

# IBM WebSphere Remote Server V7.1

## An overview



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This presentation provides an overview of IBM WebSphere® Remote Server V7.1

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A listing of the WebSphere Remote Server family of offerings is provided along with the supported operating systems. This is followed by a discussion of the software included in the offerings and usage restrictions. The systems management accelerators is discussed, and links are provided that guide you to more information.

## Offerings

- IBM Retail Store Server Starter Edition V7.1
- IBM Retail Store Server Starter Edition with Informix® Dynamic Server V7.1
- IBM Retail Store Server Advanced Edition V7.1
- IBM Retail Store Server Advanced Edition with Informix Dynamic Server V7.1
- IBM WebSphere Central Site Server V7.1
- IBM Tivoli® Monitoring and Provisioning Add On for IBM Retail Store Server Edition V7.1
- IBM WebSphere Message Broker Retail Store Edition V7.0
- IBM WebSphere Enterprise Service Bus Retail Store Edition V7.0

IBM WebSphere Remote Server V7.1 contains eight offerings. The first four are the IBM Retail Store Server offerings. These contain IBM middleware with special pricing and usage restrictions that allow for cost-effective distribution to thousands of retail outlets.

The IBM WebSphere Central Site Server offering is intended for the enterprise or traditional back office and contains a full use license.

The IBM Tivoli Monitoring and Provisioning Add On for IBM Retail Store Server Edition is available to customers who purchase any of the IBM Retail Store Server offerings.

In the previous release of WebSphere Remote Server that included Tivoli products, the Tivoli products were bundled in the standard and advanced editions of WebSphere Remote Server. Now, the Tivoli products are included in this separate offering.

The last two offerings are IBM WebSphere Message Broker Retail Store Edition and IBM WebSphere Enterprise Service Bus Retail Store Edition. These offerings contain the individual products WebSphere Message Broker and WebSphere Enterprise Service Bus. Special licensing terms and conditions and special pricing apply. They can be purchased separately with or without purchasing any of the other WebSphere Remote Server offerings.

## Supported operating systems

- SuSE Linux® Enterprise Server V10.1 and V10.2
- SuSE Linux Enterprise Server V11 **New**
- Red Hat Enterprise Linux V5.2 and V5.3
- Windows® Server 2003 Service Pack 2
- Windows Server 2003 R2 Service Pack 2
- Windows Server 2008
- Windows Embedded POSReady 2009
- Windows XP Service Pack 2 and Service Pack 3

**32-bit and 64-bit operating systems are supported**

Shown here are the operating systems supported by WebSphere Remote Server V7.1. Newly added in this release is support for SuSE Linux Enterprise Server V11.

Both 32-bit and 64-bit operating systems are supported.

Note that the Windows Embedded POSReady 2009 operating system is available in 32-bit only.

## ***Software included in each offering***

This section shows the software included in each offering.

## Software included in the retail store server offerings

- WebSphere Application Server Network Deployment V7.0.0.5
- WebSphere MQ V7.0.1
- DB2® Workgroup Server Edition V9.7  
[OR](#) Informix Dynamic Server Workgroup Edition V11.50.xC5
- WebSphere sMash V1.1.1
- IBM Software Assembly Toolkit V3.2.1
- Systems management accelerators

Shown here is the list of middleware included in each of the retail store server offerings that is intended for distribution to retail outlets.

## Software included in WebSphere Central Site Server

- WebSphere Application Server Network Deployment V7.0.0.5
- WebSphere MQ V7.0.1
- DB2 Workgroup Server Edition V9.7
- IBM Software Assembly Toolkit V3.2.1
- Systems management accelerators

Shown here is the software included in the WebSphere Central Site Server offering that is intended for the enterprise or back office. Note that this is the same software that is included in the IBM Retail Store Server offerings without WebSphere sMash. Note also, there is no central site server offering that includes Informix Dynamic Server.

## Software included in IBM Tivoli Monitoring and Provisioning Add On for IBM Retail Store Server

- IBM Tivoli Composite Application Manager (ITCAM) for Applications V6.2.3  
(only a subset is included)
- IBM Tivoli Provisioning Manager V7.1.1

A new offering in IBM WebSphere Remote Server V7.1 is the IBM Tivoli Monitoring and Provisioning Add On for IBM Retail Store Server. This additional offering is available to customers who purchase any of the four IBM Retail Store Server offerings.

The software in this offering provides monitoring and software distribution capabilities.

Note that IBM Tivoli Composite Application Manager (ITCAM) for Applications V6.2.3 is actually a bundle of Tivoli products. WebSphere Remote Server V7.1 includes only a subset of this bundle.



## IBM Tivoli Composite Application Manager for Applications V6.2.3 (1 of 3)

Components of ITCAM for Applications V6.2.3  
included in WebSphere Remote Server V7.1:

- ITCAM Agent for DB2 V6.2.2
- ITCAM Agent for HTTP Servers V7.1
- ITCAM Agent for J2EE V6.2.0.4
- ITCAM Agent for Oracle Database V6.2.1
- ITCAM Agent for WebSphere Applications V7.1
- ITCAM Agent for WebSphere Message Broker V7.0.1
- ITCAM Agent for WebSphere MQ V7.0.1
- ITCAM Configuration Agent for WebSphere MQ V7.0.1
- ITCAM Extended Agent for Oracle Database V6.3
- IBM Tivoli Monitoring V6.2.2 Fix Pack 1

Shown here are the components of ITCAM for Applications V6.2.3 that are included in WebSphere Remote Server V7.1.

## IBM Tivoli Composite Application Manager for Applications V6.2.3 (2 of 3)

Components of ITCAM for Applications V6.2.3

**NOT** included in WebSphere Remote Server V7.1:

- ITCAM Agent for Lotus® Domino® V6.2.1
- ITCAM Agent for PeopleSoft Enterprise Application Domain V6.2.1
- ITCAM Agent for PeopleSoft Enterprise Process Scheduler V6.2.1
- ITCAM Agent for Sybase ASE V6.2
- IBM Tivoli Monitoring for Applications V6.2: SAP Agent
- IBM Tivoli Monitoring for Applications V6.1: Siebel Agent
- IBM Tivoli Monitoring for Virtual Servers V6.2.1

This slide shows the components of ITCAM for Applications V6.2.3 that are NOT included in WebSphere Remote Server V7.1.

## IBM Tivoli Composite Application Manager for Applications V6.2.3 (3 of 3)

- See the ITCAM for Applications V6.2.3 information center:

[http://publib.boulder.ibm.com/infocenter/tivihelp/v24r1/topic/com.ibm.itcama.doc.6.2.3/offering\\_guide\\_itcamforapplications62306.htm#pkqcontents](http://publib.boulder.ibm.com/infocenter/tivihelp/v24r1/topic/com.ibm.itcama.doc.6.2.3/offering_guide_itcamforapplications62306.htm#pkqcontents)

For more detailed information about the components in ITCAM for Applications V6.2.3, see the “Offering Guide” in the ITCAM for Applications information center.

## WebSphere Remote Server comparison of Tivoli software

<b>WebSphere Remote Server V6.2</b>	<b>WebSphere Remote Server V7.1</b>
IBM Tivoli Monitoring V6.2	IBM Tivoli Monitoring V6.2.2.1
IBM Tivoli Monitoring for Databases V6.2	<ul style="list-style-type: none"> <li>▪ITCAM Agent for DB2 V6.2.2</li> <li>▪ITCAM Agent for Oracle Database V6.2.1</li> <li>▪ITCAM Extended Agent for Oracle Database V6.3</li> </ul>
IBM Tivoli Omegamon XE for Messaging V6.0.1	<ul style="list-style-type: none"> <li>▪ITCAM Agent for WebSphere MQ V7.0.1</li> <li>▪ITCAM Agent for WebSphere Message Broker V7.0.1</li> <li>▪ITCAM Configuration Agent for WebSphere MQ V7.0.1</li> </ul>

continued ...

This slide is the first of two that shows a comparison of the Tivoli products included in WebSphere Remote Server V6.2 and V7.1.

## WebSphere Remote Server comparison of Tivoli software (continued)

WebSphere Remote Server V6.2	WebSphere Remote Server V7.1
ITCAM for WebSphere V6.1.0.3	<ul style="list-style-type: none"> <li>▪ITCAM Agent for J2EE V6.2.0.4</li> <li>▪ITCAM Agent for WebSphere Applications V7.1</li> <li>▪ITCAM Agent for HTTP Servers V7.1</li> </ul>
IBM Tivoli Enterprise Console® V3.9	<p><i>Withdrawn from marketing.</i></p> <p><i>Replacement function is available with the separate purchase of IBM Tivoli OMNibus</i></p>
IBM Tivoli Provisioning Manager for Software V5.1.1	IBM Tivoli Provisioning Manager V7.1.1

This slide continues the comparison of the Tivoli software included in WebSphere Remote Server V6.2 and V7.1.

Note that IBM Tivoli Enterprise Console has been withdrawn from marketing.

Also note that IBM Tivoli Provisioning Manager for Software is replaced by IBM Tivoli Provisioning Manager.

## Software included in IBM WebSphere Message Broker Retail Store Edition V7.0

- IBM WebSphere Message Broker V7.0

IBM WebSphere Message Broker Retail Store Edition V7.0 contains the product IBM WebSphere Message Broker V7.0 with a restricted-use license.

## Software included in IBM WebSphere Enterprise Service Bus Retail Store Edition V7.0

- IBM WebSphere Enterprise Service Bus V7.0

IBM WebSphere Enterprise Service Bus Retail Store Edition V7.0 contains the product IBM WebSphere Enterprise Service Bus V7.0 with a restricted-use license.

## Comparison of software versions

<b>Product</b>	<b>WebSphere Remote Server V6.2</b>	<b>WebSphere Remote Server V7.0</b>	<b>WebSphere Remote Server V7.1</b>
WebSphere Application Server Network Deployment	6.1.0.13	7.0.0.3	<b>7.0.0.5</b>
WebSphere MQ	6.0.2.3	7.0.0.1	<b>7.0.1</b>
DB2 Workgroup Server	9.5	9.5.0.3a	<b>9.7</b>
Informix Dynamic Server Workgroup Edition ( <b>New</b> )		11.5.xC3	<b>11.5.xC5</b>
WebSphere sMash ( <b>New</b> )		1.1.0.1	<b>1.1.1</b>
IBM Software Assembly Toolkit	2.2.1.3	3.1.1.5	<b>3.2.1</b>

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Shown here are the versions of software products provided in the previous two releases of WebSphere Remote Server and for the current release.



## ***Usage restrictions***

This section illustrates some of the usage restrictions for the offerings.

## Processor value units

### **Processor Value Unit [PVU] licensing for Distributed Software**

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

### **The advantage of processor value units:**

[http://www.ibm.com/software/lotus/passportadvantage/advantages\\_of\\_processor\\_value\\_units.html](http://www.ibm.com/software/lotus/passportadvantage/advantages_of_processor_value_units.html)

### **Processor value unit calculator**

<https://www.ibm.com/software/howtobuy/passportadvantage/valueunitcalculator/vucalc.wss>

Some of the license restrictions are based on processor value units.

The links on this page might be helpful to you if you are unfamiliar with processor value units.

## Restricted use license for starter editions

IBM Retail Store Server **Starter** Edition V7.1

IBM Retail Store Server **Starter** Edition with Informix Dynamic Server V7.1

### Restrictions

- Maximum processor value units: 400
- Informix Dynamic Server: maximum processor value units: 200
- DB2: maximum RAM: 4 GB
- WebSphere Application Server Network Deployment
  - a. Licensee cannot use the Application Server Web Services Gateway.
  - b. Licensee cannot use Clustering, Deployment Manager and Job Manager functionality.
- For use in “stores” as defined by the licenses

**Refer to the IBM WebSphere Remote Server licenses for complete details**

<http://www.ibm.com/software/sla/sladb.nsf>

Shown here are some of the usage restrictions for the starter editions.

The starter editions are restricted to usage on machines that have no more than 400 processor value units. Although the starter edition with Informix Dynamic Server is limited to 400 processor value units, Informix Dynamic Server itself is further restricted to 200 processor value units. This means if you want to run the other middleware products on a server or virtual server with up to 400 processor value units, you must install Informix Dynamic Server on a separate server or server partition. Informix Dynamic Server must be on a server, virtual server, or server partition with a maximum of 200 processor value units.

The license permits you to run DB2 on servers with up to 4 GB of RAM. The capabilities of WebSphere Application Server Network Deployment are restricted to those of WebSphere Application Server Express®.

The processor cores running any of the IBM Retail Store Server offerings must physically reside in a store as defined by the licenses.

**Refer to the IBM WebSphere Remote Server licenses for complete details.**

## Restricted use license for advanced editions

- IBM Retail Store Server **Advanced** Edition V7.1
  - Maximum processor value units: 480
    - DB2: maximum RAM: 16 GB
- IBM Retail Store Server **Advanced** Edition with Informix Dynamic Server V7.1
  - Maximum processor value units: 400
- All IBM Retail Store Server offerings are for use in “stores” as defined by the licenses
- **Refer to the *IBM WebSphere Remote Server licenses for complete details***
- <http://www.ibm.com/software/sla/sladb.nsf>

Shown here are some of the usage restrictions for the advanced editions.

The IBM Retail Store Server Advanced Edition V7.1 is restricted to usage on servers or virtual servers that have no more than 480 processor value units. The license permits you to run DB2 on servers or virtual servers with up to 16 GB of RAM.

The IBM Retail Store Server Advanced Edition with Informix Dynamic Server V7.1 is restricted to usage on servers or virtual servers that have no more than 400 processor value units.

The processor cores running any of the IBM Retail Store Server offerings must physically reside in a store as defined by the licenses.

***Again refer to the IBM WebSphere Remote Server licenses for complete details.***

## Other usage restrictions

- The following WebSphere Remote Server editions are restricted to usage on servers or virtual servers rated at 400 processor value units or less:
  - IBM WebSphere Message Broker Retail Store Edition
  - IBM WebSphere Enterprise Service Bus Retail Store Edition
  - IBM Tivoli Monitoring and Provisioning Add On for IBM Retail Store Server, if IBM Retail Store Server Starter Edition was purchased as a prerequisite
- The following WebSphere Remote Server editions are restricted to usage on servers or virtual servers rated at 480 processor value units or less:
  - IBM Tivoli Monitoring and Provisioning Add On for IBM Retail Store Server, if IBM Retail Store Server Advanced Edition was purchased as a prerequisite

Shown here are restrictions for the other offerings.

The IBM WebSphere Message Broker and IBM WebSphere Enterprise Service Bus retail store editions are restricted to 400 processor value units.

The usage restriction for the IBM Tivoli Monitoring and Provisioning Add On for IBM Retail Store Server depends on the edition of retail store server that you purchased.

## ***Systems management accelerators***

This section presents the systems management accelerators

## Systems management accelerators

- Automated solution install and uninstall
- Migration from previous WebSphere Remote Server installations
- Development environment
- Utilities for distribution and monitoring
- Log collection scripts
- New in V7.1 is support for 64-bit operating systems

The systems management accelerators are software that is included with the IBM Retail Store Server and WebSphere Central Site Server offerings. The accelerators allow you to install the IBM software products as a single solution rather than installing each product separately. It also allows for automated migration from previous releases of WebSphere Remote Server.

The development environment allows you to customize the solution. You can tailor the solution to your needs and create your own DVD for distribution.

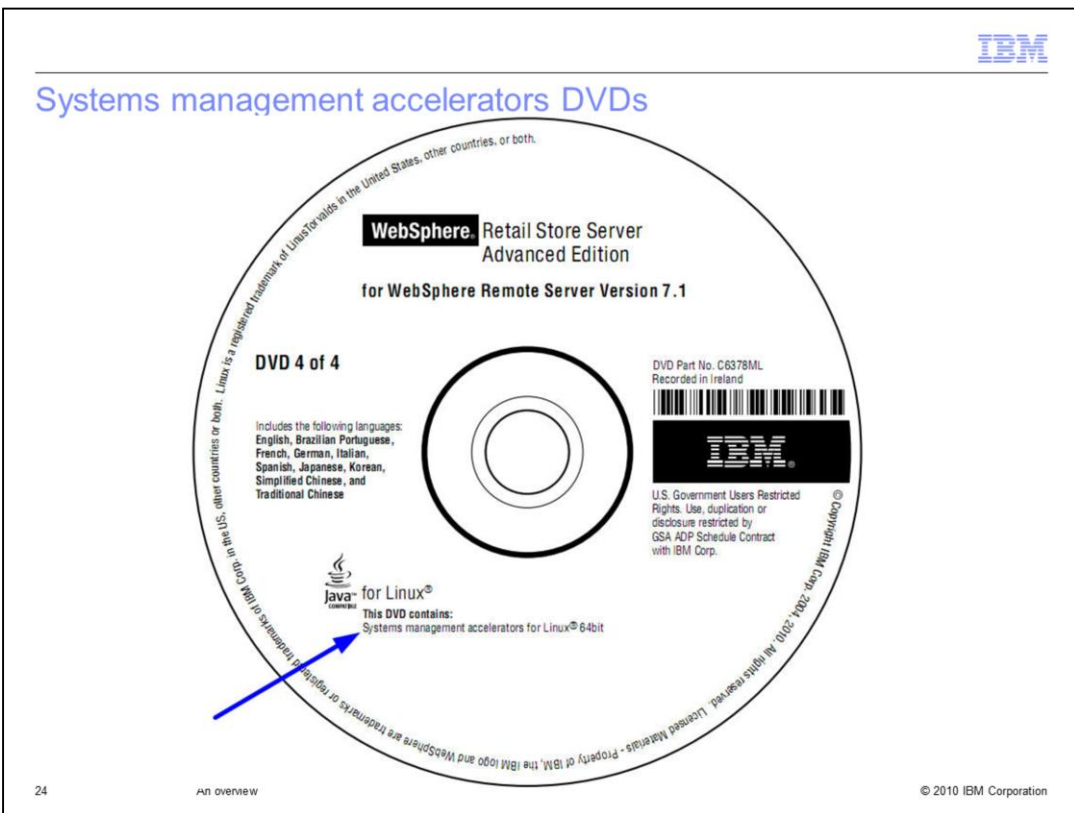
Tivoli software packages are provided for distributing the solution using Tivoli Provisioning Manager. A TPMRMA-bridge utility is provided for distribution of software from Tivoli Provisioning Manager to IBM Remote Management Agent. This provides software distribution capability from the enterprise to devices in the store. IBM Remote Management Agent is not included in WebSphere Remote Server.

Note these Tivoli enhancements are only of use if you have also purchased the Tivoli Monitoring and Provisioning Add On offering.

Log collection scripts are provided to collect log files from the various IBM software products for transmission to IBM customer support.

In V7.1, support was added to the systems management accelerators for 64-bit operating systems.

## Systems management accelerators DVDs



Shown here is an example of a systems management accelerators DVD.

There are four systems management accelerators DVDs included in each of IBM Retail Store Server offerings and in the IBM WebSphere Central Site Server offering. Each DVD targets a particular operating system; Windows 32-bit and 64-bit and Linux for Intel® 32-bit and 64-bit.

Each DVD is labeled with the brand, “WebSphere,” followed by the offering name, for example “Retail Store Server Advanced Edition.”

Near the bottom you will see “This DVD contains System management accelerators for” and the type of operating system.

Use the appropriate DVD for your operating system.



## Migration paths

<b>Operating System</b>	<b>WebSphere Remote Server version that can be migrated to V7.1</b>
<b>SuSE Linux Enterprise Server 10</b>	<b>6.2, 6.2.1, 7.0</b>
<b>Red Hat Enterprise Linux 5.2</b>	<b>6.2.1, 7.0</b>
<b>Windows Server 2003</b>	<b>6.2, 6.2.1, 7.0</b>
<b>Windows Server 2008</b>	<b>7.0</b>
<b>Windows XP Professional Service Pack 2</b>	<b>6.2.1, 7.0</b>
<b>Windows Embedded POSReady 2009</b>	<b>7.0</b>

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Shown here are the migration paths from previous releases of WebSphere Remote Server. Automated migration is provided by the systems management accelerators. You can also perform migration manually using the individual products CDs.

## ***More information***

This section provides links to information centers and support pages of the products included in WebSphere Remote Server.

## Information centers

- **WebSphere Remote Server V7.1**
  - <http://publib.boulder.ibm.com/infocenter/wrshelp/v7r1m0/index.jsp>
- **WebSphere Application Server Network Deployment V7**
  - <http://publib.boulder.ibm.com/infocenter/wasinfo/v7r0/index.jsp>
- **WebSphere MQ V7**
  - <http://publib.boulder.ibm.com/infocenter/wmqv7/v7r0/index.jsp>
- **DB2 V9.7**
  - <http://publib.boulder.ibm.com/infocenter/db2luw/v9r7/index.jsp>
- **Informix Dynamic Server V11.50**
  - <http://publib.boulder.ibm.com/infocenter/idshelp/v115/index.jsp>
- **WebSphere sMash V1.1.1**
  - <http://publib.boulder.ibm.com/infocenter/wsmashin/v1r1m1/index.jsp>
- **IBM Software Assembly Toolkit V3.2.1**
  - <http://publib.boulder.ibm.com/infocenter/satinfo/v3r2/index.jsp>

Shown here are the information centers for each product.

## Support centers

- **IBM WebSphere Remote Server**
  - <http://www.ibm.com/software/webservers/remoteserver/support/>
- **WebSphere Application Server Network Deployment**
  - <http://www.ibm.com/software/webservers/appserv/was/network/>
- **WebSphere MQ**
  - <http://www.ibm.com/software/integration/wmq/support/>
- **DB2**
  - [http://www.ibm.com/software/data/db2/support/db2\\_9/](http://www.ibm.com/software/data/db2/support/db2_9/)
- **Informix Dynamic Server**
  - <http://www.ibm.com/software/data/informix/support/>
- **WebSphere sMash**
  - <http://www.ibm.com/software/webservers/smash/support/>
- **IBM Software Assembly Toolkit**
  - <http://www.ibm.com/isv/ir/softwareassembly/index.html>

Shown here are the support centers for each product.

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