



IBM WebSphere DataPower Appliances firmware V5.0 adds support for extended memory, OAuth 2.0, and enhanced governance and SLA management features

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At a glance

WebSphere® DataPower® Appliances help you:

- Improve competitiveness by strengthening business connectivity with partners and customers, and between internal organizations
- Streamline seemingly complex highly valuable service-oriented architecture (SOA) and XML applications with specialized, low total cost of ownership, and drop-in appliances
- Intelligently distribute and manage workloads across your infrastructure
- Extend existing Microsoft™ and TIBCO infrastructure with security, integration, and connectivity
- Leverage z/OS® infrastructure as part of your SOA enterprise
- Shorten SOA application deployment times when using DataPower configuration-driven simplicity
- Enhance business-to-business (B2B) connectivity, protection, XML-level security, web application protection, and web service access control with powerful and thoughtful appliance security features
- Accelerate message distribution, and XML and web services processing with dedicated, high-performance capabilities
- Assist in governing ever-valuable SOA infrastructure by adopting standardized run-time control points through DataPower
- Comply with US federal IPv6 network

Overview

WebSphere DataPower firmware V5.0 adds the following new features and enhancements:

- Enhanced processing power with extended memory support, allowing large message processing on XG45, XI52, XI50B, and XB62
- Extended security capabilities to Web 2.0 and mobile applications with support for OAuth 2.0
- Enhanced centralized service governance and service level agreement (SLA) management with support for automatic policy synchronization and enforcement between WebSphere DataPower appliances and WebSphere Services Registry and Repository
- Enhanced service level monitoring with support for accurate peering, multiple SLM actions within a processing policy, output enhancement, and dynamic update support

- Application optimization with enhanced load balancing and intelligent load distribution across multiple appliances on XG45 (requires Option for Application Optimization)
- Support for B2B transaction visibility using SOAP (XB60 and XB62 only)
- Enhanced B2B Transaction Viewer resend capabilities (XB60 and XB62 only)

WebSphere Appliance Management Center for WebSphere Appliances is available at no charge, along with defect correction entitlement for those licensed users entitled to service for supported WebSphere DataPower SOA appliances.

WebSphere Appliance Management Center for WebSphere Appliances delivers the following:

- Helps improve administrator productivity and reduce time to benefit with a streamlined user interface, task flow, and a simplified, smaller and faster installation
- Helps increase management flexibility and reduce impact to production systems with support for appliances and domains in multiple groups; adds the ability to manage configuration of individual services on WebSphere DataPower SOA appliances
- Includes the IBM® Tivoli® Composite Application Manager (ITCAM) Agent for WebSphere DataPower Appliance, enabling you to monitor WebSphere DataPower SOA appliances
- Adds firmware management and monitoring support for WebSphere DataPower SOA appliances
- Some methods for performing tasks currently available in WebSphere Appliance Management Center 4.0 are not available in this WebSphere Appliance Management Center for WebSphere Appliances. A TechNote describing alternative ways to achieve the tasks will be published when WebSphere Appliance Management Center is available.

Key prerequisites

DataPower models XG45, XI52, XI50B, or XB62 (extended memory support)

Planned availability date

June 26, 2012: Electronic availability

July 19, 2012: Physical availability (7198, 7199, and 4195 models)

Description

WebSphere DataPower Appliances help simplify, govern, and enhance the security of XML and IT services. The products in the DataPower portfolio can extend the capabilities of your infrastructure by providing SOA and B2B connectivity and security gateway functions. By offering an innovative, pragmatic approach to harness the power of SOA as purpose-built, easy-to-consume, and easy-to-use products, these appliances help you leverage the value of your existing infrastructure investments. The WebSphere DataPower Appliance family includes:

- WebSphere DataPower Service Gateway XG45
- WebSphere DataPower Integration Appliance XI52
- WebSphere DataPower Integration Blade XI50B
- WebSphere DataPower B2B Appliance XB62

Option for Application Optimization

Option for Application Optimization can be factory installed on the XG45 or by MES.

WebSphere Appliance Management Center for WebSphere Appliances

WebSphere Appliance Management Center for WebSphere Appliances helps you to manage and monitor multiple WebSphere DataPower appliances. It can simplify the management of multiple WebSphere DataPower appliances by giving you the ability to centrally manage appliance firmware and configurations, and monitor key metrics and events from groups of appliances.

Supported appliances

Firmware: V3.8.0, or later

- WebSphere DataPower XML Accelerator XA35 (9235 model only)
- WebSphere DataPower XML Security Gateway XS40 (9235 model only)
- WebSphere DataPower Integration Appliance XI50 (9235 model only)
- WebSphere DataPower Integration Blade XI50B
- WebSphere DataPower Integration Appliance XI50 for zEnterprise™
- WebSphere DataPower B2B Appliance XB60
- WebSphere DataPower Low Latency Appliance XM70
- WebSphere DataPower Service Gateway XG45
- WebSphere DataPower Integration Appliance XI52
- WebSphere DataPower B2B Appliance XB62

Firmware: V1.0

WebSphere DataPower Edge Appliance XE82

Supported installations platforms:

- AIX® 6.1 and 7.1 (64-bit)
- Red Hat Enterprise Linux™ 5 and 6 (System z/x86-64)
- SUSE Linux Enterprise Server 10/11 (System z/x86-64)
- Microsoft Windows™ Server 2008 (x86-64)
- Windows Server 2008 R2 (x86-64)

WebSphere Appliance Management Center for WebSphere Appliances can be downloaded after June 26, 2012, at

<http://www.ibm.com/support/docview.wss?rs=171&uid=swg24032265>

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Product number

The Option for Application Optimization feature for 7198-32X is the only new machine feature being announced.

Feature

Description	Machine type	Model	Feature number
IBM WebSphere DataPower Service Gateway XG45 Option for Application Optimization	7198	32X	5046

WebSphere DataPower firmware V5.0 supports the **existing** DataPower machines:

Description	Machine type	Model
IBM WebSphere DataPower Service Gateway XG45	7198	32X
IBM WebSphere DataPower Integration Appliance XI52	7199	42X
IBM WebSphere DataPower B2B Appliance XB62	7199	62X
IBM WebSphere DataPower Integration Blade XI50B	4195	4BX
IBM WebSphere DataPower XML Accelerator XA35	9235	22X
IBM WebSphere DataPower XML Security Gateway XS40	9235	32X
IBM WebSphere DataPower XML Security Gateway XS40 with HDD	9235	3BX
IBM WebSphere DataPower XML Security Gateway XS40 with HSM	9235	34X
IBM WebSphere DataPower XML Security Gateway XS40 with HSM and HDD	9235	3DX
IBM WebSphere DataPower Integration Appliance XI50	9235	42X
IBM WebSphere DataPower Integration Appliance XI50 with HDD	9235	4BX
IBM WebSphere DataPower Integration Appliance XI50 with XG4	9235	43X
IBM WebSphere DataPower Integration Appliance XI50 with XG4 and HDD	9235	4CX
IBM WebSphere DataPower Integration Appliance XI50 with HSM	9235	44X
IBM WebSphere DataPower Integration Appliance XI50 with HSM and HDD	9235	4DX
IBM WebSphere DataPower Integration Appliance XI50 with HSM and XG4	9235	45X
IBM WebSphere DataPower Integration Appliance XI50 with HSM, XG4, and HDD	9235	4FX
IBM WebSphere DataPower B2B Appliance XB60	9235	62X
IBM WebSphere DataPower Low Latency Appliance XM70	9235	6BX
IBM WebSphere DataPower Low Latency Appliance XM70 with Fibre Channel	9235	6FX

Education support

IBM Global Services, IT Education Services, supports many IBM offerings.

Flexible training options

WebSphere Education offers several training options to meet your budget and time goals. Many offerings are delivered in a traditional classroom setting, at either your location or an IBM training center. Online delivery options are also available. Instructor-led online classes are taught real-time by an IBM instructor in a virtual classroom setting. Or, for a more independent training experience, you can select from a wide variety of self-paced online courses that you complete on your schedule.

For more information about available WebSphere Education offerings, including course locations and availability dates, visit

<http://www.ibm.com/websphere/education>

Role-based training paths can be found at

<http://www.ibm.com/software/websphere/education/paths/>

Questions? Contact 800-661-2131.

Publications

Documentation for WebSphere DataPower Appliances is available at the product documentation site. Visit

<http://www.ibm.com/software/integration/datapower/library/documentation>

Services

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Select your country, and then select the product as the category.

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 communications facilities.

Terms and conditions

MES discount applicable

No

Field installable feature

Yes

Warranty period

One year

An IBM part or feature installed during the initial installation of an IBM machine is subject to a full warranty effective on the date of installation of the machine. An IBM part or feature that replaces a previously installed part or feature assumes the remainder of the warranty period for the replaced part or feature. An IBM part or feature added to a machine without replacing a previously installed part or feature is subject to a full warranty effective on its date of installation. Unless specified

otherwise, the warranty period, type of warranty service, and service level of a part or feature are the same as those for the machine in which it is installed.

Customer setup

Yes

Machine code

Same license terms and conditions as base machine

Optional features warranty period

- Optional feature - One year

Pricing

Prices are subject to change without notice.

GST, QST, and sales taxes, where applicable, are extra.

For additional information and current prices, contact your local IBM representative.

Description	Machine	Model	Feature
Option for Application Optimization	7198	32X	5046
Field install only	Plant install only	MES removal	Cables required
N	N	Y	N

For current prices contact your sales representative.

You may also contact us at 1-888-Shop-IBM.

License Information form number

- WebSphere DataPower firmware V5.0 - L-DCHN-8QFTWN

The program License Information will be available for review on the IBM Software License Agreement website

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

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