

## WebSphere Business Integration Server Foundation - Supported Prerequisites

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This page describes the minimum product levels you should have installed before opening a problem report with the WebSphere Business Integration Server Foundation support team. Because other products frequently ship fixes, updates, and new releases, we cannot test every possible configuration. In general, you can install and run with updates to supported products if those updates are forward compatible. For additional information on available support for configurations that do not appear in the following list, [click here](#).

### 5.1.1 WebSphere Business Integration Server Foundation

+ Product is included with this WebSphere edition

Operating Systems (Required) See Footnote 2.	WebSphere Business Integration Server Foundation platform:									Notes
	Win 2000	Win 2003	AIX	HP	Sun	Linux Intel	Linux S/390 zSeries	Linux iSeries pSeries	z/OS	
AIX 5.1 with Recommended Maintenance package 5100-04 or 5100-05			X							Requires AIX PTF U484272
AIX 5.2 with Recommended Maintenance package 5200-01 + APAR IY44183, 5200-02, 5200-03			X							Requires AIX PTF U484272
AIX 5L version 5.3 + APAR			X							1) Requires WAS PTF PK01428 2) This certification applies to all hardware models and

PK01428										configurations officially supported by AIX 5L version 5.3, including configurations leveraging Micro-partitioning. For a list of hardware models and configurations officially supported by AIX 5L version 5.3, please refer to the AIX 5L release notes at the eServer Information Center located at <a href="http://publib.boulder.ibm.com/infocenter/pseries/index.jsp">http://publib.boulder.ibm.com/infocenter/pseries/index.jsp</a>
HP-UX 11iv1 with Quality Pack of December 2003				X						Patch PHCO_29109 is required for Java
Red Hat Enterprise Linux WS/ES/AS for Intel 2.1 or 2.1 Update 3						X				
Red Hat Enterprise Linux WS/ES 3.0 Update 1 or Update 3.0						X				Please reference technote <a href="#">#1164634</a> before installation
Red Hat Enterprise Linux AS 3.0 Update 1 or Update 3.0						X	X	X		Please reference technote <a href="#">#1164634</a> before installation
Red Hat Enterprise Linux ES 4.0						X				
Red Hat Enterprise Linux AS 4.0						X	X	X		
Solaris 8 with the Recommended					X					

Patch Cluster of November 2003										
Solaris 9 with the Recommended Patch Cluster of November 2003					X					
UnitedLinux 1.0							X	X		-- All Linux distributions powered by UnitedLinux 1.0 for zSeries, pSeries and iSeries are supported -- 64-bit hardware support only on Linux for iSeries and pSeries
SuSE Linux Enterprise Server 8 powered by UnitedLinux 1.0							X	X		
Turbolinux Enterprise Server 8 powered by UnitedLinux 1.0							X	X		
UnitedLinux 1.0 SP2a						X				
SuSE Linux Enterprise Server 8 powered by UnitedLinux 1.0 SP2a						X				
Turbolinux Enterprise Server 8 powered by UnitedLinux 1.0 SP2a						X				







Web Servers (required)	WebSphere Business Integration Server Foundation platform:									Notes
	Win 2000	Win 2003	AIX	HP	Sun	Linux Intel	Linux S/390 zSeries	Linux iSeries pSeries	z/OS	
Apache Server 1.3.28	X	X	X	X	X	X	X	X	X	-- IBM provides plug-in binaries for the Apache Web server on AIX, HP, Linux, Solaris, and Windows -- z/OS interoperates with this off platform Web server
Apache Server 2.0.47	X	X	X	X	X	X	X	X	X	-- IBM provides plug-in binaries for the Apache Web server on AIX, HP, Linux, Solaris, and Windows -- z/OS interoperates with this off platform Web server
Covalent Enterprise Ready Server 1.4 (based on Apache 1.3.28)	X	X	X	X	X	X			X	-- z/OS interoperates with this off platform Web server
Covalent Enterprise Ready Server 2.3.2 (based on Apache 2.0.42)	X	X		X	X	X			X	-- z/OS interoperates with this off platform Web server
Covalent Enterprise Ready Server 2.4 (based on Apache 2.0.48)	X	X		X	X	X			X	-- z/OS interoperates with this off platform Web server
Covalent Enterprise Ready Server FastStart Edition 2.3.2 (based on Apache 2.0.42)	X	X		X	X	X			X	-- z/OS interoperates with this off platform Web server
Covalent FastStart Server 2.2 (based on Apache 1.3.27)	X		X	X	X	X			X	-- z/OS interoperates with this off platform Web server
IBM HTTP Server 1.3.28	X	X	X	X	X	X	X	X		-- IBM provides plug-in binaries for the IHS Web server on AIX, HP, Linux, Solaris, and Windows -- HP patch PHSS_26946 is required
+ IBM HTTP Server 1.3.28.1	X	X	X	X	X	X	X	X		-- IBM provides plug-in binaries for the IHS Web server on AIX, HP, Linux, Solaris, and Windows -- HP patch PHSS_26946 is required

IBM HTTP Server 2.0.42.2	X	X	X	X	X	X	X	X		--Please reference technote <a href="#">#1160581</a> before installation -- IBM provides plug-in binaries for the IHS Web server on AIX, HP, Linux, Solaris, and Windows
IBM HTTP Server 2.0.47	X	X	X	X	X	X	X	X		-- IBM provides plug-in binaries for the IHS Web server on AIX, HP, Linux, Solaris, and Windows -- HP patch PHSS_26946 is required
+ IBM HTTP Server 2.0.47.1	X	X	X	X	X	X	X	X		-- IBM provides plug-in binaries for the IHS Web server on AIX, HP, Linux, Solaris, and Windows -- HP patch PHSS_26946 is required
IBM HTTP Server for z/OS									X	Ships with the z/OS operating system
Internet Information Services 4.0, 5.0 or 6.0	X	X	X	X	X	X	X	X	X	-- IBM provides plug-in binaries for the IIS Web server on Windows -- z/OS interoperates with this off platform Web server
Lotus Domino Enterprise Server 5.0.12	X	X	X	X	X	X	X	X		IBM provides plug-in binaries for the Lotus Domino Web server on AIX, HP, Solaris, and Windows
Lotus Domino Enterprise Server 6.0.2, 6.0.3 or 6.5.1	X	X	X	X	X	X	X	X		IBM provides plug-in binaries for the Lotus Domino Web server on AIX, HP, Solaris, and Windows
Sun ONE Web Server, Enterprise Edition 6.0 SP2, SP5 or SP7	X	X	X	X	X	X	X	X		IBM provides plug-in binaries for the Sun One Web server on AIX, HP, Solaris, and Windows
Sun ONE Web Server, Enterprise Edition 6.1 SP1	X	X	X	X	X	X	X	X		---Support is provided, if at all, for the HTTP server functionality of this server only – Reference Tech Note <a href="#">#1171754</a> before installation -- IBM provides plug-in binaries for the Sun One Web server on AIX, HP, Solaris, and Windows



	Databases and Transaction Managers	WebSphere Business Integration Server Foundation platform:								Notes	
		Win 2000	Win 2003	AIX	HP	Sun	Linux Intel	Linux S/390 zSeries	Linux iSeries pSeries		z/OS
	CICS 1.3, 2.2 or 2.3									X	
	Cloudscape 5.1.33	X	X	X	X	X	X	X	X	X	-- Available for samples and development -- Can be used for production with the appropriate license
+	Cloudscape 5.1.60.5	X	X	X	X	X	X	X	X	X	-- Available for samples and development -- Can be used for production with the appropriate license
	DB2 for z/OS v7	X	X	X	X	X	X	X		X	Requires DB2 Connect except on the z/OS platform
	DB2 for z/OS v8	X	X	X	X	X	X	X		X	Requires DB2 Connect except on the z/OS platform
	DB2 for iSeries 5.1 or 5.2	X	X	X	X	X	X	X	X		
	DB2 Connect 7.2 FP11 or FP12	X	X	X	X	X	X	X	X		
	DB2 Enterprise Edition 7.2 FP11 or FP12	X	X	X	X	X	X	X	X		
	DB2 Workgroup Edition 7.2 FP11 or FP12	X	X	X	X	X	X	X	X		
	DB2 Connect 8.1 FP4a or FP5	X	X	X	X	X	X	X	X		
	DB2 Enterprise Server Edition 8.1 FP4a	X	X	X	X	X	X	X	X		
	DB2 Enterprise Server Edition 8.1 FP5 or FP7	X	X	X	X	X	X	X	X		
	DB2 Enterprise Server Edition 8.2	X	X	X	X	X	X	X	X		
	DB2 Workgroup Server Edition 8.1 FP4a or FP5	X	X	X	X	X	X	X	X		
	DB2 Information Integrator 8.1	X	X	X	X	X	X				

FP4a or FP5											
IMS v8										X	
Informix Dynamic Server 9.3	X		X	X	X	X					Requires Informix JDBC driver
Informix Dynamic Server 9.4	X	X	X	X	X	X					Requires Informix JDBC driver
Oracle 8i Standard/Enterprise Release 3 - 8.1.7.4	X	X	X	X	X	X					
Oracle 9i Standard/Enterprise Release 2 - 9.2.0.3 or 9.2.0.4	X	X	X	X	X	X	X				Not certified on IBM zSeries base Linux
SQL Server Enterprise 2000 SP 3a	X	X	X	X	X						See JDBC Driver Manager section
Sybase Adaptive Server Enterprise 12.0	X	X	X	X	X						Requires jConnect 5.2 EBF 10635 or later
Sybase Adaptive Server Enterprise 12.5.0.3	X	X	X	X	X	X					Requires jConnect 5.2 EBF 10635 or later

JDBC Driver Managers For drivers types, see <a href="#">Footnote 1</a>	WebSphere Business Integration Server Foundation platform:									Notes	
	Win 2000	Win 2003	AIX	HP	Sun	Linux Intel	Linux S/390 zSeries	Linux iSeries pSeries	z/OS		
Application Connectivity to DB2 for z/OS feature										X	DB2 stand-alone type 4 XA Universal JDBC driver
Data Direct Sequelink 5.4	X	X	X	X	X	X	X	X			Supports SQL Server Enterprise Edition
+ IBM WebSphere embedded Sequelink 5.4	X	X	X	X	X	X	X	X			Supports SQL Server Enterprise Edition
Data Direct Connect JDBC 3.3	X	X	X	X	X	X	X				Supports SQL Server Enterprise Edition
+ IBM WebSphere embedded Connect JDBC 3.3	X	X	X	X	X	X	X				Supports SQL Server Enterprise Edition
DB2 Universal JDBC Driver 1.5	X	X	X	X	X	X	X	X			-- Included with DB2 8.1 FP4a -- WebSphere / SQLJ applications require DB2 UDB v8.1 clients -- Currently no JTA/XA support in type 4 driver, for JTA/XA use the universal JDBC type 2 driver
DB2 Universal JDBC Driver 1.9	X	X	X	X	X	X	X	X			-- Included with DB2 8.1 FP5 -- WebSphere / SQLJ applications require DB2 UDB v8.1 clients -- Currently no JTA/XA support in type 4 driver, for JTA/XA use the universal JDBC type 2 driver
DB2 Universal JDBC Driver v7 (PQ80841)										X	
DB2 Universal JDBC Driver v8										X	
DB2 Legacy CLI Base JDBC Driver	X	X	X	X	X	X	X	X			
DB2 Legacy for z/OS JDBC Driver v7										X	
DB2 Legacy for z/OS JDBC Driver v8										X	
Informix JDBC Driver 2.21	X	X	X	X	X	X					

Microsoft SQL Server 2000 JDBC Driver 2.2.0029	X	X	X	X	X	X	X			Supports SQL Server Enterprise Edition
Oracle JDBC Driver	X	X	X	X	X	X	X	X		
OS/400 Java Toolbox JDBC Driver 4.1	X	X	X	X	X	X	X	X		
Sybase jConnect 5.2 EBF 10635	X	X	X	X	X	X				





<b>C++ Compilers</b> (required for C++ development)	<b>WebSphere Business Integration Server Foundation platform:</b>									<b>Notes</b>
	<b>Win 2000</b>	<b>Win 2003</b>	<b>AIX</b>	<b>HP</b>	<b>Sun</b>	<b>Linux Intel</b>	<b>Linux S/390 zSeries</b>	<b>Linux iSeries pSeries</b>	<b>z/OS</b>	
IBM VisualAge C++ Professional 6.0			X							
HP C++ Softbench 6.6				X						
Microsoft Visual C++ 6.0 SP3	X	X								
Sun Forte C++ 6 update 2					X					
GCC 2.95.3						X	X			
GCC 3.2.2							X	X		
<b>Security</b>	<b>WebSphere Business Integration Server Foundation platform:</b>									<b>Notes</b>
	<b>Win 2000</b>	<b>Win 2003</b>	<b>AIX</b>	<b>HP</b>	<b>Sun</b>	<b>Linux Intel</b>	<b>Linux S/390 zSeries</b>	<b>Linux iSeries pSeries</b>	<b>z/OS</b>	
Tivoli Access Manager 4.1.0.2 or 5.1 -- For trust association	X	X	X	X	X	X	X	X	X	

**Footnotes:**

1. Supported JDBC driver types:

<b>Vendor</b>	<b>Driver</b>	<b>Type</b>	<b>Remarks</b>
<b>IBM</b>	DB2/CLI	2	
	DB2/Universal	2, 4	
	OS/400 Toolbox 4.1	4	
	OS/400 Native	2	

<b>Data Direct</b>	Sequelink 5.4	3	
<b>Data Direct</b>	Connect JDBC 3.3	4	
<b>Oracle</b>	OCI	2	Requires ojdbc14.jar
	Thin	4	Requires ojdbc14.jar
<b>Informix</b>	2.21 JC5	4	
<b>Microsoft</b>	SQL Server 2000	4	
<b>Sybase</b>	jConnect 5.2	4	

2. For AIX Power PC, Solaris SPARC, and HP-UX PA-RISC platforms, WebSphere Application Server has been tested as a 32-bit application on a 32-bit kernel and on 64-bit machines booted with 64-bit kernels; however, 64-bit mode is not exploited.

3. For SLES9 / ZLinux platform, WebSphere Business Integration Server Foundation Server has been tested as a 31-bit application on 64-bit machines booted with a 64-bit kernel; however, 64-bit mode is not exploited.