



IBM Workplace Collaborative Learning 2.7 adds support for HP-UX, Linux, AIX, Solaris, and Oracle

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Overview

IBM Workplace Collaborative Learning™ 2.7 now includes support for the following databases and operating systems:

- Databases:
 - Oracle Enterprise Edition 9i Release 2 (9.2.0.5, or greater)
 - Oracle Standard Edition 9i Release 2 (9.2.0.5, or greater)
 - Oracle Enterprise Edition 10g Release 1 (10.1.0.30, or greater)
 - Oracle Standard Edition 10g Release 1 (10.1.0.30, or greater)
 - Oracle Enterprise Edition 10g Release 2
 - Oracle Standard Edition 10g Release 2
- Operating systems:
 - IBM AIX® V5.2 with Maintenance Level 5
 - IBM AIX V5.3 with Maintenance Level 2
 - Sun Solaris 9 with the recommended patch cluster of November 2005 (or later)
 - Sun Solaris 10
 - Microsoft® Windows® 2000 Server with Service Pack 4
 - Microsoft Windows 2000 Advanced Server with Service Pack 4
 - Microsoft Windows Server 2003 Standard Edition with Service Pack 1
 - Microsoft Windows Server 2003 Enterprise Edition with Service Pack 1
 - Microsoft Windows 2003 Enterprise Edition and Standard Edition R2
 - Red Hat Enterprise Linux™ (RHEL) Enterprise Server (ES), Advanced Server (AS), Workstation (WS), and Desktop for x86-32 V3.0 Update 8, V4.0 Update 4
 - SUSE Linux Enterprise Server 9 SP3, 2.6 Kernel for x86.32
 - HP-UX 11i v2 on HP Integrity
 - HP-UX 11i v3 on HP Integrity

Support for operating systems and platforms will be available to active Maintenance customers through the IBM Fix Central at

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

For more information, refer to Software Announcement [207-314](#), dated November 27, 2007.

Planned availability dates

- March 21, 2008: Electronic software delivery
- April 18, 2008: Media and documentation

2 For ordering, contact:

Your IBM representative or the Americas Call Centers at

800-IBM-CALL Reference: YE001

Availability of national languages

Product description	Language	GA date
IBM Workplace Collab Learn V2. 7. 0	Multilingual (English International, Portuguese, French, Danish, Catalan, Russian, Hebrew, Arabic, Thai, Korean, Chinese – Simplified, Ukrainian, Spanish, Portuguese-Brazilian, German, Swedish, Japanese, Chinese – Traditional, Hungarian, Norwegian Nynorsk, Romanian, Slovenian, Greek, Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish)	April 18, 2008
IBM Workplace Collab Learn V2. 7. 0	Multilingual (English International, Portuguese, French, Danish, Catalan, Russian, Hebrew, Arabic, Thai, Korean, Chinese – Simplified, Ukrainian, Spanish, Portuguese-Brazilian, German, Swedish, Japanese, Chinese –	December 21, 2007

Traditional,
Hungarian,
Norwegian
Nynorsk,
Romanian,
Slovenian,
Greek,
Turkish,
Dutch, Czech,
Slovakian,
Italian,
Finnish,
Polish)

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Technical information

Specified operating environment

Hardware requirements:

This information may be updated periodically on the Web. For the latest information, refer to the product information center for IBM Workplace Collaborative Learning™ at

<http://publib.boulder.ibm.com/infocenter/wclhelp/v2r7m0/index.jsp>

Server hardware requirements

Server processor and memory requirements

The following table lists the minimum server processor and memory requirements for each supported server platform:

Server platform	Minimum processor	Minimum RAM
IBM AIX(R)	1.2 GHz Power 4+ processor	4 GB
Linux(TM)	2.0 GHz Pentium(R) 4 or equivalent	4 GB
Microsoft Windows(R)	2.0GHz Pentium 4 or equivalent	4 GB
Sun Solaris	1.28 GHz UltraSparc IIIi or equivalent processor	4 GB
HP-UX	1.6 GHz Itanium 2 Processor	4 GB
IBM System i(TM)	Model 810 2-way (750 MHz) or POWER4(TM) 1.1 GHz or higher	4 GB

Note: The requirements provided are for the default configuration where no external LDAP directories and databases are being used. Contact your IBM representative to determine the capacity requirements for your organization's deployment.

Using the NTFS file system is recommended for Microsoft Windows systems.

Server disk space requirements

Installing IBM WebSphere® Application Server, IBM WebSphere Portal, IBM HTTP Server, IBM Workplace Collaborative Learning, and the back-end databases require a minimum of 17 GB of free disk space. This amount does not include the disk space required to install the database software.

If you use a two-server deployment or a multiple-server network deployment, the server that stores the databases for IBM Workplace Collaborative Learning requires a minimum of 10 GB of free disk space. The server that stores the software components for IBM Workplace Collaborative Learning requires a minimum of 7 GB of free disk space.

Note: To install on IBM AIX, the /usr directory and /tmp directory each require a minimum of 2 GB of free disk space. To install on Linux, the /opt directory and /tmp directory each require a minimum of 2 GB of free disk space. To install on HP-UX, the /opt directory and /tmp directory each require a minimum of 2 GB of free disk space.

Estimating disk space requirements for IBM Workplace Collaborative Learning

The amount of disk space required for the data and indexes that comprise the database for the collaborative learning capabilities depends on the following factors:

- Number of courses
- Number of registered users
- Average courses per user
- Average nodes (course elements) per course

Use the following formulas to estimate the size of the data and indexes in a collaborative learning database.

To estimate the data size (in KB), use this formula:

$$\text{number_of_courses} * (57 + \text{average_nodes_per_course} * 30.4) + \text{number_of_users} * (10 + \text{average_courses_per_user} * (3.8 + \text{average_nodes_per_course} * 1.1))$$

To estimate the index size (in KB), use this formula:

$$\text{number_of_courses} * (12.3 + \text{average_nodes_per_course} * 1.4) + \text{number_of_users} * (1.5 + \text{average_courses_per_user} * (1.6 + \text{average_nodes_per_course} * 0.14))$$

To calculate the required disk space, add the data size to the index size.

Server side network connectivity requirements

The network connectivity requirements are as follows:

- Network adapter and connection to a physical network that can carry IP packets, for example, Ethernet, token ring, ATM, and so on.
- Static IP address with an entry in DNS.
- Configured fully qualified host name. The portal system must be able to resolve an IP address from its fully qualified host name.

To ensure that the host name is correctly configured in DNS, type one of these commands at the command line of another server on the network:

- ping hostname.yourco.com
- nslookup hostname.yourco.com (for use on Microsoft Windows)
- dig hostname.yourco.com (for use on Linux)

Software requirements:

Server software and operating system requirements

This section describes the server software and operating system requirements.

Note: Software marked with a plus sign (+) is shipped with IBM Workplace Collaborative Learning.

Supported server operating systems

One of the following operating systems is required on the server where the IBM Workplace Collaborative Learning Product will be installed:

- IBM AIX V5.2 with Maintenance Level 5
- IBM AIX V5.3 with Maintenance Level 2
- IBM System i5™/OS™ V5R3, V5R4
- Sun Solaris 9 with the Recommended Patch Cluster of November 2005 (or later)
- Sun Solaris 10
- Microsoft Windows 2000 Server with Service Pack 4
- Microsoft Windows 2000 Advanced Server with Service Pack 4
- Microsoft Windows Server 2003 Standard Edition with Service Pack 1
- Microsoft Windows Server 2003 Enterprise Edition with Service Pack 1
- Microsoft Windows 2003 Enterprise Edition and Standard Edition R2
- Red Hat Enterprise Linux (RHEL) Enterprise Server (ES), Advanced Server (AS), Workstation (WS) and Desktop for x86-32 V3.0 Update 8, V4.0 Update 4
- SUSE Linux Enterprise Server 9 SP3, 2.6 Kernel for x86.32
- HP-UX 11i v2 on HP Integrity (64 bit)
- HP-UX 11i v3 on HP Integrity (64 bit)

IBM WebSphere Application Server versions

The following components are being provided with IBM Workplace Collaborative Learning and cannot be substituted:

- IBM WebSphere Application Server Network Deployment V6.0.2.17+

IBM WebSphere Portal version

The following components are being provided with all IBM Workplace Collaborative Learning and cannot be substituted:

- IBM WebSphere Portal Enterprise for Multiplatforms V6.0.1+ and iFix PK46178

Supported databases

The IBM Workplace Collaborative Learning requires one of the following databases running on a supported operating system listed above:

- IBM Cloudscape™ V5.1 (Note: This database is installed by default and can be substituted with any of the other supported databases.)
- IBM DB2 Universal Database® Enterprise Server Edition V8.1 with Fix Pack 14
- IBM DB2 Universal Database Workgroup Server Edition V8.1 with Fix Pack 14
- IBM DB2 Universal Database Enterprise Server Edition V8.2 with Fix Pack 7
- IBM DB2 Universal Database Workgroup Server Edition V8.2 with Fix Pack 7
- IBM DB2 Universal Database Enterprise Server Edition V9.1+ with Fix Pack 1
- IBM DB2 Universal Database Workgroup Server Edition V9.1 with Fix Pack 1
- DB2® for System i V5R3, V5R4
- Oracle Enterprise Edition 9i Release 2 (9.2.0.5, or greater)
- Oracle Standard Edition 9i Release 2 (9.2.0.5, or greater)
- Oracle Enterprise Edition 10g Release 1 (10.1.0.30, or greater)
- Oracle Standard Edition 10g Release 1 (10.1.0.30, or greater)

- Oracle Enterprise Edition 10g Release 2
- Oracle Standard Edition 10g Release 2

Supported HTTP servers

IBM Workplace Collaborative Learning requires one of the following HTTP servers:

- Apache HTTP Server V2.0.49, 2.0.52, 2.0.59
- IBM HTTP Server 2.0.47.1
- IBM HTTP Server V6.0, 6.0.1, 6.0.2, 6.0.2.1
- IBM HTTP Server for System i (Powered by Apache) V5R3, V5R4 (Based on Apache 2.0.58)
- IBM Lotus® Domino® (as Web server 7.0.2, 7.0.1, 6.5.5, 6.5.4)

Domino Enterprise Web Server 6.5.4, 6.5.5, 7.0.1, 7.0.2

- Microsoft IIS 6.0
- Sun ONE Web Server (formerly iPlanet), Enterprise Edition 6.0 with Service Pack 9
- Sun ONE Web Server (formerly iPlanet), Enterprise Edition 6.1 with Service Pack 3

Supported LDAP directory servers

IBM Workplace Collaborative Learning may use one of the following LDAP directory servers:

- IBM Directory Server V5.2, V6.0
- IBM Directory Server — System i V5R3, V5R4
- IBM Lotus Domino Enterprise Server (as LDAP server) V6.5.4, V6.5.5, V7.0.1, V7.0.2
- Microsoft Active Directory 2000
- Microsoft Active Directory 2003
- Novell eDirectory 8.7.3
- Sun ONE Directory Server 5.2 with Service Pack 3

Supported server Java™ Development Kit (JDK)

- JDK 1.4.2 (non-programmable embedded components)

Supported third-party single sign-on (SSO) products for the browser client

- IBM Tivoli® Access Manager V5.1
- IBM Tivoli Access Manager V6.0
- Netegrity Policy Server 5.5, 6.0

Supported proxy servers

- IBM WebSphere Application Server Edge Components V5.0 Fix Pack 2
- Tivoli Access Manager V5.1
- Tivoli Access Manager V6.0

Additional requirements for the collaborative learning capabilities of IBM Workplace Collaborative Learning

To support complete functionality for live classroom sessions, the collaborative learning services require IBM Lotus Virtual Classroom V1.1.1, or later.

Client software and operating system requirements

This section describes the client software and operating system requirements for IBM Workplace Collaborative Learning.

Supported browsers

The following browsers are supported:

- Microsoft Internet Explorer 6.0 with Service Pack 1 and Service Pack 2
- Microsoft Internet Explorer 7.0 with Service Pack 1
- Mozilla Firefox 1.7.13 on Linux
- Mozilla Firefox 1.7.13 on Microsoft Windows
- Mozilla Firefox 1.5.0.7, 2.0 on Microsoft Windows
- Mozilla Firefox 1.5.0.7, 2.0 on Linux
- Netscape 8.1

Planning information

Software Maintenance is included with licenses purchased through Passport Advantage® and Passport Advantage Express. Product upgrades and technical support are provided by the Software Maintenance offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software and technical support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Maintenance with each program license acquired. The initial period of Software Maintenance can be extended by the purchase of a renewal option, if available.

Packaging:

IBM Workplace Collaborative Learning will be distributed via a media package and electronic software distribution (ESD).

IBM Workplace Collaborative Learning media package is distributed in one package with the following:

- IBM Workplace Collaborative Learning software product CDs.
- Prerequisite software CDs.
- Soft copy product documentation including README files are included on the product CDs.
- The License Information form number for Workplace Collaborative Learning is L-DLAU-7AQLDA.

Security, auditability, and control

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

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 unmatched portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support any critical business need.

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

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

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<http://www.ibm.com/software/solutions/isv>

Ordering information

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

Product information

Licensed function title	Product group	Product category
IBM Workplace Collaborative Learning	IBM Workplace	IBM Workplace Collaborative Learning
Program name	PID number	Charge unit description
IBM Workplace Collaborative Learning	5724-I26	Authorized Users

Charge metrics definitions

Authorized user

An authorized user is one and only one individual (named or unnamed) within or outside your enterprise. A PoE must be obtained for each individual user accessing the program in any manner. A program licensed under an authorized user PoE may be installed on a single computer or server, and accessed by multiple users, provided that a PoE has been obtained for each individual user accessing the program either directly or indirectly (via a multiplexing program, device, or application server) through any means on behalf of the user.

Passport Advantage program licenses

IBM Workplace Collaborative Learning

Part description	Part number
IBM Workplace Collaborative Learning Workplace Collab Learning Authorized Users License & SW Maintenance 12 M	D5394LL
Workplace Collab Learning Authorized Users SW Maintenance Annual Renewal	E013ULL
Workplace Collab Learning Authorized Users SW Maintenance Reinstatement	D5395LL

Passport Advantage supply

Program name/description	Part number
IBM Workplace Collab Learn V2.7.0	
IBM Workplace Collab Learn Windows 2000, Windows Server 2003, Windows XP	AFOAXML
IBM Workplace Collaborative Learning HP-UX, Linux, AIX, Solaris	BU038ML

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.

IBM Workplace Collab Learn V2.7.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Workplace Collaborative Learning per	IBM Workplace Collab Learn Multilingual (English)	AFOAXML

Authorized User	International, Portuguese, French, Danish, Catalan, Russian, Hebrew, Arabic, Thai, Korean, Chinese – Simplified, Ukrainian, Spanish, Portuguese-Brazilian, German, Swedish, Japanese, Chinese – Traditional, Hungarian, Norwegian Nynorsk, Romanian, Slovenian, Greek, Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Windows 2000, Windows XP Family, Windows Server 2003 CD ROM Digital Disk – ISO 9660 Standard	
IBM Workplace Collaborative Learning per Authorized User	IBM Workplace Collab Learn Multilingual (English International, Portuguese, French, Danish, Catalan, Russian, Hebrew, Arabic, Thai, Korean, Chinese – Simplified, Ukrainian, Spanish, Portuguese-Brazilian, German, Swedish, Japanese, Chinese – Traditional, Hungarian, Norwegian Nynorsk, Romanian, Slovenian, Greek, Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Red Hat Enterprise Linux ES, SUSE Linux Enterprise Server (SLES), Solaris (Sun Microsystems), Red Hat Desktop, Red Hat Enterprise Linux WS, AIX 5L, V5, Red Hat Enterprise Linux AS, HP-UX 11.x CD ROM Digital Disk – ISO 9660 Standard	BU038ML

Terms and conditions

The terms and conditions for Workplace Collaborative Learning as previously announced in Software Announcement [207-314](#), dated November 27, 2007, are unchanged.

IBM Electronic Services

IBM has transformed its delivery of hardware and software support services to help you achieve higher system availability. Electronic Services is a Web-enabled solution that offers an exclusive, no-additional-charge enhancement to the service and support available for IBM servers. These services are designed to provide the opportunity for greater system availability with faster problem resolution and preemptive monitoring. Electronic Services comprises two separate, but complementary, elements: Electronic Services news page and Electronic Services Agent.

The Electronic Services news page is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

The Electronic Service Agent™ is no-additional-charge software that resides on your server. It monitors events and transmits system inventory information to IBM on a periodic, client-defined timetable. The Electronic Service Agent automatically reports hardware problems to IBM. Early knowledge about potential problems enables IBM to deliver proactive service that may result in higher system availability and performance. In addition, information collected through the Service Agent is made available to IBM service support representatives when they help answer your questions or diagnose problems. Installation and use of IBM Electronic Service Agent for

problem reporting enables IBM to provide better support and service for your IBM server.

Prices

The charges are unchanged by this announcement.

IBM Global Financing

IBM Global Financing offers competitive financing to credit-qualified customers to assist them in acquiring IT solutions. Offerings include financing for IT acquisition, including hardware, software, and services, both from IBM and other manufacturers or vendors. Offerings (for all customer segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or visit

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

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Additional financing related Web site

http://www-1.ibm.com/financing/it_products/software.html

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Note: Shipments will begin after the planned availability date.

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