



IBM WebSphere Hypervisor Edition delivers new offerings for WebSphere Process Server, WebSphere Application Server Red Hat Enterprise Linux support, and advanced virtualization

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At a glance

WebSphere® Application Server Hypervisor™ Edition:

- Adds support for Red Hat Enterprise Linux® in x86 environments
- Optimizes WebSphere Application Server 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 Application Server and the associated operating system in conjunction with WebSphere CloudBurst Appliance

WebSphere Application Server Hypervisor Edition Intelligent Management Pack:

- Provides policy-based management for WebSphere Application Server in CloudBurst environments
- Available as a supplemental product to be used in conjunction with WebSphere Application Server Hypervisor Edition

WebSphere Process Server Hypervisor Edition:

- Adds support for AIX® in IBM® PowerVM™ environments
- Adds support for Novell SUSE Linux Enterprise Server in VMware ESX environments
- Optimizes WebSphere Process Server 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 Process Server, underlying WebSphere Application Server Network Deployment and the associated operating system in conjunction with WebSphere CloudBurst Appliance

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

Overview

IBM adds new WebSphere Hypervisor Edition offerings to allow you to further leverage the value of server virtualization environments for your IBM middleware.

These offerings are WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server, WebSphere Application Server Hypervisor Edition Intelligent Management Pack and WebSphere Process Server Hypervisor Edition. These products work with the WebSphere CloudBurst Appliance, which offers enhanced value for managing patterns, standardizing a set of configurations for your data center, and managing the life cycle of your entire WebSphere environment in a private cloud.

WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server and WebSphere Application Server Hypervisor Edition Intelligent Management Pack

WebSphere Application Server Hypervisor Edition is a combination of WebSphere Application Server and one of several supported operating systems, shipped together and optimized to run in server virtualization environments. Designed to reduce installation and configuration time, WebSphere Application Server Hypervisor Edition helps you rapidly deploy WebSphere based applications. WebSphere Application Server Hypervisor Edition V7.0 now includes Red Hat Enterprise Linux Server for x86 environments.

WebSphere Application Server Hypervisor Edition integrates WebSphere Application Server with WebSphere feature packs, IBM HTTP Server, and an operating system compatible with each supported hypervisor. WebSphere Application Server Hypervisor Edition now supports the following environments:

- Red Hat Enterprise Linux in VMware ESX environments (new)
- AIX in IBM PowerVM environments
- Novell SUSE Linux Enterprise Server in IBM z/VM® environments
- Novell SUSE Linux Enterprise Server (SLES) in VMware ESX environments

A new WebSphere Application Server Hypervisor Edition Intelligent Management Pack provides dynamic runtime management of WebSphere application environments deployed by WebSphere CloudBurst Appliance. Specifically, it supports application edition management to orchestrate the rollout of new application versions, policy-based management in the form of health management, and service policy management to reduce risk of downtime and make fine-grained resource allocation decisions based on observed demand and configured policy. WebSphere Application Server Hypervisor Edition Intelligent Management Pack is included in WebSphere Application Server Hypervisor Edition 7.0. However, its product license must be purchased separately.

Although the products are sold separately, WebSphere Application Server Hypervisor Edition V7.0 (with WebSphere Application Server Hypervisor Edition Intelligent Management Pack) is preloaded on the WebSphere CloudBurst Appliance for convenience. WebSphere Application Server Hypervisor Edition V7.0 for Red Hat Enterprise Linux Server can also be installed for stand-alone operation.

For more information on WebSphere Application Server Hypervisor Edition for Novell SLES on System z®, refer to Software Announcement [210-071](#), dated March 29, 2010.

For more information on WebSphere Application Server Hypervisor Edition for AIX, refer to Software Announcement [209-388](#), dated November 17, 2009.

For more information on WebSphere Application Server Hypervisor Edition for Novell SUSE Linux Enterprise Server, refer to Software Announcement [209-145](#), dated June 02, 2009.

WebSphere Process Server Hypervisor Editions for AIX and Novell SUSE Linux Enterprise Server

The new WebSphere Process Server Hypervisor Edition is a combination of WebSphere Process Server and the operating system compatible with each supported hypervisor optimized to run in server virtualization environments. Designed to reduce installation and configuration time, IBM WebSphere Process

Server Hypervisor Edition helps you rapidly deploy WebSphere Process Server based process solutions.

WebSphere Process Server Hypervisor Edition supports WebSphere Process Server V7.0 and V6.2 for use with WebSphere CloudBurst Appliance for the following server virtualization environments:

- AIX in IBM PowerVM environments
- Novell SUSE Linux Enterprise Server in VMware ESX environments

WebSphere Process Server Hypervisor Edition (V7.0 and V6.2) for Novell SUSE Linux Enterprise Server in VMWare ESX virtualization environments is also supported for stand-alone installation.

Key prerequisites

WebSphere Application Server Hypervisor Edition V7.0 for Red Hat Enterprise Linux Server

- IBM System x® with VMWare ESX setup
- WebSphere CloudBurst Appliance with minimum firmware level V2.0 (only required for use with WebSphere CloudBurst Appliance)

WebSphere Application Server Hypervisor Edition Intelligent Management Pack

- WebSphere CloudBurst Appliance with minimum firmware level V2.0
- WebSphere Application Server Hypervisor Edition V7.0.0.11

WebSphere Process Server Hypervisor Edition (V7.0 and V6.2)

- WebSphere Process Server Hypervisor Edition for AIX:
 - WebSphere CloudBurst Appliance with firmware level V1.1.1 or V2.0
 - Current license for AIX purchased as part of the IBM Power Systems™ hardware and PowerVM setup
- WebSphere Process Server Hypervisor Edition for SUSE Linux Enterprise Server:
 - WebSphere CloudBurst Appliance with firmware level V1.1.1 or V2.0
 - IBM System x with VMWare ESX setup

Planned availability date

- June 11, 2010: WebSphere Process Server Hypervisor Edition, electronic distribution
- June 18, 2010: WebSphere Application Server Hypervisor Edition (with WebSphere Application Server Hypervisor Edition Intelligent Management Pack), electronic distribution
- July 16, 2010: WebSphere Application Server Hypervisor Edition (with WebSphere Application Server Hypervisor Edition Intelligent Management Pack), media packs

Description

WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server and WebSphere Application Server Hypervisor Edition Intelligent Management Pack

The WebSphere Application Server Hypervisor Edition V7.0 for Red Hat Enterprise Linux Server supports deployment of WebSphere Application Server virtual images into VMware ESX environments.

WebSphere Application Server Hypervisor Edition V7.0 for Red Hat Enterprise Linux Server is a combination of WebSphere Application Server and the Red Hat Enterprise Linux operating system optimized for x86 environments. It can take the form of a single application server, a member of a cluster of application servers, or an IBM HTTP server instance. It includes Red Hat Enterprise Linux 5 Server.

By deploying and running WebSphere Application Server Hypervisor Edition in virtualized environments, you can better utilize hardware, which ultimately reduces hardware, power, cooling, and real estate costs. Increased hardware utilization results from virtualization allowing a single machine to be carved into multiple smaller "virtual machines," each of which may run an instance of WebSphere Application Server Hypervisor Edition.

A new WebSphere Application Server Hypervisor Edition Intelligent Management Pack provides dynamic runtime management of WebSphere application environments deployed by WebSphere CloudBurst Appliance. Specifically, it supports application edition management to orchestrate the rollout of new application versions, policy-based management in the form of health management, and service policy management to reduce risk of downtime and make fine-grained resource allocation decisions based on observed demand and configured policy. WebSphere Application Server Hypervisor Edition Intelligent Management Pack is included in WebSphere Application Server Hypervisor Edition 7.0. However, its product license must be purchased separately.

Although the products are sold separately, WebSphere Application Server Hypervisor Edition V7.0 (with WebSphere Application Server Hypervisor Edition Intelligent Management Pack) is preloaded on the WebSphere CloudBurst Appliance for convenience. WebSphere Application Server Hypervisor Edition V7.0 for Red Hat Enterprise Linux Server can also be installed for stand-alone operation.

WebSphere CloudBurst Appliance is a cloud computing appliance that manages WebSphere products in a cloud environment. It dispenses patterns of virtual images into a pool of virtualized resources running a supported hypervisor. The optimization for deployment speed and agility enables an entirely new usage paradigm for WebSphere Application Server built around rapid setup and teardown. Test cases can be based upon a standardized deployment that is destroyed and reinstalled after each execution.

For more information on WebSphere CloudBurst Appliance, refer to Hardware Announcement [110-116](#), dated April 30, 2010.

For information on WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server, visit

<http://www.ibm.com/software/webservers/appserv/hypervisor/>

For information on WebSphere CloudBurst Appliance, visit

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

WebSphere Process Server Hypervisor Editions for AIX and Novell SUSE Linux Enterprise Server

The WebSphere Process Server Hypervisor Edition for AIX supports deployment of WebSphere Process Server virtual images into PowerVM environments. WebSphere Process Server Hypervisor Edition for AIX is WebSphere Process Server and the AIX operating system optimized for PowerVM environments.

The WebSphere Process Server Hypervisor Edition for Novell SUSE Linux Enterprise Server for x86 (32-bit) supports deployment of WebSphere Process Server virtual images into VMware ESX environments. WebSphere Process Server Hypervisor Edition for Novell SUSE Linux Enterprise Server for x86 comprises WebSphere Process Server and the SUSE Linux Enterprise Server operating system optimized for VMware ESX environments.

By deploying and running WebSphere Process Server Hypervisor Edition in virtualized environments, you can better utilize hardware, which ultimately reduces hardware, power, cooling, and real estate costs. Increased hardware utilization results from virtualization, allowing a single machine to be carved into multiple smaller "virtual machines," each of which may run an instance of WebSphere Process Server Hypervisor Edition. When deployed, a Hypervisor Edition can take the form of a single application server or a member of a cluster of application servers.

WebSphere CloudBurst Appliance is a cloud computing appliance that manages WebSphere products in a cloud environment. It dispenses patterns of virtual images into a pool of virtualized resources running a supported hypervisor. The optimization for deployment speed and agility enables an entirely new usage paradigm for WebSphere Process Server built around rapid setup and teardown. For instance, test cases can be based upon a standardized deployment that is destroyed and reinstalled after each execution.

WebSphere Process Server Hypervisor Edition supports WebSphere Process Server V7.0 and V6.2 for use with the WebSphere CloudBurst Appliance. WebSphere Process Server Hypervisor Edition for AIX includes the AIX V6.1 operating system. WebSphere Process Server Hypervisor Edition for SUSE Linux Enterprise Server includes Novell SUSE Linux Enterprise Server 11 as the operating system.

WebSphere Process Server Hypervisor Edition (V7.0 and V6.2) for Novell SUSE Linux Enterprise Server in VMWare ESX virtualization environments is also supported for stand-alone installation.

For more information on WebSphere CloudBurst Appliance, refer to Hardware Announcement [110-116](#), dated April 30, 2010.

For more information on WebSphere Process Server Hypervisor Edition, visit

<http://www.ibm.com/software/integration/wpshv/>

For information on WebSphere CloudBurst Appliance, visit

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

Accessibility by people with disabilities

A U.S. 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

Program number

Program name	Program number
IBM WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server	5725-A26
IBM WebSphere Application Server Hypervisor Edition Intelligent Management Pack	5725-A27
IBM WebSphere Process Server Hypervisor Edition for AIX	5725-A22
IBM WebSphere Process Server Hypervisor Edition for Novell SUSE Linux Enterprise Server for x86 (32-bit)	5725-A21
IBM WebSphere Application Server	5725-A25 (New program number)

Offering Information

Product information is available via the Offering Information Web site

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

Also, visit the Passport Advantage® Web site

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

Publications

WebSphere Application Server Hypervisor Edition and WebSphere Application Server Hypervisor Edition Intelligent Management Pack

The publication *Getting Started Guide* is shipped on the product DVD. The publication *Quick Start Guide* is shipped on a separate CD. The Information Center is available online.

WebSphere Process Server Hypervisor Edition

No publications are shipped with the WebSphere Process Server Hypervisor Edition products. For information about accessing the online product Information Centers and installing local information centers, visit

<http://www.ibm.com/software/integration/wps/library/infocenter>

Select the V6.2.0 or V7.0 tab for information about the documentation for the desired product release level.

Portions of the product documentation are translated and will be available at general availability.

Technical information

Specified operating environment

Hardware requirements

WebSphere Application Server Hypervisor Edition V7.0 for Red Hat Enterprise Linux Server

- When using this image in the WebSphere CloudBurst Appliance, the appliance should have firmware level V2.0 installed. The image can also be used stand-alone without the WebSphere CloudBurst Appliance.
- Intel® Pentium® at 3 GHz for single core system, 2.4 GHz for dual core, or faster, Intel EM64T or AMD Opteron (32-bit kernel support only).
- Any x86 hardware system supporting VMware V3.5 or V4.0
- Disk space : Minimum 30 GB physical space.
- Memory: Minimum 2 GB physical memory.

For additional information about WebSphere CloudBurst Appliance, refer to Hardware Announcement [110-116](#), dated April 30, 2010.

WebSphere Application Server Hypervisor Edition Intelligent Management Pack V6.1.1

- WebSphere CloudBurst Appliance with firmware level V2.0

There are no other unique hardware requirements for the WebSphere Application Server Hypervisor Edition Intelligent Management Pack.

WebSphere Application Server Hypervisor Edition Intelligent Management Pack is included in WebSphere Application Server Hypervisor Edition V7.0, beginning with V7.0.0.11. For the system requirements for WebSphere Application Server Hypervisor Edition V7.0.0.11 for each of the supported hypervisors, visit

<http://www-01.ibm.com/support/docview.wss?rs=4008&uid=swg27015835>

WebSphere Process Server Hypervisor Edition (V7.0 and V6.2)

- WebSphere CloudBurst Appliance with firmware level V1.1.1, or V2.0
- Any x86 hardware system supporting VMware V3.5 or V4.0
- IBM System p® supporting PowerVM

For the hardware requirements for WebSphere Process Server Hypervisor Edition for AIX, refer to Hardware Announcement [109-731](#), dated November 17, 2009.

Software requirements

WebSphere Application Server Hypervisor Edition V7.0 for Red Hat Enterprise Linux Server

All required software is provided with WebSphere Application Server Hypervisor Edition.

WebSphere Application Server Intelligent Management Pack V6.1.1

WebSphere Application Server Hypervisor Edition V7.0.0.11

WebSphere Process Server Hypervisor Edition (V7.0 and V6.2)

- WebSphere CloudBurst Appliance with firmware level V1.1.1 or V2.0
- Java™ Runtime Environment (JRE) V6

Note: For JRE provided by IBM, use V6 SR3, or later

The AIX 6.1 operating system is included in the WebSphere Process Server Hypervisor Edition for AIX. However, customers must purchase the license for AIX separately as part of their Power® Systems hardware and PowerVM setup. All other required software is provided with WebSphere Process Server Hypervisor Edition.

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

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

WebSphere Application Server Hypervisor Edition V7.0 for Red Hat Enterprise Linux Server includes WebSphere Application Server V7.0 with selectable feature packs:

- WebSphere Application Server V7.0 Feature Pack for SCA
- WebSphere Application Server V7.0 Feature Pack for Web 2.0 V1.0.1
- WebSphere Application Server V7.0 Feature Pack for Communications Enabled Applications 1.0
- WebSphere Application Server V7.0 Feature Pack for XML 1.0

WebSphere Application Server Hypervisor Edition Intelligent Management Pack V6.1.1 is also included in WebSphere Application Server Hypervisor Edition V7.0. Its product license must be purchased separately.

WebSphere Process Server Hypervisor Edition:

- WebSphere Process Server Hypervisor Edition V6.2 supports WebSphere Process Server V6.2.0.2.
- WebSphere Process Server Hypervisor Edition V7.0 supports WebSphere Process Server V7.0.

WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server is available in three formats:

- VMware ESX format
- Open Virtual Format (OVF)
- Open Virtual Archive (OVA)

The ESX and OVF image formats are distributed via electronic download and via physical media packs.

WebSphere Process Server Hypervisor Edition is available in the Open Virtual Archive (OVA) format only.

The OVA format is a single-image format used with WebSphere CloudBurst Appliance that is available via electronic download. The OVA single image format for WebSphere Application Server Hypervisor Edition is preloaded on WebSphere CloudBurst for convenience. The OVA single image format for WebSphere Process Server Hypervisor Edition is not preloaded on WebSphere CloudBurst Appliance. The package is available via electronic download only. Customers should use IBM Download Director to download the WebSphere Process Server Hypervisor Edition and WebSphere Application Server Hypervisor Edition in OVA format onto WebSphere CloudBurst Appliance.

For more information about IBM Download Director, visit

<http://www.ibm.com/support/us/ddhelp.html>

This program, when downloaded from a Web site, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities.

Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

Ordering information

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

Product group: WebSphere

Product Identifier Description	(PID)
WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server	5725-A26
WebSphere Application Server Hypervisor Edition Intelligent Management Pack	5725-A27
WebSphere Process Server Hypervisor Edition for AIX	5725-A22
WebSphere Process Server Hypervisor Edition for Novell SUSE Linux Enterprise Server for x86 (32-bit)	5725-A21
WebSphere Application Server Hypervisor Edition for AIX	5725-A25 (New PID number)

Product category: Application Integration Middleware Other

Charge metric

Program name	PID number	Charge unit description
IBM WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server	5725-A26	Processor Value Unit
IBM WebSphere Application Server Hypervisor Edition Intelligent Management Pack	5725-A27	Processor Value Unit
IBM WebSphere Process Server Hypervisor Edition for AIX	5725-A22	Processor Value Unit
IBM WebSphere Process Server Hypervisor Edition for Novell SUSE Linux Enterprise Server for x86 (32-bit)	5725-A21	Processor Value Unit
IBM WebSphere Application Server Hypervisor Edition for AIX (new PID number)	5725-A25	Processor Value Unit

Processor Value Unit (PVU)

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, vendor, brand, type, and model number at the following Web page and the number of processors made available to the program.

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 cores¹ 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

¹ 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:

- Express® and Workgroup programs may be licensed with maximum use terms. In that case, the following applies: The maximum authorized use terms and conditions for PVU licensed IBM Express and Middleware Programs can be found in the IBM Express and Middleware Licensing Guide.
- 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.
- Some programs may be licensed on a managed basis only. In that case, the following applies: Instead of 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.
- 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.

Product description	Product ID
WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server	5725-A26
WebSphere Application Server Hypervisor Edition Intelligent Management Pack	5725-A27
WebSphere Process Server Hypervisor Edition for AIX	5725-A22
WebSphere Process Server Hypervisor Edition for Novell SUSE Linux Enterprise Server for x86 (32-bit)	5725-A21
WebSphere Application Server Hypervisor Edition for AIX (new product ID)	5725-A25

Passport Advantage

Here is the complete listing of part numbers for WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server.

Description	Part number
WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server Per processor Value Unit (5725-A26)	
License + Software S & S 12 months	D0CQ3LL
Annual Software S & S Renewal 12 months	E08NBLL
Software S & S reinstatement 12 months	D0CQ4LL

Here is the complete listing of part numbers for WebSphere Application Server Hypervisor Edition Intelligent Management Pack.

Description	Part number
WebSphere Application Server Hypervisor Edition Intelligent Management Pack Per processor Value Unit (5725-A27)	
License + Software S & S 12 months	D0CXGLL
Annual Software S & S Renewal 12 months	E08R6LL
Software S & S reinstatement 12 months	D0CXHLL
WebSphere Application Server Hypervisor Edition Intelligent Management Pack for Linux on System z Per processor Value Unit (5725-A27)	
License + Software S & S 12 months	D0CXILL
Annual Software S & S Renewal 12 months	E08R9LL
Software S & S reinstatement 12 months	D0CXNLL

Here is the complete listing of part numbers for WebSphere Application Server Hypervisor Edition for AIX. (This is a new program number; the part numbers are unchanged.)

Description	Part number
WebSphere Application Server Hypervisor Edition for AIX Per processor Value Unit (5725-A25)	
License + Software S & S 12 months	D0BQ2LL
Annual Software S & S Renewal 12 months	E0868LL
Software S & S reinstatement 12 months	D0BQ3LL

Here is the complete listing of part numbers for WebSphere Process Server Hypervisor Edition.

Description	Part number
WebSphere Process Server Hypervisor Edition for Novell SUSE Linux Enterprise Server for x86 (32-bit) Per processor Value Unit (5725-A21)	
License + Software S & S 12 months	D0CWMLL
Annual Software S & S Renewal 12 months	E08QSLL
Software S & S reinstatement 12 months	D0CWPLL

WebSphere Process Server Hypervisor Edition
for AIX
Per processor Value Unit (5725-A22)

License + Software S & S 12 months	D0CWFL
Annual Software S & S Renewal 12 months	E08QPLL
Software S & S reinstatement 12 months	D0CWGLL

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 numbers.

Precursor product	Trade-up product	Trade-up part number
WebSphere Application Server	WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server	
	Trade-up License + Software S&S 12 months	D0CQ5LL
WebSphere Application Server - Express	WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server	
	Trade-up License + Software S&S 12 months	D0CQ6LL
WebSphere Application Server Network Deployment	WebSphere Application Server Hypervisor Edition for Red Hat Enterprise Linux Server	
	Trade-up License + Software S&S 12 months	D0CQ7LL
WebSphere Application Server	WebSphere Application Server Hypervisor Edition for AIX	
	Trade-up License + Software S&S 12 months	D0CCNLL
WebSphere Application Server - Express	WebSphere Application Server Hypervisor Edition for AIX	
	Trade-up License + Software S&S 12 months	D0CCPLL
WebSphere Application Server Network Deployment	WebSphere Application Server Hypervisor Edition for AIX	
	Trade-up License + Software S&S 12 months	D0CCMLL
WebSphere Process Server	WebSphere Process Server Hypervisor Edition for AIX	
	Trade-up License + Software S&S 12 months	D0CWHLL
WebSphere Process Server	WebSphere Process Server Hypervisor Edition for Novell SUSE Linux Enterprise Server x86 (32-bit)	
	Trade-up License + Software S&S 12 months	D0CWQLL

Consult your IBM representative if you have any questions.

Passport Advantage customer: Media pack entitlement details

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

Passport Advantage Media Pack contents:

The WebSphere Application Server Hypervisor Edition media packs now include WebSphere Application Server Network Deployment supplemental products.

Entitled maintenance offerings description	Part number
IBM WebSphere Application Server Hypervisor Edition V6.1.0.31 for Novell SUSE Linux Enterprise Server	BA0YMML
IBM WebSphere Application Server Hypervisor Edition V7.0.0.11 for Novell SUSE Linux Enterprise Server	BA0YNML
IBM WebSphere Application Server Hypervisor Edition V7.0.0.11 for Red Hat Enterprise Linux Server	BA0ZBML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for AIX	BA0Z3ML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for HP-UX	BA0YXML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for Windows	BA0YYML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for Linux on x86	BA0YZML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for Linux on PowerPC	BA0Z0ML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for Linux on System z	BA0Z1ML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for Solaris	BA0Z2ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for AIX	BA0Z4ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for HP-UX	BA0Z5ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for Windows	BA0Z6ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for Linux on x86	BA0Z7ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for Linux on PowerPC	BA0Z8ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for Linux on System z	BA0Z9ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for Solaris	BA0ZAML
Media packs description	Part number
IBM WebSphere Application Server Hypervisor Edition V6.1.0.31 for Novell SUSE Linux Enterprise Server Multilingual DVD Media Pack	BA0YMML
IBM WebSphere Application Server Hypervisor Edition V7.0.0.11 for Novell SUSE Linux Enterprise Server Multilingual DVD Media Pack	BA0YNML
IBM WebSphere Application Server Hypervisor Edition V7.0.0.11 for Red Hat Enterprise Linux Server Multilingual DVD Media Pack	BA0ZBML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for AIX, Multilingual CD Media Pack	BA0Z3ML

IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for HP-UX, Multilingual CD Media Pack	BA0YXML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for Windows®, Multilingual CD Media Pack	BA0YYML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for Linux on x86, Multilingual CD Media Pack	BA0YZML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for Linux on PowerPC®, Multilingual CD Media Pack	BA0Z0ML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for Linux on System z, Multilingual CD Media Pack	BA0Z1ML
IBM WebSphere Application Server Hypervisor Edition Supplements V7.0 for Solaris, Multilingual CD Media Pack	BA0Z2ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for AIX, Multilingual CD Media Pack	BA0Z4ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for HP-UX, Multilingual CD Media Pack	BA0Z5ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for Windows, Multilingual CD Media Pack	BA0Z6ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for Linux on x86, Multilingual CD Media Pack	BA0Z7ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for Linux on PowerPC, Multilingual CD Media Pack	BA0Z8ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for Linux on System z, Multilingual CD Media Pack	BA0Z9ML
IBM WebSphere Application Server Hypervisor Edition Supplements V6.1 for Solaris, Multilingual CD Media Pack	BA0ZAML

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Corrections

(Corrected on January 26, 2011)

The Hardware requirements section was revised.