

APPLICATION SERVERS

COMPANY	PRODUCT	OPEN-SOURCE LICENSE AVAILABLE?	WEB SERVICES AND SERVICE-ORIENTED ARCHITECTURE SUPPORT	DEVELOPMENT ARCHITECTURE	DYNAMIC/SCRIPTING LANGUAGES SUPPORTED	PRICE
ADOBE SYSTEMS INC. San Jose, Calif. www.adobe.com (408) 536-6000	JRun Server 4	No	Basic Web services support (SOAP, WSDL, UDDI); also supports Axis	J2EE 1.4	None directly supported	Government pricing starts at \$899 for one CPU
APACHE SOFTWARE FOUNDATION Forest Hill, Md. www.apache.org	Apache Geronimo (with Tomcat or Jetty)	Yes (ASF license)	Web services through Apache Axis	J2EE 1.4	None directly supported	Free; commercial support available from vendors
BEA SYSTEMS INC. San Jose, Calif. www.bea.com (408) 570-8000	WebLogic Server 9.2	No	Web services implementation; SOA elements, including enterprise service bus through AquaLogic	J2EE 1.4	PHP support coming	Contact vendor
BORLAND SOFTWARE CORP. Cupertino, Calif. www.borland.com (408) 863-2800	Borland AppServer 6.6	No	Web services based on Apache Axis, includes OpenJMS for messaging, integrates with CORBA environments	J2EE 1.4	None directly supported	Contact vendor
CAUCHO TECHNOLOGY INC. La Jolla, Calif. www.caucho.com (858) 456-0300	Resin Professional Application Server V. 3.0	GNU General Public License open-source edition available	Web services through Hessian binary Web services protocol for PHP (clients using .NET, C#, Objective C, Ruby, Java and the J2EE Spring framework)	J2EE 1.4, EJB 3.0, PHP	PHP	\$500, including Resin 2.x or 3.x and one year of upgrades; \$300 for annual maintenance; \$3,000 for annual Platinum support for up to 10 servers
IBM CORP. White Plains, N.Y. www.ibm.com (888) 839-9289	IBM WebSphere Application Server 6.1	No (open-source Community Edition is free)	Web services support through WS-Basic and other Web Services Interoperability Organization standard support; SOA supported through WebSphere ESB and WebSphere application server network deployment	J2EE 1.4, Java 2 Standard Edition 5.0; can reuse C++ and CORBA assets	None directly supported	Starts at \$4,000 for a single-server license and 12 months support; contact vendor for GSA pricing
JBoss, A DIVISION OF RED HAT Atlanta www.jboss.com (202) 654-7000	JBoss	yes (GNU Lesser General Public License)	SOA support through SEAM 1.0, JBoss Web Services	Java Enterprise Edition, EJB 3.0	Drools rules language	Contact vendor for subscription and support pricing; software itself is freely downloadable and redistributable
MICROSOFT CORP. Redmond, Wash. www.microsoft.com (425) 882-8080	Microsoft .NET Enterprise Servers (Windows Server 2003, BizTalk 2002, Microsoft Commerce Server, Microsoft Connected Services framework)	No	Yes, through .NET framework and BizTalk	.NET (C#, Visual Basic.Net)	Third-party language support through CLR; Python	Varies with configuration; .NET platform integrated with Microsoft Windows Server 2003
NOVELL INC. Provo, Utah www.novell.com (801) 861-7000	exteNd Application Server 5.2	No	Web services integration with legacy systems through exteNd Director	J2EE 1.3	None directly supported	Starts at \$60,000 for one CPU (bundled with exteND Composer Enterprise 5.2)
OBJECTWEB CONSORTIUM Inria, France http://jonas.objectweb.org	JOAS 4.7.4	Yes (LGPL)	Web Services supported through Java Enterprise Web Services 1.1 compliance	J2EE 1.4, EJB 3.0	None directly supported	Free; commercial support available from a number of vendors, including Red Hat
ORACLE CORP. Redwood Shores, Calif. www.oracle.com (650) 506-7000	Oracle 10g Application Server	No	Supports Web services and SOA implementation and management via Oracle Fusion suite	J2EE 1.3 or 1.4, EJB 3.0	None directly supported	Contact vendor; free download of Standard Edition
PROGRESS SOFTWARE CORP. Bedford, Mass. www.progress.com (781) 280-4000	OpenEdge Release 10 Progress	No	Web services and elements of SOA with SonicMQ messaging, and Sonic ESB	OpenEdge 4GL (integrates with .NET and Java)	OpenEdge 4GL	Contact vendor
SUN MICROSYSTEMS INC. Santa Clara, Calif. www.sun.com (650) 960-1300	GlassFish (Sun Java System Application Server 9 Platform Edition)	Yes (CDDL)	Web services supported as objects in Java EE 5; open ESB starter kit for SOA support	Java Enterprise Edition 5, EJB 3.0	Groovy	Free download; contact vendor for support pricing
	Java System Application Server Enterprise Edition 8.1	No	WS-Basic implementation, Java Web services kit, SOA support through JAX, WS-Basic support and Java System Message Queue	J2EE 1.4	None directly supported	Starts at \$10,000 per CPU; annual support starts at \$2,004