



# IBM WebSphere MQ Hypervisor Edition accelerates deployment of private cloud messaging

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## At a glance

WebSphere® MQ Hypervisor™ Edition:

- Provides support for Red Hat Enterprise Linux® in x86 64-bit environments
- Optimizes WebSphere MQ for virtualized environments, enabling higher hardware utilization, while allowing you to spend less time on installation and configuration, and more time on strategic initiatives
- Manages installation and deployment of WebSphere MQ and the underlying operating system
- Includes WebSphere MQ V7.0.1.4

For ordering, contact your IBM® representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: YE001).

## Overview

WebSphere MQ Hypervisor Edition for Red Hat Enterprise Linux for x86:

- Supports deployment of WebSphere MQ virtual images into VMware ESX environments
- Includes WebSphere MQ V7.0.1.4 and operating system for use in Red Hat Enterprise Linux x86 64-bit environments
- Can be dispensed to easily deploy and manage messaging solutions in a private cloud
- Can help reduce installation and configuration time to enable rapid deployment MQ messaging solutions

IBM WebSphere MQ is the market-leading messaging-oriented middleware product that delivers a reliable, proven messaging backbone for 10,000 organizations of various sizes, across industries throughout the world.

WebSphere MQ is already available in a number of configurations, and the WebSphere MQ Hypervisor Edition V7.0.1.4 for Red Hat Enterprise Linux now supports deployment of WebSphere MQ virtual images into VMware ESX environments.

Using WebSphere MQ Hypervisor Edition enables better utilization of hardware and faster response to demands for newly deployed systems. This can help to reduce the costs of both hardware and software operation and maintenance costs. By deploying virtual images, businesses can also ensure that systems are built with a known,

stable, and tested configuration, reducing the potential for errors and ensuring rapid deployment of a working system, whether for development, test, or production.

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## Key prerequisites

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Supported environments

- x86 64-bit processor
- VMware ESX

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## Planned availability date

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June 17, 2011

This product is available for electronic download only.

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## Accessibility by people with disabilities

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A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

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### Section 508 of the US Rehabilitation Act

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WebSphere MQ Hypervisor Edition is capable, as of June 17, 2011, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A US Section 508 Voluntary Product Accessibility Template (VPAT), containing details on the products accessibility compliance, can be requested at

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

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## Reference information

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For requirements for WebSphere MQ V7.0.1, refer to Software Announcement [209-245](#), dated August 25, 2009.

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## Program number

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Program name	Program number
IBM WebSphere MQ Hypervisor Edition for Red Hat Enterprise Linux x86	5725-C79

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## Offering Information

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Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® website

<http://www.ibm.com/software/passportadvantage>

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## Publications

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WebSphere MQ Hypervisor Edition:

Online product documentation is integrated within the product.

The following softcopy publication is available in PDF format to download from the Publications Center.

Title	Order number
WebSphere MQ Hypervisor Edition v7.0.1 for Red Hat Enterprise Linux for x86	SC34-7245

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the US) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries, free of charge.

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## Technical information

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### Specified operating environment

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#### **Hardware requirements**

AMD64, EM64T, or compatible processor -- any hardware that is explicitly compatible and fully capable of running the specified operating system, all the corresponding supporting software and any associated applications unmodified with VMware ESX setup

#### **Software requirements**

VMware ESX must be installed on the system targeted for deployment of WebSphere MQ Hypervisor Edition.

Software required for IBM WebSphere MQ Hypervisor Edition is provided.

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

### Planning information

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#### **Direct customer support**

Installation and technical support is provided by Global Services. For more information, call 800-IBM-4YOU (426-4968).

For technical support or assistance, contact your IBM representative or visit

<http://www.ibm.com/support>

## Packaging

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## Ordering information

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This product is only available via Passport Advantage. It is not available as shrinkwrap.

Product group: WebSphere

Product Identifier	Description	(PID)
	WebSphere MQ Hypervisor Edition for Red Hat Enterprise Linux for x86	5725-C79

Product category: Application Integration Middleware Other

### Charge metric

Program name	PID number	Charge unit description
IBM WebSphere MQ Hypervisor Edition for Red Hat Enterprise Linux for x86	5725-C79	Processor Value Unit

### Processor Value Unit

Processor Value Unit (PVU) is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU Table by processor value, brand, type, and model number) at the following website and the number of processors made available to the program

[http://www.ibm.com/software/lotus/passportadvantage/pvu\\_licensing\\_for\\_customers.html](http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html)

IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores.

Licensee can deploy the program using either Full Capacity licensing or Virtualization Capacity (Sub-Capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (see web page below). If using Full Capacity licensing, Licensee must obtain PVU entitlements sufficient to cover all activated processor cores<sup>1</sup> in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using Virtualization Capacity licensing, Licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

[http://www.ibm.com/software/lotus/passportadvantage/Counting\\_Software\\_licenses\\_using\\_specific\\_virtualization\\_technologies.html](http://www.ibm.com/software/lotus/passportadvantage/Counting_Software_licenses_using_specific_virtualization_technologies.html)

<sup>1</sup> An Activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

**Notes:**

- Some programs may require licenses for the program and what is being managed. In that case, the following applies: In addition to the entitlements required for the program directly, Licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
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- A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies: Rather than obtaining entitlements for the activated processor cores available to the program, Licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the Referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.
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Product description	Product ID
WebSphere MQ Hypervisor Edition for Red Hat Enterprise Linux for x86	5725-C79

**Passport Advantage**

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Here is the complete listing of part numbers for IBM WebSphere MQ Hypervisor Edition for Red Hat Enterprise Linux for x86 (5725-C79).

Description	Part number
WebSphere MQ Hypervisor Edition for Red Hat Enterprise Linux for x86 Per processor Value Unit	
License + Software S&S 12 mo	D0IV0LL
Annual Software S&S Renewal 12 mo	E0BTSSL
Software S&S reinstatement 12 mo	D0IV1LL

## Passport Advantage trade-up

Below is a list of precursor products for which you must have already acquired a license, in order to be eligible to acquire equivalent licenses using the trade-up part number.

Precursor product	Trade-up product	Trade-up part number
webSphere MQ	webSphere MQ Hypervisor Edition for Red Hat Enterprise Linux for x86 Per processor Value Unit License + SW S&S 12 mo	D0IVSLL

Consult your IBM representative if you have any questions.

This product is only available via electronic download.

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### **License Information form number**

WebSphere MQ Hypervisor Edition for Red Hat Enterprise Linux for x86

- L-APIG-7T5JD2

### **Limited warranty applies**

Yes

### **Limited warranty**

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the IBM Software Support Handbook found at

<http://www.ibm.com/support/handbook>

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

### **Program technical support**

Support for WebSphere MQ Hypervisor Edition V7.0.1 will be available for the life cycle of the WebSphere MQ V7. WebSphere MQ Hypervisor Edition V7.0.1 for Red Hat Enterprise Linux has the same End of Support date as WebSphere MQ V7.0.

You are eligible to obtain technical support for WebSphere MQ Hypervisor Edition, during the support life cycle, as long as your Software Subscription and Support (also referred to as Software Maintenance) is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support also provides you with access to updates, releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

### **Red Hat Enterprise Linux Server**

IBM will provide support for the Red Hat Enterprise Linux Server component included in the WebSphere MQ Hypervisor Edition under the following conditions:

- Red Hat Enterprise Linux Server component is used in conjunction with WebSphere MQ Hypervisor Edition.
- Version of Red Hat Enterprise Linux Server is supported by Red Hat.

IBM may ask customers to move up to the latest Red Hat Enterprise Linux Server support level. IBM, in turn, will upgrade the version of the underlying Red Hat Enterprise Linux Server during the WebSphere MQ Hypervisor Edition support life cycle to maintain the operating system support. Customers with active Passport Advantage subscription and support are entitled to this upgrade.

### **Money-back guarantee**

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

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No

**Passport Advantage applies**

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**Usage restrictions**

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**IBM Operational Support Services -- SoftwareXcel**

No

**Other support**

Passport Advantage

**System i Software Maintenance applies**

No



**Variable charges apply**

No

**Educational allowance available**

Not applicable.

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