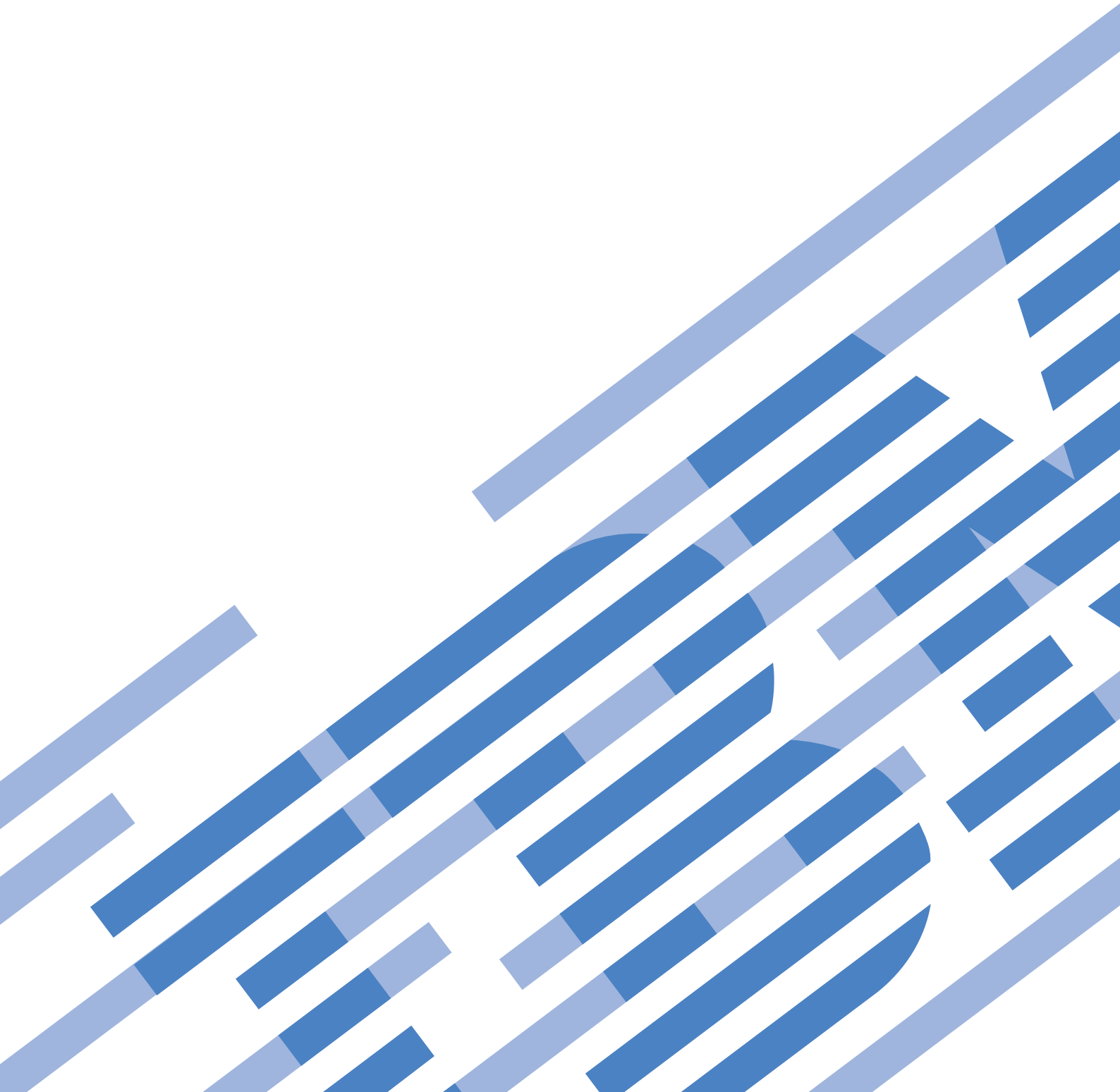




System x

# IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2 Release Notes

*Version 1.2*





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Version 1.2



## System x

# IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2 Release Notes

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

## First Edition April 2010

This edition applies to version 1.2 of the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit and to all subsequent releases and modifications until otherwise indicated in new editions.

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## **About this publication**

This book provides information about the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2.

## **Conventions and terminology**

Paragraphs that start with a bold Note, Important, 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.

## **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 [Adobe Reader Web Site](#).

### **Viewing and printing PDF files**

The most current version of this document is available online on the product download page. Go to the [Microsoft Systems Management Solutions for IBM Servers](#) website to locate the download link for this publication.

## **World Wide Web Resources**

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

### **IBM Systems Technical support site**

[Support for IBM Systems and servers](#)

Locate support for IBM hardware servers.

### **IBM Web site for Microsoft® Systems Management Solutions for IBM**

## **Servers**

### **[Microsoft System Management Solutions for IBM Servers](#)**

Download the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2 and its respective documentation. The install package requires that the Microsoft® Assessment and Planning Toolkit v4.0 is pre-installed.

### **IBM Systems Management page**

#### **[IBM Systems Management](#)**

Obtain an overview of IBM systems management using IBM tools in order to effectively manage your IT infrastructure.

### **IBM ServerProven® page**

#### **[IBM ServerProven](#)**

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

### **Microsoft Assessment and Planning Toolkit (MAP), Version 4.0 page**

#### **[Microsoft TechNet: Microsoft Assessment and Planning Toolkit \(MAP\)](#)**

Obtain more information about the Microsoft Assessment and Planning Toolkit directly from the Microsoft MAP home page.

## **What's new in this release**

In this release, the following systems are supported:

IBM System x Enterprise server:

- x3850 X5
- Blade HX5
- x3850 M2
- x3950 M2

IBM System x Rack-mount server:

- x3250 M3
- x3550 M3
- x3650 M3

IBM System x Blade server:

- Blade HX5
- Blade HS22V
- Blade HS22
- Blade LS42

IBM System x Tower server:

- X3200 M3
- X3400 M3
- X3500 M3



## **IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2**

The Microsoft Assessment and Planning Toolkit, Version 4.0 together with the IBM Hardware Pack version 1.2 can be used to assess your current IT infrastructure and determine the right resources for your IT needs using the IBM System x® and BladeCenter® hardware reference materials provided. IBM System x® and BladeCenter® servers represent the best of IBM X-Architecture technology. Consolidating workloads with Microsoft virtualization technologies on IBM System x and BladeCenter servers can help you increase the utilization of your hardware, thereby decreasing the number of servers required and helping you save money.

The IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2 setup requires that the Microsoft Assessment and Planning Toolkit, Version 4.0 is pre-installed on your system.

The IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2 provides an overview about IBM System x® and BladeCenter® server information. Through the use of the MAP server consolidation function, the proposal document generated will contain an IBM hardware introduction and best practices.

## **Install the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2**

### **Installation Prerequisites:**

1. Microsoft Assessment and Planning Toolkit v4.0 is installed.
2. The user installing this software has administrator privileges.
3. The Microsoft Assessment and Planning Toolkit application is not running.

To install the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2, please complete the following steps:

1. Make sure that MAP, v4.0 is installed successfully.
2. Double-click the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit installation package.
3. If it is detected that MAP is currently running, please close the Microsoft.AssessmentPlatform.UI.Console.exe and click the “Retry” button on the message box to continue the process.
4. Read and accept the License Agreement provided in the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2.
5. Follow the step by step instructions to install the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2.

6. After you have finished the installation, you may then choose to open the Microsoft Assessment and Planning Toolkit to reflect the IBM Hardware Information immediately and automatically.

## **Upgrade the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2 from the previous version**

### **Upgrade Prerequisites:**

1. Microsoft Assessment and Planning Toolkit v4.0 is installed.
2. The user upgrading this software has administrator privileges.
3. Other branding info is found in MAP v4.0, which may refer to the previous IBM Hardware Pack or other vendor's branding info.

To upgrade to the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2, please complete the following steps:

1. Double-click the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit installation package.
2. If it is detected that MAP is currently running, please close the Microsoft.AssessmentPlatform.UI.Console.exe and click the "Retry" button on the message box to continue the process.
3. Click the "update" button on the dialog which indicates that other "Brands" have been detected and will be overwritten by IBM Hardware Pack version 1.2.
4. Read and accept the License Agreement provided in the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2.
5. Follow the step by step instructions to install the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2.
6. After you have finished the installation, you may then choose to open the Microsoft Assessment and Planning Toolkit to reflect the IBM Hardware Information immediately and automatically.

## **Repair the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2**

### **Repair Prerequisites:**

1. The user repairing this software has administrator privileges.
2. The Microsoft Assessment and Planning Toolkit application is not running.

To repair the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2, please complete the following steps:

1. Double-click the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit installation package
2. Choose the "Repair" option in the Setup wizard.

3. Follow the step by step instructions to repair the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit.
4. After you have finished the installation, you may choose to open the Microsoft Assessment and Planning Toolkit to trace the IBM Hardware Information immediately and automatically.

## [Uninstall the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2](#)

### **Uninstall Prerequisites:**

1. The user uninstalling this software has administrator privileges
2. The Microsoft Assessment and Planning Toolkit application is not running.

In order to uninstall completely, follow the steps outlined below:

1. Double-click the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit installation package
2. Choose the “Uninstall” option in the setup wizard
3. Follow the step by step instructions on how to uninstall the IBM Hardware Pack.
4. Click “Finish” to finish the uninstall process.

## [Work with the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2](#)

After installing the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2, you can use MAP to assess your IT environment for various platform migrations and virtualization by analyzing IBM System x and BladeCenter servers without using any software agents.

Perform the following procedures to become familiar with the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2.

### **[IBM Hardware Material in the MAP Console]**

1. Click the “Reference Material” Tab in the left pane of the Microsoft Assessment and Planning Toolkit console.
2. Click the sub-tab for “IBM System x® and BladeCenter®” to get an overview of the IBM System x and BladeCenter blade servers provided.

### **[IBM Hardware Material in the MAP Proposal Document]**

1. Click the “Inventory and Assessment” Tab in the left pane of the Microsoft Assessment and Planning Toolkit console.
2. Click the “Server Consolidation” sub-tab to prepare server consolidation efforts by providing a detailed inventory of physical servers, gathering performance metrics, configuring host machine equivalents and making guest placement recommendations.

3. Open the reports and proposal document in order to review your consolidation recommendations and reference materials provided for IBM System x and BladeCenter servers.

## Known limitations, problems and workarounds

The following are known issues and limitations in the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2.

### Known issues and limitations of IBM Hardware Pack for Microsoft

#### Assessment and Planning Toolkit, Version 1.2

1. Using Windows “Add/Remove Programs” while MAP v4.0 is running will not abort the uninstallation even if the “Cancel” button is clicked. Doing so will result in the following error “Page can not be displayed” if you navigate to “IBM System x® and BladeCenter®” in the “Reference Material” console without restarting the MAP tool. Please use the uninstall instructions provided in the [“Uninstall”](#) section of this document in order to accomplish this task.
2. When downgrading to IBM MAP 1.0, the installer may not prompt any warning of downgrading.
3. For Windows Vista and Windows 7 users, when the User Account Control (UAC) is turned on, the accounts without elevated privileges will be unable to install the IBM Hardware Pack for Microsoft Assessment and Planning Toolkit, Version 1.2 successfully. To install the IBM Hardware Pack, please right-click the exe file and choose the “Run as Administrator” option.
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  - Korean
  - Chinese Simplified
  - Chinese Traditional

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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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Some software might differ from its retail version (if available) and might not include user manuals or all program functionality.