

IBM Systems

# IBM Director Hardware Management Console extension Release Notes

*Version 5.10 Update 3*

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 3.

You can find updates to these release notes and copies of the documents at:  
[www.ibm.com/servers/eserver/xseries/systems\\_management/ibm\\_director/](http://www.ibm.com/servers/eserver/xseries/systems_management/ibm_director/).

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### New in this release

The IBM Director Hardware Management Console extension (HMC extension), Version 5.10 Update 3 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 3 requires Hardware Management Console Version 5 Release 2.0 in order to use all the HMC extension tasks in IBM Director.



## 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®
- i5/OS®
- Linux® on System p™
- 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 System x™ 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 extension Version 5.10 Update 1 for Linux on System x 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](http://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

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 6

**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.

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## 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 System x with IBM Director Server Version 5.10 or higher installed.

Complete the following steps to install the Hardware Management Console extension on 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	<code>rpm -ivh dir5.10.1_hmcserver_linux.rpm</code>
Upgrading from a previous version	<code>rpm -Uvh dir5.10.1_hmcserver_linux.rpm</code>

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.

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## 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 extension on 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	<code>rpm -ivh dir5.10.1_hmconsole_linux.rpm</code>
Upgrading from a previous version	<code>rpm -Uvh dir5.10.1_hmconsole_linux.rpm</code>

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 3.

**In the IBM Director Product Information window, the Hardware Management Console version is incorrectly displayed as 5.10.**

The version number that should be displayed is 5.10.3.

**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.



## Appendix A. Contacting customer support

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

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### Before you call

Before you call, make sure that you have taken these steps to try to solve the problem yourself.

- Check all cables to make sure that they are connected.
- Check the power switches to make sure that the system is turned on.
- Use the troubleshooting information in your system documentation, and use the diagnostic tools that are included with your system. You can find information about diagnostic tools for BladeCenter® and System x systems in the *Problem Determination Service Guide* on the IBM System x Documentation CD. You can find information about diagnostic tools for IntelliStation in the *IntelliStation Hardware Maintenance Manual* at the IBM Support Web site.
- Go to the IBM Support Web site at [www.ibm.com/support/us](http://www.ibm.com/support/us) to check for technical information, hints, tips, and new device drivers or to submit a request for information.

You can solve many problems without outside assistance 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 BladeCenter, System x, and IntelliStation 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, see the information for the operating system or program.

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### Using the documentation

Information about your IBM BladeCenter, System x, or IntelliStation system and preinstalled software, if any, is available in the documentation that is included with your system. That documentation includes printed books, online books, readme files, and help files.

See the troubleshooting information in your system documentation for instructions for using the diagnostic programs. The troubleshooting information or the diagnostic programs might tell you that you need additional or updated device drivers or other software. IBM maintains pages on the World Wide Web where you can get the latest technical information and download device drivers and updates. To access these pages, go to [www.ibm.com/support/us](http://www.ibm.com/support/us) and follow the instructions. Also, you can order publications through the IBM Publications Ordering System at [www.elink.ibm.com/public/applications/publications/cgibin/pbi.cgi](http://www.elink.ibm.com/public/applications/publications/cgibin/pbi.cgi).

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## Getting help and information from the World Wide Web

On the World Wide Web, the IBM Web site has up-to-date information about IBM BladeCenter, System x, and IntelliStation products, services, and support.

Use the following Web addresses for the applicable product information:

IBM product	Web address
BladeCenter products	<a href="http://www.ibm.com/servers/eserver/support/bladecenter/">www.ibm.com/servers/eserver/support/bladecenter/</a>
IntelliStation workstations	<a href="http://www.ibm.com/servers/intellistation/pro/already.html">www.ibm.com/servers/intellistation/pro/already.html</a>
System x servers	<a href="http://www.ibm.com/servers/eserver/support/xseries/index.html">www.ibm.com/servers/eserver/support/xseries/index.html</a>

You can find service information for your IBM products, including supported options, at [www.ibm.com/support/us](http://www.ibm.com/support/us) .

Also, you can find information about IBM Director in the IBM Systems forum at [www.ibm.com/developerworks/forums/dw\\_forum.jsp?forum=759&cat=53](http://www.ibm.com/developerworks/forums/dw_forum.jsp?forum=759&cat=53) .

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## Software service and support

Through IBM Support Line, you can get telephone assistance, for a fee, with usage, configuration, and software problems with IBM System x servers, IntelliStation workstations, and other products.

Through IBM Software Maintenance (SWMA), you can get telephone or electronic assistance, for a fee, with usage, configuration, and software problems with IBM System i™ technology, System p servers, and System x. Fixes and updates are part of the Warranty of the product and are included in your license for that product.

Through IBM Service and Subscription (S&S), you can get telephone or electronic assistance, for a fee, for defect software problems with System z™ mainframes. Fixes and updates are part of the Warranty of the product and are included in your license for that product.

### Notes:

1. If you install and use IBM Director Server on IBM hardware, you can purchase the Implementation Services ServicePac® for BladeCenter and xSeries® for service and support of IBM Director Server.
2. If you want to install and run IBM Director Server on non-IBM hardware, you must purchase a license for IBM Director Server. However, this license does not entitle you to service and support of IBM Director Server. You can purchase service and support separately from Support Line. You also can purchase Enhanced Technical Support (ETS), which is a proactive support option to Support Line for System x and non-IBM x86 systems.

For information about which products are supported by Support Line in your country or region, go to [www.ibm.com/services/us/its/pdf/remotesupportxseries.pdf](http://www.ibm.com/services/us/its/pdf/remotesupportxseries.pdf).

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



## Appendix B. Notices and Trademarks

This section provides legal notices and trademark information.

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Version 5.10 Update 3

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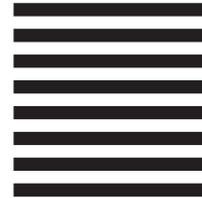
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