Management Console extensionon a Linux

management server:

1. Copy the downloaded installation files to a temporary directory on the machine on which you will be performing the installation. The downloaded installation files are contained in a tar file. Use the tar -x command to extract the contents to a temporary directory.
2. Stop IBM Director Server. From a command prompt, type the following command and press **Enter**:

   ```
   /opt/ibm/director/bin/twgstop
   ```
3. Change to the directory in which the installation package is located. Type the following command and press **Enter**:

   ```
   cd /download/
   ```

   download represents the location in which the download package was saved.

4. Type one of the following commands and press **Enter**:

Installation scenario	Command
Performing a new installation	`rpm -ivh dir5.10.1_hmcserver_linux.rpm`
Upgrading from a previous version	`rpm -Uvh dir5.10.1_hmcserver_linux.rpm`

   The installation progress is displayed.
5. Restart IBM Director Server. From a command prompt, type the following command and press **Enter**:

   `/opt/ibm/director/bin/twgstart`

The IBM Director Hardware Management Console extension installation on the management server installs both the server and console components of the Hardware Management Console extension on the management server.

Installing the Hardware Management Console extension extension on a Windows server

The Hardware Management Console extension can only be installed on management servers with IBM Director Server Version 5.10 or higher installed.

Complete the following steps to install Hardware Management Console extension on a Windows

management server:

1. Copy the downloaded installation files to a temporary directory on the machine on which you will be performing the installation.
2. Close all applications, including any command-prompt windows.
3. Click **Start** → **Run**.
4. In the Run window, type the following command in the **Open** field and press **Enter**:

   download`\dir5.10_hmcserver_windows.exe`

   download represents the location in which the Hardware Management Console extension download package was saved.
5. On the first page of the HMC extension for IBM Director Server InstallShield Wizard, click **Next**.
6. Select **I accept the terms in the license agreement**, and then click **Next**.
7. Click **Next**.
8. Click **Install**. A new page displays the installation progress.
9. When installation has completed, click **Finish**.

After installing the server components of the Hardware Management Console extension, install the console components on any remote management consoles.

Installing the Hardware Management Console extension on a Linux console

Installation of the IBM Director Hardware Management Console extension on the management server installs both the server and console components of the Hardware Management Console extension on the management server. As a result, it is only necessary to install the console components for the Hardware Management Console extension on remote management consoles on which IBM Director Server is not installed.

Note: The version of the Hardware Management Console extension that is installed on IBM Director Console must always be the same version as the version of the extension that is installed on IBM Director Server. When upgrading one, you must upgrade the other.

The Hardware Management Console extension must be installed on the management server before installing the console components of the Hardware Management Console extension.

Complete the following steps to install the Hardware Management Console extensionon a Linux

management console:

1. Copy the downloaded installation files to a temporary directory on the machine on which you will be performing the installation. The downloaded installation files are contained in a tar file. Use the tar -x command to extract the contents to a temporary directory.
2. Close IBM Director Console.
3. Change to the directory in which the installation package is located. Type the following command and press **Enter**:

   ```
   cd /download/
   ```

   download represents the location in which the download package was saved.
4. Type one of the following commands and press **Enter**:

Installation scenario	Command
Performing a new installation	`rpm -ivh dir5.10.1_hmcconsole_linux.rpm`
Upgrading from a previous version	`rpm -Uvh dir5.10.1_hmcconsole_linux.rpm`

   The installation progress is displayed.
5. Restart IBM Director Console.

Installing the Hardware Management Console extension on a Windows console

Installation of the IBM Director Hardware Management Console extension on the management server installs both the server and console components of the Hardware Management Console extension on the management server. As a result, it is only necessary to install the console components for the Hardware Management Console extension on remote management consoles on which IBM Director Server is not installed.

Note: The version of the Hardware Management Console extension that is installed on IBM Director Console must always be the same version as the version of the extension that is installed on IBM Director Server. When upgrading one, you must upgrade the other.

The Hardware Management Console extension must be installed on the management server before installing the console components of the Hardware Management Console extension.

Complete the following steps to install Hardware Management Console extension on a Windows

management console:

1. Copy the downloaded installation files to a temporary directory on the machine on which you will be performing the installation.
2. Close all applications, including any command-prompt windows.
3. Click **Start** → **Run**.
4. In the Run window, type the following command in the **Open** field and press **Enter**:

   download\dir5.10_hmcconsole_windows.exe

   download represents the location to which the Hardware Management Console extension download package was saved.
5. On the first page of the HMC extension for IBM Director Console InstallShield Wizard, click **Next**.
6. Select **I accept the terms in the license agreement**, and then click **Next**.
7. Click **Next**.
8. Click **Install**. A new page displays the installation progress.
9. When installation has completed, click **Finish**.

Chapter 3. Known limitations, problems, and workarounds

This section provides information about known limitations, problems, and workarounds when using IBM Director Hardware Management Console extension, Version 5.10 Update 1.

The Hardware Management Console console might not be started when opened from a Central Electronics Complex (CEC) managed object that is associated with multiple Hardware Management Consoles and one of the Hardware Management Consoles is unavailable.

When you attempt to start the Hardware Management Console console from the CEC managed object, an error message is displayed indicating a problem with the Hardware Management Console.

Start the Hardware Management Console console from the online Hardware Management Console managed object, not from the CEC or the offline Hardware Management Console.

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Appendix A. Contacting customer support

If you need help, service, technical assistance, or just want more information about IBM products, you can find a wide variety of sources available from IBM to assist you. This section contains information about sources for additional information about IBM and IBM products, what to do if you experience a problem with your system, and whom to call for service, if it is necessary.

Services available and telephone numbers listed are subject to change without notice.

Before you call for assistance

Some problems can be solved without outside assistance. Look in the online or printed documentation that is included with the IBM Director Hardware Management Console extension, or consult the IBM Support home Web site. Also, be sure to read the information in any release notes and README files that accompany the IBM Director Hardware Management Console extension.

You can solve many problems by following the troubleshooting procedures that IBM provides in the online help or in the publications that are provided with your system and software.

The information that comes with your system also describes the diagnostic tests that you can perform. Most hardware systems, operating systems, and programs come with information that contains troubleshooting procedures and explanations of error messages and error codes. If you suspect a software problem, refer to the information for the operating system or program.

Getting help online

IBM maintains pages on the World Wide Web containing information about IBM products and services. These pages also provide the most recent technical information. Table 1 lists some of these pages.

Table 1. Support Web sites

www.ibm.com/	Main IBM home page
www.ibm.com/servers/	IBM eServer home page
www.ibm.com/pc/support/	IBM Support page
www.ibm.com/servers/eserver/xseries/systems_management/ibm_director/	IBM Director home page with links to user support and the technical forum
publib.boulder.ibm.com/infocenter/eserver/v1r2/topic/diricinfo/fqm0_main.html	IBM Director information center

Getting help by telephone

Through IBMSupport Line, you can obtain telephone assistance, for a fee, with usage, configuration, and software problems with xSeries servers, IntelliStation® workstations, and appliances. For information about the products supported by Support Line in your country or region, go to www.ibm.com/services/sl/products/.

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For more information about Support Line and other IBM services, go to www.ibm.com/services/, or to www.ibm.com/planetwide/ for support telephone numbers. In the U.S. and Canada, call 1-800-IBM-SERV (1-800-426-7378).

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This section provides legal notices and trademark information.

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	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
Overall satisfaction	☐	☐	☐	☐	☐

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Easy to understand	☐	☐	☐	☐	☐
Well organized	☐	☐	☐	☐	☐
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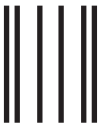

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