



Manage and integrate your applications using Web Enablement for IBM @server iSeries

Overview

WebSphere® Application Server Express, V5 can help you build static and dynamic Web sites that run on popular servers.

Small to mid-sized companies and departments of larger organizations can benefit from the power and function of an industry-leading application server and development tool combined with a smaller, up-front investment.

V5 benefits

- Ready to go
 - Create and run a simple dynamic Web site in a tightly integrated and affordable package that includes a Web application server, a development environment based on WebSphere Studio, and wizards and samples that can help reduce costs
 - Boost employee and business professional productivity with a set of integrated applications for iSeries™ customers
- Easy to use
 - Out-of-the-box solution for building static and dynamic Web sites
 - Quick, wizard-driven installation
 - One-click application assembly and deployment that can help improve productivity
 - Browser-based interface that can help minimize administration requirements

- Migration ready
 - Investment enhancement as you grow to other WebSphere Application Server and WebSphere Studio V5 configurations when more advanced development and deployment capabilities are required
 - Leverage your investment through a discount when you are ready to upgrade

Planned availability date

June 11, 2004

At a glance

WebSphere Application Server Express is a lower-risk, affordable out-of-the-box entry into e-business.

You receive the tools necessary to create and run a simple yet dynamic Web site, featuring:

- Support for the Software Development Kit (SDK) for Java™ Technology Edition 1.4 (V5R1)
- Help with integrating applications
- Additional security with Web server security plug-ins that allow you to separate your Web server from your application server
- Browser-based interface for near-zero administration

For ordering, contact:

Your IBM representative, an IBM Business Partner, or the Americas Call Centers at

800-IBM-CALL

Reference: AE001

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Description

Web Enablement for iSeries delivers:

- WebSphere Application Server — Express for iSeries, V5.0
- WebSphere Application Server — Express for iSeries, V5R1

WebSphere Application Server — Express for iSeries is a premier Java and Web services technology-based application platform. It integrates enterprise data and transactions with the dynamic e-business world. The rich e-business application deployment environment of iSeries technology is merged with a set of application services and capabilities for:

- Transaction management
- Security
- Performance
- Availability
- Connectivity
- Scalability

It manages and integrates enterprise-wide applications and leverages open technologies and APIs.

These enhancements solidify the iSeries server role as an integrator for a WebSphere software platform. Industry-leading integrated support for key Web services open standards enables the iSeries server as a production-ready Web application server for the deployment of enterprise Web services solutions for dynamic e-business.

WebSphere Application Server — Express for iSeries provides a tight integration with the iSeries HTTP server through an easy-to-use Web-based GUI. Wizards allow for easy configuration of multiple application servers and deployment of applications. The wizards allow for easy configuration of HTTP servers and access to iSeries databases.

Based on the latest Java and Web services standards, you can convert static Web sites into dynamic Web sites by viewing and performing simple information updates in back-end databases.

You also can consume Web services and resources to integrate with packaged applications. When more advanced development and deployment capabilities are needed, WebSphere Application Server — Express offers smooth migration to other WebSphere Application Servers.

The key advantage of WebSphere Application Server — Express for iSeries V5R1 over V5 is the support for the SDK for Java Technology Edition 1.4. SDK 1.4 support enables you to use Java technology to develop more demanding business applications easier and faster.

IBM Business Solutions V1, delivered with 5722-SS1, provides enterprise Web applications for iSeries servers. Each application is an integrated solution to a common business need that works in conjunction with your existing applications, server components, and enterprise data. They demonstrate the value of integrated e-business solutions, increase worker productivity, provide services that virtually any business may find useful, and are easy to understand and use. This is where the IBM Telephone Directory now resides.

The development tools, WebSphere Development Studio Client for iSeries, are not included in Web Enablement for iSeries.

Web Enablement for iSeries is included on every iSeries OS/400® order. Web Enablement can be removed from your order.

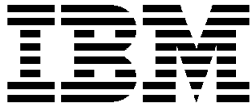
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IBM US Announcement Supplemental Information

May 4, 2004

Offering information

Product information is available through the Offering Information Web site at

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

Technical information

Hardware requirements: Systems that do not meet the recommended minimums may be used in environments that support a limited number of users and where longer server initialization times can be tolerated.

Models/CPU/memory

- Recommended minimum server models:
 - iSeries™ Model 270 with processor feature (#2250)
 - iSeries Model 820 with processor feature (#2395)
 - iSeries Model 800 with processor feature (#2463)
 - iSeries Model 520 with processor feature (#8950)
 - iSeries Model 570 with processor feature (#8961)
- 300 CPW (recommended minimum).
- 768 MB of memory (recommended minimum) — If the Web Administration GUI included in the IBM HTTP Server for iSeries is not used to administer application servers and HTTP servers, then 512 MB is the minimum required. However, it is recommended to use the Web Administration GUI because of its tight integration with WebSphere® Application Server — Express, and for the ease-of-use wizards for server configuration and administration.

Note: These requirements represent the recommended minimum requirements. Deployments that must support more than a limited number of users or require shorter response times, may require additional resources. Deployments on smaller configurations may be possible for very light applications, or where longer response times and longer start-up times are acceptable.

Additional requirements:

- Available iSeries DASD for WebSphere Application Server — Express, 785 MB (recommended minimum)
- Communications adapter that supports TCP/IP
- Use the AS/400® Workload Estimator for help with sizing all system configurations

<http://as400service.ibm.com/estimator>

Workstation hardware requirement: Workstation capable of supporting a Web browser

Software requirements

- OS/400® V5R3 to install and run WebSphere Application Server — Express for iSeries.

- IBM Developer Kit for Java™, V1.3 (option 5), for WebSphere Application Server — Express for iSeries, V5.0.
- IBM Developer Kit for Java, V1.4 (option 6), for WebSphere Application Server — Express for iSeries, V5R1.
- OS/400 Qshell Interpreter (5722-SS1 option 30) for using the scripts included with the product.
- IBM TCP/TP Connectivity Utilities for iSeries to configure and run WebSphere Application Server.
- HTTP server to support requests for servlets and JSP resources managed by WebSphere Application Server and for SSL protocol. The internal HTTP server can optionally be used for the administration console. The following HTTP servers are supported:
 - HTTP Server (powered by Apache) is available via 5722-SS1 as a licensed program
 - Lotus® Domino™ for iSeries HTTP Server
- OS/400 Digital Certificate Manager (5722-SS1 option 34) for protocol for the connection between the HTTP server (powered by Apache) and the WebSphere Application Server.
- Cryptographic Access Provider (5722-AC3) for SSL protocol with PTFs SI06962 (V5R1), SI06963 (V5R2).

Workstation software requirements for WebSphere Application Server — Express for iSeries

- Web browser that supports HTML 4 and CSS
- TCP/IP must be installed and running on your workstation

Planning information

Packaging: IBM Web enablement is distributed on a CD.

Security, auditability, and control

Web Enablement for iSeries uses the security and auditability features of OS/400.

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

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Ordering information

IBM Web Enablement for iSeries (5722-WE1)

Charge features

Initial order

	Flat Fee OTC ¹
5722-WE1	
Web Enablement	1467

¹ One-time charge

Special delivery features

	Feature number
Expedite — Customer Expense	3446

Expedite shipments will be processed to receive 72-hour delivery from the time IBM Software Delivery and Fulfillment (SDF) receives the order. SDF will then ship the order via overnight air transportation.

Language features

	Feature number
English U/L SBCS Primary	2924
English U/C DBCS Primary	2938
English U/L DBCS Primary	2984

Supply features

	Feature number
V5R3 WebEnable Supply	5829

Other features

	Feature number
ePoE V5R3 Reg OTC	2001

Customization options: Select the appropriate feature numbers to customize your order with delivery options desired. These features can be specified on the initial or MES orders.

Example: If publications are not desired for the initial order, specify feature number 3470 to ship media only. For future updates, specify feature number 3480 to ship media updates only. If, in the future, publication updates are required, order an MES to remove feature number 3480; then, the publications will ship with the next release of the program.

Description	Feature number
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Initial Shipments

Ship media only (suppresses initial shipment of documentation)	3470
Ship documentation only (suppresses initial shipment of media)	3471

Terms and conditions

Agreement

Electronic Proof of Entitlement (ePoE): Effective June 11, 2004, Web Enablement for iSeries will have an ePoE record created. The ePoE record will replace the printed Proof of Entitlement (PoE) document, which has been in use for these products.

An ePoE will be created for new software orders for which entitlement is purchased for V5R1/2/3. Examples of such iSeries orders for entitlement record creation are:

1. Initial software program purchase
2. Additional user or processor purchase
3. The move to a higher level processor tier

Customers wishing to access their software ePoE data records must first register with IBM at the following Web site

<http://www.ibm.com/account/registration/selfreg>

After a Web ID is obtained via IBM registration, customers can then access their software ePoE data records at the following Web site

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

ePoE record data can be accessed to view or print for local use, transfer to another system within the enterprise, or update customer information such as hardware serial number on which the entitlement is installed. For V5R1 or V5R2 products purchased prior to June 11, 2004, the capability to transfer those products outside the enterprise will continue to require a hard copy PoE. For products purchased after June 11, 2004, an ePoE will only be available. All V5R3 entitlement records will be via ePoE only.

Licensing: IBM International Program License Agreement. Proofs of Entitlement are required for all authorized use.

This software license includes Software Maintenance, previously referred to as Software Subscription and Technical Support.

The following agreements apply for maintenance and do not require customer signatures:

- IBM Agreement for Acquisition of Support (Z125-6011)
- Addendum for Support (Software Maintenance) for Select iSeries and pSeries® Programs (Z125-6495)

Limited warranty: Yes

Program services

Warranty: This program has warranty for a minimum of one year from acquisition from IBM or authorized Business Partner. The warranty provided to the customer, for at least one year from acquisition, is access to databases (read Web sites) for program information, FAQs, including any known fixes to defects, which you can download or obtain otherwise and install when convenient.

Copy and use on home/portable computer: No

Volume orders (IVO): Yes, contact your IBM representative.

Passport Advantage® applies: No

IBM Global Financing

Usage restriction: Yes

Web Enablement for iSeries license entitlements are transferable only with the specific machine to which it was originally licensed and installed. Web Enablement for iSeries license entitlements are not transferable from one machine to another even within the same customer Enterprise.

Software Maintenance applies: Yes

IBM operational support services — SoftwareXcel: No

AIX® /UNIX® upgrade protection applies: No

Entitled upgrade for current AIX/UNIX upgrade protection licensees: No

iSeries Software Subscription applies: No

Variable charges apply: No

Educational allowance available: Yes, 15% education allowance applies to qualified education institution customers.

Prices

IBM Web Enablement for iSeries (5722-WE1)

Initial order

Description	Feature number	Flat fee OTC
Web Enablement	1467	\$0

Special delivery features

	Feature number	Charge
Expedite — Customer Expense	3446	\$30

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Note: Shipments will begin after the planned availability date.

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