IBM Business Process Manager 7.5 & WebSphere Process Server 6.X and 7.0 Public Knowledge Compendium

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IBM Software Services for WebSphere

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Document History

Version	Date	Author	Comment
1.0.0	2/23/09	Brian M. Petrini	Initial Writing
1.0.1	7/09/09	Brian M. Petrini	Update articles, added Design
1.0.2	7/14/09	Brian M. Petrini	Added BPC Samples
1.0.3	7/16/09	Brian M. Petrini	More updates
1.0.4	8/14/09	Brian M. Petrini	August additions
1.0.5	10/07/09	Brian M. Petrini	September additions
1.0.6	10/22/09	Brian M. Petrini	October additions
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1.1.0	4/10/10	Brian M. Petrini	Updates through mid-April
1.1.1	6/04/10	Brian M. Petrini	Updates through June and made fonts consistent
1.2.0	10/06/10	Brian M. Petrini	Retitled from WPS 6 and 7 "Reference Material" to "Public Knowledge Compendium" . Added more updates.
1.2.1	11/17/10	Brian M. Petrini	October-November updates
1.2.2	1/31/11	Brian M. Petrini	December-January updates
1.2.3	4/30/11	Brian M. Petrini	February-April updates. Restructure so 6.X and 7 are subsequent, moved general to back.
1.3.0	6/10/11	Brian M. Petrini	May-June updates. Added IBM BPM 7.5 references, and retitled document. Formatting consistency, yet again.
1.3.1	8/01/11	Brian M. Petrini	June-July updated.

1 Preface

1.1 About this document

This document was created originally for the author so that he could keep track of all the various IBM developerWorks articles, IBM Redbooks, tutorials, samples, forums, and all material that is publicly available. It is categorized based on topics that are commonly asked about when designing, building and administering solutions on IBM WebSphere Process Server and IBM WebSphere Enterprise Service Bus, along with related products. On June 3, 2011 with the release of IBM Business Process Manager 7.5 software, the compendium was retitled and the order of the sections was changed to reverse chronological order (newest releases are first) with a greater emphasis on BPM.

Since WebSphere Application Server (WAS) is the base runtime for all of these products, there are the top WAS redbooks and articles for both WAS 7 and WAS 6.

Also included is a section for general concepts and the links contained therein are more (but not completely) product independent.

Lastly is a section for additional help, including IBM Software Services for WebSphere, who created this compendium.

This document contains references to only publicly available material and is intended to be shared with clients.

2   IBM Business Process Manager 7.5 specific references

2.1 IBM Business Process Manager

DeveloperWorks Zone: IBM Business Process Management
http://www.ibm.com/developerworks/websphere/zones/bpm/
DeveloperWorks Zone: WebSphere ILOG Business Rule Management Systems
http://www.ibm.com/developerworks/websphere/zones/brms/

2.1.1   InfoCenter – IBM Business Process Manager

IBM Business Process Manager Information Center
http://publib.boulder.ibm.com/infocenter/dmndhelp/v7r5mx/index.jsp
IBM WebSphere ILOG JRules BRMS Version 7.1.1 Information Center
http://publib.boulder.ibm.com/infocenter/brjrules/v7r1/index.jsp

2.1.2   IBM Education Assistant

WebSphere Business Process Management
http://publib.boulder.ibm.com/infocenter/ieduasst/v1r1m0/index.jsp

2.1.3   Business Process Management Samples & Tutorials

Business Process Management Samples & Tutorials
http://publib.boulder.ibm.com/bpcsamp/v7r5/index.html

2.1.4   DeveloperWorks Forums

IBM Business Process Manager
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=2382
WebSphere ILOG Business Rule Management Systems
http://www.ibm.com/developerworks/forums/category.jspa?categoryID=256
WebSphere Integration Developer (IBM Integration Designer)
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=821
WebSphere Enterprise Service Bus
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=1672
Business Processes with BPEL4WS
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=167
WebSphere Adapters
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=2157

2.1.5   IBM Business Process Management Journal

http://www.ibm.com/developerworks/websphere/bpmjournal/

2.1.6   IBM WebSphere Developer Technical Journal

http://www.ibm.com/developerworks/websphere/techjournal/

2.1.7   WebSphere Technical Exchange Webcasts

http://www-01.ibm.com/software/websphere/support/supp_tech.html

2.1.8   BPM Intro

Introducing IBM Business Process Manager V7.5
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_fasbinder/1106_fasbinder.html

2.1.9 Tooling

Best practices when using IBM Integration Designer and IBM Process Designer together
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_taylor/1106_taylor.html

2.1.10 Business Space and User Interfaces

Business spaces for human-centric BPM, Part 1: Introduction and concepts
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_friess/1106_friess.html
Business spaces for human-centric BPM, Part 2: Interacting with BPD processes and Human Services
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_friess2/1106_friess2.html
Business spaces for human-centric BPM, Part 3: Interacting with federated processes and human tasks
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_baader/1106_baader.html
Business spaces for human-centric BPM, Part 4: Using custom form renderer for human tasks
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_schwarze/1106_schwarze.html

2.1.11 High Availability, Clustering, and Disaster Recovery

IBM Business Process Manager V7.5 development topology recommendations
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_pacholski/1106_pacholski.html

2.2 WebSphere Business Monitor

Business activity monitoring with IBM Business Monitor V7.5, Part 1: What's new in IBM Business Monitor V7.5
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_wayne/1106_wayne.html
Business activity monitoring with IBM Business Monitor V7.5, Part 2: A quick tour of the dashboards
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_alcorn/1106_alcorn.html
Business activity monitoring with IBM Business Monitor V7.5, Part 3: Monitoring IBM Business Process Manager
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_alcorn2/1106_alcorn2.html
Business activity monitoring with IBM Business Monitor V7.5, Part 4: Customizing the dashboard experience
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_alcorn3/1106_alcorn3.html
BPM Voices: When BPM meets Sterling Commerce
Introducing new visibility dashboards for Sterling Commerce
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_col_jamison/1106_jamison.html

3   WebSphere Process Server 7.0 specific references

3.1 WebSphere Process Server References

DeveloperWorks Zone: WebSphere Process Server and WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/zones/businessintegration/wps/wps.html

Application Development for IBM WebSphere Process Server 7 and Enterprise Service Bus 7
https://www.packtpub.com/ibm-websphere-process-server-7-enterprise-service-bus-7-applications-development/book

3.1.1 InfoCenter – WebSphere Process Server

WebSphere Process Server and WebSphere Integration Developer V7.0 Information Center
http://publib.boulder.ibm.com/infocenter/dmndhelp/v7r0mx/index.jsp

3.1.2 IBM Education Assistant

IBM WebSphere Business Process Management 7
http://publib.boulder.ibm.com/infocenter/ieduasst/v1r1m0/index.jsp?topic=/com.ibm.iea.wbpm_v7/plugin_coverpage.html

3.1.3 Business Process Management Samples & Tutorials

Business Process Management Samples & Tutorials
http://publib.boulder.ibm.com/bpcsamp/index.html

3.1.4 DeveloperWorks Forums

WebSphere Process Server
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=820
WebSphere Enterprise Service Bus
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=1672
WebSphere Integration Developer
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=821
Business Processes with BPEL4WS
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=167
WebSphere Adapters
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=2157
WebSphere Lombardi Edition
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=2382
WebSphere Business Modeler and WebSphere Business Modeler Publishing Server
https://www.ibm.com/developerworks/forums/forum.jspa?forumID=1234
ILOG Jrules BRMS
http://www.ibm.com/developerworks/forums/category.jspa?categoryID=256

3.1.5 IBM Business Process Management Journal

http://www.ibm.com/developerworks/websphere/bpmjournal/

3.1.6 IBM WebSphere Developer Technical Journal

http://www.ibm.com/developerworks/websphere/techjournal/

3.1.7 WebSphere Technical Exchange Webcasts

http://www-01.ibm.com/software/websphere/support/supp_tech.html

3.1.8 Redbooks – WebSphere Process Server

Redbooks Technical Overview of WebSphere Process Server and WebSphere Integration Developer

3.1.9 DeveloperWorks – WebSphere Business Integration

http://www-128.ibm.com/developerworks/websphere/zones/businessintegration/

3.1.10 WebSphere Process Server Information Roadmap

http://www-128.ibm.com/developerworks/websphere/zones/businessintegration/roadmaps/wps/index.html

3.1.11 WPS Intro

What's new in WebSphere Process Server Version 7
http://www.ibm.com/developerworks/websphere/library/techarticles/1002_fasbinder1/1002_fasbinder1.html
Developing composite business applications with Websphere Dynamic Process Edition
http://www.ibm.com/developerworks/websphere/bpmjournal/1009_chang/1009_chang.html
WebSphere Process Server Feature Pack 1 for V7.0 available
http://www-01.ibm.com/support/docview.wss?uid=swg21432844
SOA in Practice: Case Study in BPEL and SCA
Case Management Process Implementation in SOA
http://www.ibm.com/developerworks/webservices/library/ws-soacasestudy/index.html

3.1.12 WebSphere Integration Developer (WID) - Tooling

Featured documents for WebSphere Integration Developer
http://www-01.ibm.com/support/docview.wss?uid=swg27009453
What's new in WebSphere Integration Developer Version 7
http://www.ibm.com/developerworks/websphere/library/techarticles/1004_fasbinder/1004_fasbinder.html
Tips for working smarter and increasing productivity with WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/techjournal/1010_lau/1010_lau.html

3.1.13 Service Component Architecture (SCA)

Using Quality of Service qualifiers in WebSphere Integration Developer V7, Part 1
Managing transactions and security in your business application
http://www.ibm.com/developerworks/websphere/library/techarticles/1009_kumar/1009_kumar.html
Using the store-and-forward feature in WebSphere Process Server V7.0
http://www.ibm.com/developerworks/websphere/tutorials/1006_madgula/index.html

3.1.14 Data Translation, Mapping, and Relationships

Static and dynamic relationships in WebSphere Process Server and WebSphere ESB V7
Using the relationship service in WebSphere ESB without custom coding
http://www.ibm.com/developerworks/websphere/library/techarticles/1009_venn/1009_venn.html
Automatic synchronization of EIS data using the WebSphere Process Server relationship service
http://www.ibm.com/developerworks/websphere/tutorials/1006_jain/index.html
WebSphere Process Server relationship service: Efficiently manage static relationship instance data
http://www.ibm.com/developerworks/websphere/library/techarticles/1010_nan/1010_nan.html
XML mapping in WebSphere Integration Developer V7, Part 1: Using the Mapping Editor to develop maps
http://www.ibm.com/developerworks/websphere/library/techarticles/1003_spriet1/1003_spriet1.html

XML mapping in WebSphere Integration Developer V7, Part 2: Working with complex XML structures
http://www.ibm.com/developerworks/websphere/library/techarticles/1003_spriet2/1003_spriet2.html
Processing an array using an XML map in WebSphere Integration Developer V7
Dividing array elements into smaller arrays
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_gooderham/1105_gooderham.html
Using attachments in SOA applications with WebSphere Integration Developer V7
http://www.ibm.com/developerworks/websphere/library/techarticles/1003_bist/1003_bist.html
Using WS-I compliant referenced attachments in WebSphere ESB
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_howes/1105_howes.html
Getting started with Media Extender for WebSphere Process Server, Part 2: New features: What's new in Media Extender version 7.0
http://www.ibm.com/developerworks/webservices/library/ws-mediaextender/index.html
Using the Java Persistence API 2.0 services with WebSphere Process Server V7, Part 1: Generating the data model
http://www.ibm.com/developerworks/websphere/tutorials/1012_malcolm1/index.html
Using the Java Persistence API 2.0 services with WebSphere Process Server V7, Part 2: Generating the JPA entities
http://www.ibm.com/developerworks/websphere/tutorials/1012_malcolm2/index.html
Using the Java Persistence API 2.0 services with WebSphere Process Server V7, Part 3: Creating a stateless session EJB
http://www.ibm.com/developerworks/websphere/tutorials/1012_malcolm3/index.html
Using the Java Persistence API 2.0 services with WebSphere Process Server V7, Part 4: Creating an SCA client
http://www.ibm.com/developerworks/websphere/tutorials/1012_malcolm4/index.html
Using the Java Persistence API 2.0 services with WebSphere Process Server V7, Part 5: Creating a BPEL process
http://www.ibm.com/developerworks/websphere/tutorials/1012_malcolm5/index.html
Using the Java Persistence API 2.0 services with WebSphere Process Server V7, Part 6: Generating the user interface
http://www.ibm.com/developerworks/websphere/tutorials/1012_malcolm6/index.html
Decoupling business process and business data in WebSphere Process Server: A new twist to the MVC pattern
http://www.ibm.com/developerworks/websphere/library/techarticles/1106_jenny/1106_jenny.html

3.1.15 Business Process Choreography

Implementing advanced workflow patterns in WebSphere Integration Developer and WebSphere Process Server, Part 1: Basic control flow patterns and cancellation and force completion patterns
http://www.ibm.com/developerworks/webservices/library/ws-impavdworkflowpart1/index.html
Implementing Advanced Workflow Patterns in WebSphere Integration Developer and WebSphere Process Server, Part 2: Multiple instance patterns and iteration patterns
http://www.ibm.com/developerworks/webservices/library/ws-impavdworkflowpart2/index.html
Implementing Advanced Workflow Patterns in WebSphere Integration Developer and WebSphere Process Server, Part 3: Advanced branching and synchronization patterns
http://www.ibm.com/developerworks/webservices/library/ws-impavdworkflowpart3/index.html
Implementing Advanced Workflow Patterns in WebSphere Integration Developer and WebSphere Process Server, Part 4: State-based, termination and trigger patterns
http://www.ibm.com/developerworks/webservices/library/ws-impavdworkflowpart4/index.html
Importing WS-BPEL 2.0 process definitions
Using the WS-BPEL 2.0 standard with WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/library/techarticles/1101_koenig/1101_koenig.html

Importing BPEL code from ARIS SOA Architect into WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/tutorials/1107_burgmann/
Tips and tricks when using query tables in WebSphere Process Server V7
http://www.ibm.com/developerworks/websphere/library/techarticles/1011_chang/1011_chang.html

3.1.16 Human Tasks

Redbooks®WebSphere Process Server Staff Resolution Using Virtual Groups
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4730.html?Open
Using advanced human task patterns in WebSphere Process Server V7
http://www.ibm.com/developerworks/websphere/library/techarticles/1008_kaeckenmeister/1008_kaeckenmeister.html
Concurrent human task assignment in WebSphere Process Server V7
An improved method of claiming a human task in a concurrent scenario
http://www.ibm.com/developerworks/websphere/library/techarticles/1006_vanzyl/1006_vanzyl.html
Building human tasks with the Virtual Member Manager and LDAP
Using the Virtual Member Manager as the people directory provider for configuring people resolution in human tasks
http://www.ibm.com/developerworks/websphere/library/techarticles/1011_ahuja/1011_ahuja.html

3.1.17 Business Calendar

<see WPS 6.X>

3.1.18 Business Rules

<see WPS 6.X>

3.1.19 Business Space and User Interfaces

Redbooks®Building IBM Business Process Management Solutions Using WebSphere V7 and Business Space
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247861.html
Using Business Space to manage business process applications
Easily work on business processes using Business Space powered by WebSphere V7
http://www.ibm.com/developerworks/websphere/tutorials/1003_madassery/index.html
Develop custom widgets for Business Space with Rational Application Developer or WebSphere Integration Developer
A step-by-step guide to coding, testing and running your custom widgets
http://www.ibm.com/developerworks/websphere/library/techarticles/1004_wayne/1004_wayne.html
Developing custom widgets for Business Space using Dojo, Part 1: Generating Dojo markup using a generic markup handler
http://www.ibm.com/developerworks/websphere/library/techarticles/0912_khanna/0912_khanna.html
Developing custom widgets for Business Space using Dojo, Part 2: Creating a Dojo DataGrid component using a generic grid handler
http://www.ibm.com/developerworks/websphere/library/techarticles/1001_khanna/1001_khanna.html
Developing custom widgets for Business Space using Dojo, Part 3: Using multiple templates in iWidget and inheriting from a base widget
http://www.ibm.com/developerworks/websphere/library/techarticles/1007_khanna/1007_khanna.html
Developing custom widgets for Business Space using Dojo, Part 4: Making configurable REST calls from an iWidget using a generic REST handler
http://www.ibm.com/developerworks/websphere/library/techarticles/1007_khanna2/1007_khanna2.html
Using the Java Persistence API to initialize HTML-Dojo forms for WebSphere Business Space
http://www.ibm.com/developerworks/websphere/bpmjournal/1009_griffith/1009_griffith.html

Creating a custom Business Process Choreographer Explorer view of WebSphere Process Server
Rendering business data
http://www.ibm.com/developerworks/websphere/tutorials/1007_nasser/index.html
BPM integration with Webform, Part 1: Human tasks in business space using Lotus Webform Server
http://www.ibm.com/developerworks/webservices/library/ws-webformpart1/index.html
BPM integration with Webform, Part 2: Human Tasks in Business Space using Lotus Webform Server
http://www.ibm.com/developerworks/webservices/library/ws-webformpart2/index.html
BPM integration with Webform, Part 3: Human tasks in business space using Lotus Webform Server
http://www.ibm.com/developerworks/webservices/library/ws-webformpart3/index.html
Use Dojo TreeGrid to manage WebSphere Process Server workflow
Create a Web 2.0-style UI for your data
http://www.ibm.com/developerworks/web/library/wa-webspheredojo/
Comment lines: Going mobile with the Dojo Toolkit
http://www.ibm.com/developerworks/websphere/techjournal/1103_col_haverlock/1103_col_haverlock.html
Developing a custom tree iWidget for WebSphere Business Space that retrieves data from a REST service using Apache Wink
http://www.ibm.com/developerworks/websphere/library/techarticles/1107_yadavalli/1107_yadavalli.html

3.1.20 Error Handling

Managing failed flows using the Failed Event Manager API in WebSphere Process Server
http://www.ibm.com/developerworks/websphere/tutorials/1103_madgula/index.html

3.1.21 Versioning and Dynamicity

Version-to-Version Migration to IBM WebSphere Dynamic Process Edition V7
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247876.html
WebSphere Process Server Versioning: From Design to Production
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4724.html?Open
Migrating to WebSphere Process Server Version 7
Migrating from WebSphere Process Server V6.2.0.x to V7.0.0.x
http://www.ibm.com/developerworks/websphere/tutorials/1003_madgula/index.html
Migrating from WebSphere Process Server V6.0.2 to V7
http://www.ibm.com/developerworks/websphere/tutorials/1102_madgula/index.html
Migrating process instances in WebSphere Process Server V7
http://www.ibm.com/developerworks/websphere/library/techarticles/1008_xie/1008_xie.html

3.1.22 Security

WebSphere Security Integration Patterns
http://www-01.ibm.com/support/docview.wss?rs=180&context=SSEQTP&uid=swg27018200
Configuring WS-Security for JAX-RPC web services in WebSphere Process Server V7
Calling secure web services remotely from different WebSphere cells
http://www.ibm.com/developerworks/websphere/tutorials/1101_nasser/index.html
Webcast replay: End-to-End Security for WebSphere Business Monitor, Compass and Business Space
https://www-304.ibm.com/support/docview.wss?uid=swg27020269
Enabling web services security between modules in WebSphere Process Server V7.0
Configuring web services security with SSL and authentication token using the Username token

http://www.ibm.com/developerworks/websphere/library/techarticles/1103_balakrishnan/1103_balakrishnan.html
Troubleshooting WebSphere Process Server projects, Part 1: Integrating LDAP systems for authentication and authorization
How to analyze and solve problems with staff assignments
http://www.ibm.com/developerworks/websphere/library/techarticles/1107_volz/1107_volz.html

3.1.23 Team Development (Source Code Control)

<see WPS 6.X>

3.1.24 Common Event Infrastructure (CEI)

<see WPS 6.X>

3.1.25 Logging

Implementing tracing, logging, and error handling in mediation modules using WebSphere Integration Developer and WebSphere ESB V7, Part 1
Strategies for designing error handling in mediation flows
http://www.ibm.com/developerworks/websphere/library/techarticles/1011_toth/1011_toth.html

3.1.26 High Availability, Clustering, and Disaster Recovery

Redbooks WebSphere Business Process Management V7 Production Topologies
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247854.html
Redbooks z/OS: WebSphere Business Process Management V7 Production Topologies
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247831.html
Failover Scenarios in a Highly Available WebSphere Business Process Management V7 Production Environment
http://www-01.ibm.com/support/docview.wss?uid=swg27019017
Using WebSphere Dynamic Process Edition 7.0.1 with DB2 High Availability and Disaster Recovery (DB2 HADR)
http://www-01.ibm.com/support/docview.wss?rs=180&context=SSEQTP&uid=swg27019711

3.1.27 WPS Hypervisor Edition

Connect custom patterns to out-of-cloud databases
Learn to hook your WebSphere Process Server Hypervisor Edition custom pattern to a database outside of the cloud
https://www.ibm.com/developerworks/cloud/library/cl-dbconnections/
Configuring the WebSphere BPM Hypervisor Edition environment
http://www.ibm.com/developerworks/websphere/library/techarticles/1106_zhang/1106_zhang.html

3.1.28 Installation and Configuration

Redbooks Deploying WebSphere Business Process Management V7 in Secured Production Environments
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247885.html?Open
Installing and clustering WebSphere Process Server V7.0 in non-GUI mode, Part 1: Silent installation and setup
http://www.ibm.com/developerworks/websphere/tutorials/1104_madassery/
Installing and clustering WebSphere Process Server V7 in non-GUI mode, Part 2: Using the command line to create a cluster
http://www.ibm.com/developerworks/websphere/tutorials//1106_madassery/

3.1.29 Administration

WebSphere Process Server database configuration made easy
Using the database design tool
http://www.ibm.com/developerworks/websphere/library/techarticles/1010_madgula/1010_madgula.html
Managing endpoints for WebSphere Process Server and WebSphere ESB Exports with WebSphere MQ and MQJMS Bindings
https://www-304.ibm.com/support/docview.wss?uid=swg21414915

3.1.30 Automated Build

Automate deployment of resources by using IBM Rational Application Framework for WebSphere: Part 1. The basics of how to manage resources in this framework
http://www.ibm.com/developerworks/rational/library/10/automatedeploymentapplicationframeworkwebsphere-part1/index.html
Automate deployment of resources by using IBM Rational Application Framework for WebSphere: Part 2. A step-by-step guide to automating the deployment of a data source by using Rational Build Forge
http://www.ibm.com/developerworks/rational/library/10/automatedeploymentapplicationframeworkwebsphere-part2/index.html

3.1.31 Testing

Testing web services with test case support in WebSphere Integration Developer
http://www.ibm.com/developerworks/webservices/library/ws-Test_WS_In_WID/index.html
Test-driven development of business logic that uses WebSphere business objects
http://www.ibm.com/developerworks/websphere/library/techarticles/1107_chung/1107_chung.html
The Support Authority: Why testing in production is a common and costly technical malpractice
http://www.ibm.com/developerworks/websphere/techjournal/1102_supauth/1102_supauth.html

3.1.32 Performance

WebSphere Business Process Management and WebSphere Enterprise Service Bus V7 Performance Tuning
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4664.html
Caching web services to improve the performance of business solutions in WebSphere Process Server
http://www.ibm.com/developerworks/webservices/library/ws-caching/index.html
Just-In-Time Throttler and Dispatcher for WebSphere ESB
http://www.ibm.com/developerworks/websphere/library/techarticles/1106_marie/1106_marie.html

3.1.33 Problem Determination

<see WPS 6.X>

3.1.34 WebSphere InterChange Server migration to WebSphere Process Server

Migrating WebSphere InterChange Server artifacts to WebSphere Process Server V7.0, Part 1: Migrated BPEL improvements
http://www.ibm.com/developerworks/websphere/library/techarticles/1003_zhang/1003_zhang.html

3.1.35 WebSphere MQ Workflow migration to WebSphere Process Server

3.2 WebSphere Enterprise Service Bus (WESB)

DeveloperWorks Zone: WebSphere Enterprise Service Bus
http://www.ibm.com/developerworks/websphere/zones/businessintegration/wesb.html
What's new in WebSphere Enterprise Service Bus V7
http://www.ibm.com/developerworks/websphere/library/techarticles/1005_jackson/1005_jackson.html
Developing and deploying a proxy gateway using WebSphere ESB V7, WebSphere
Integration Developer V7, and Business Space powered by WebSphere
http://www.ibm.com/developerworks/websphere/library/techarticles/1007_jackson/1007_jackson.html
Mediation policy for target services: Constructing a dynamic mediation for WebSphere ESB
V7 based on which target service has been selected
http://www.ibm.com/developerworks/websphere/library/techarticles/1001_hulse/1001_hulse.html
WebSphere ESB endpoint selection based on the WebSphere Service Registry and Repository
Governance Enablement Profile
http://www.ibm.com/developerworks/websphere/library/techarticles/1008_hulse/1008_hulse.html
Implement dynamic endpoint lookup
Learn how to use the endpoint lookup mediation primitive in IBM WebSphere Enterprise Service Bus (WESB) to retrieve a service stored in WebSphere Service Registry and Repository (WSRR) so it can be updated dynamically.
http://www.ibm.com/developerworks/downloads/soasandbox/dynamic.html
WebSphere ESB Development Guide
http://www-01.ibm.com/software/integration/wsesb/library/
http://www-05.ibm.com/e-business/linkweb/publications/servlet/pbi.wss?CTY=US&FNC=SRX&PBL=SC34-7206-01

3.3 WebSphere Business Modeler

Smart interactive process design for modeling and monitoring
Interactively design and test business processes and business measures
http://www.ibm.com/developerworks/websphere/bpmjournal/1101_walden/1101_walden.html
Recommendations for iterative development in WebSphere Business Modeler
http://www.ibm.com/developerworks/websphere/bpmjournal/1101_lau/1101_lau.html

3.4 WebSphere Service Registry and Repository

Getting started with WebSphere Service Registry and Repository
http://www.ibm.com/developerworks/websphere/library/techarticles/1012_stevens/1012_stevens.html
Service Registry with Advanced Search Capability, Part 1: Concepts, Process, and
Components
Learn why do you need advance search capability in a registry
http://www.ibm.com/developerworks/webservices/library/ws-SOAregadvsearch/index.html
Service Registry with Advanced Search Capability: Part 2: Implementation
Learn how to implement four core components
http://www.ibm.com/developerworks/webservices/library/ws-SOAregadvsearchpart2/index.html
Service Registry with Advanced Search Capability, Part 3: Configurations and controller
Learn how to combine the four core components in a single or multiple applications
http://www.ibm.com/developerworks/webservices/library/ws-configuration/index.html
Service Registry with Advanced Search Capability, Part 4: Handling multiple matches
Learn how to manage multiple service names matches in the service registry with advanced search capability
http://www.ibm.com/developerworks/webservices/library/ws-SOAregadvsearchpart4/index.html
WebSphere Service Registry and Repository topologies explained
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_debelin/1105_debelin.html
Redbooks Strengthening Your ESB with WebSphere Service Registry and Repository
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4686.html?Open
Policy promotion with WebSphere Service Registry and Repository
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_stevens/1105_stevens.html

Using policy analytics in WebSphere Service Registry and Repository
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_jain/1105_jain1.html
Integrating WebSphere Service Registry and Repository with Tivoli Application Dependency
Discovery Manager
http://www.ibm.com/developerworks/wikis/display/tivoliaddm/Integrating+WebSphere+Service+Registry+and+Repository+with+Tivoli+Application+Dependency+Discovery+Manager

3.5 WebSphere Business Events

Enable location-aware event processing with WebSphere Business Events
http://www.ibm.com/developerworks/websphere/bpmjournal/1101_crocker/1101_crocker.html
Common patterns for synthetic events in WebSphere Business Events
http://www.ibm.com/developerworks/websphere/bpmjournal/1101_faulkner2/1101_faulkner2.html
Integrating WebSphere Message Broker with WebSphere Business Events
http://www.ibm.com/developerworks/websphere/library/techarticles/1102_fan/1102_fan.html
Configuring WebSphere Business Events to use WebSphere MQ as the messaging provider
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_faulkner/1105_faulkner.html
Building a WebSphere Business Events Infrastructure, Part 1: Augmenting a Business Space
in a WebSphere Business Events clustered infrastructure
http://www.ibm.com/developerworks/websphere/bpmjournal/1101_faulkner/1101_faulkner.html
Tivoli OMNIbus and WebSphere Business Events Integration
http://www.ibm.com/developerworks/wikis/display/tivolieventandnetworkmanagement/Tivoli+OMNIbus+and+WebSphere+Business+Events+Integration
Exercise: Event processing in action
http://www.ibm.com/developerworks/downloads/soasandbox/eventprocessing.html

3.6 WebSphere Business Monitor

Multi-module monitoring with the V7 WebSphere BPM suite, Part 1: Use two new plug-ins
for WebSphere Business Modeler V7 to achieve end-to-end business process monitoring
http://www.ibm.com/developerworks/websphere/library/techarticles/1010_lakshmanan/1010_lakshmanan.html
Multi-module monitoring with the V7 WebSphere BPM suite, Part 2: Use new plug-ins for
WebSphere Integration Developer V7 to achieve end-to-end business process monitoring
http://www.ibm.com/developerworks/websphere/library/techarticles/1011_lakshmanan/1011_lakshmanan.html
BPM voices: Joachim Frank: Behind the scenes of WebSphere Business Monitor event
processing
http://www.ibm.com/developerworks/websphere/bpmjournal/0812_col_frank/0812_col_frank.html
Monitoring your business applications, Part 1: Products offering first-class integration with
WebSphere Business Monitor
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_alcorn/1105_alcorn.html
Monitoring your business applications, Part 2: Products offering basic integration with
WebSphere Business Monitor
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_alcorn2/1105_alcorn2.html

3.7 IBM BlueWorks Live

BPM Voices: IBM Blueworks Live = IBM BPM BlueWorks + IBM BPM Blueprint + More!
http://www.ibm.com/developerworks/websphere/bpmjournal/1101_col_jamison/1101_jamison.html
Exercise: Gain visibility and control of your processes
http://www.ibm.com/developerworks/downloads/soasandbox/blueworks.html
Automate manual processes with IBM BlueWorks Live
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_chang/1106_chang.html

3.8 WebSphere Lombardi Edition

Modeling your business processes with IBM WebSphere Lombardi Edition, Part 1: Overview and Architecture
http://www.ibm.com/developerworks/websphere/library/techarticles/1101_wang/1101_wang.html

Modeling your business processes with IBM WebSphere Lombardi Edition, Part 2: Using BPD and the integration, human and rule services
http://www.ibm.com/developerworks/websphere/library/techarticles/1106_liang/1106_liang.html

WebSphere Lombardi Edition V7.1: Integrating with the JMS queue, Part 1: JMS integration with the queue hosted on a local Service Integration Bus
http://www.ibm.com/developerworks/websphere/library/techarticles/1012_mamindla1/1012_mamindla1.html

WebSphere Lombardi Edition V7.1: Integrating with the JMS queue, Part 2: JMS integration with the queue hosted on a remote Service Integration Bus
http://www.ibm.com/developerworks/websphere/library/techarticles/1012_mamindla2/1012_mamindla2.html

Configuring a data source in WebSphere Lombardi Edition V7.1
SQL integration using a JDBC preconfigured data source definition
http://www.ibm.com/developerworks/websphere/tutorials/1010_iyengar/index.html

BPM Voices: A snapshot of the new features in WebSphere Lombardi Edition V7.2
http://www.ibm.com/developerworks/websphere/bpmjournal/1101_col_yang/1101_yang.html

Configuring global security in WebSphere Lombardi Edition V7.2 using Tivoli Directory Server V6.3
http://www.ibm.com/developerworks/websphere/tutorials/1101_iyengar/index.html

Secure integration of an LDAP user registry with WebSphere Lombardi Edition
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_yang/1106_yang.html

Systems integration with WebSphere Lombardi Edition V7.2, Part 1: Architecture and solution overview
http://www.ibm.com/developerworks/websphere/library/techarticles/1107_glen/1107_glen.html

Common business process modeling situations in WebSphere Lombardi Edition V7.2, Part 1: Role-based and dynamic routing of activities
http://www.ibm.com/developerworks/websphere/library/techarticles/1106_olivieri/1106_olivieri.html

Common business process modeling situations in WebSphere Lombardi Edition V7.2, Part 2: Integrating a business process application with an external system using the REST API
http://www.ibm.com/developerworks/websphere/library/techarticles/1107_olivieri/1107_olivieri.html

WebSphere Lombardi exception handling and logging
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_ragava/1105_ragava.html

Comment lines: WebSphere Process Server and WebSphere Lombardi Edition provide different, flexible BPM options
http://www.ibm.com/developerworks/websphere/techjournal/1012_col_fasbinder/1012_col_fasbinder.html

Integrating WebSphere Process Server V7 and Lombardi Teamworks
http://www.ibm.com/developerworks/websphere/library/techarticles/1006_fasbinder/1006_fasbinder.html

3.9 WebSphere ILOG JRules

Redbooks®Patterns: Integrating WebSphere ILOG JRules with IBM Software
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247881.html?Open

Overview of ILOG JRules and WebSphere Process Server integration
http://www.ibm.com/developerworks/websphere/library/techarticles/1002_duan/1002_duan.html

Integrate ILOG JRules with WebSphere Process Server via asynchronous messaging
A step-by-step guide
http://www.ibm.com/developerworks/webservices/library/ws-ILOGJRulesWPS/index.html

SupportPac: LA71: WebSphere ILOG JRules Integration for WebSphere Process Server
http://www-01.ibm.com/support/docview.wss?rs=4085&q1=xa03&uid=swg24023444&loc=en_US&cs=utf-8&lang=en&wv=1
Mapping rule-based decision services to rulesets
Choosing the best approach
http://www.ibm.com/developerworks/websphere/library/techarticles/1003_berlandier/1003_berlandier.html
Customizing WebSphere ILOG JRules for rule authoring, Part 1: Exploring dynamic domains
Integration with Back-End Systems
http://www.ibm.com/developerworks/websphere/library/techarticles/1009_tamer/1009_tamer.html
Implementing a continuous build system for WebSphere ILOG Business Rule Management Systems
http://www.ibm.com/developerworks/websphere/library/techarticles/1104_melki/1104_melki.html
Policies and Rules – Improving Business Agility: Part 1: Support for business agility
http://www.ibm.com/developerworks/webservices/library/ws-policyandrules/index.html
Policies and Rules – Improving Business Agility: Part 2: Demonstrating the value that can be derived from using Policy and Rules
http://www.ibm.com/developerworks/webservices/library/ws-policyandrulespart2/index.html?ca=drs-
Creating intermediate facts in WebSphere ILOG JRules using synthetic objects
http://www.ibm.com/developerworks/websphere/techjournal/1011_rao/1011_rao.html
IBM technology in the financial markets front office, Part 2: Invoke conditional business rules based on analyzing data streams
http://www.ibm.com/developerworks/data/library/techarticle/dm-1008integrationblueprint2/index.html
BPM Voices: Using business rules to mine business rules test scenarios
http://www.ibm.com/developerworks/websphere/bpmjournal/1106_col_berlandier/1106_berlandier.html
Develop decision services, Part 1: A smarter city case study
http://www.ibm.com/developerworks/industry/library/ind-smartercity1/index.html
Develop decision services, Part 2: Rules development process
http://www.ibm.com/developerworks/industry/library/ind-smartercity2/index.html

3.10 WebSphere Adapters and Enterprise Information System Integration

3.10.1 WebSphere Adapter Toolkit

Redbooks WebSphere Adapter Toolkit
http://www.redbooks.ibm.com/redpieces/abstracts/sg246387.html

3.10.2 WebSphere Adapters

Featured documents for WebSphere Adapters
http://www-01.ibm.com/support/docview.wss?uid=swg27010661
Developing RESTful services using RESTFacade for WebSphere Adapters
http://www.ibm.com/developerworks/websphere/library/techarticles/1008_diwakar/1008_diwakar.html
Integrating Oracle E-Business Suite through the Oracle Open Interface and Concurrent Program using WebSphere Adapters
http://www.ibm.com/developerworks/websphere/library/techarticles/1001_chang/1001_chang.html
Setting up a global transaction in an SCA mediation module using WebSphere Adapters
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_li/1105_li.html
Performance tuning the WebSphere JDBC Adapter inbound service
http://www.ibm.com/developerworks/websphere/library/techarticles/1106_lu/1106_lu.html

3.10.3 Native Bindings

Developing JAX-WS web service integration solutions using WebSphere Integration Developer V7

http://www.ibm.com/developerworks/websphere/library/techarticles/1007_perepa/1007_perepa.html

Ensuring transactional integrity using Web Services Atomic Transaction support in WebSphere ESB and WebSphere Application Server

http://www.ibm.com/developerworks/websphere/library/techarticles/1012_screen/1012_screen.html

Implementing web services transactions in WebSphere Process Server V7

Learn how to implement a Web Services Atomic Transaction scenario with a business process and external web service

http://www.ibm.com/developerworks/websphere/tutorials/1011_madassery/index.html

Invoking cross-cell EJBs using WebSphere Integration Developer V7 or WebSphere Enterprise Service Bus V7

http://www.ibm.com/developerworks/websphere/library/techarticles/1102_krier/1102_krier.html

Message binding enhancements in WebSphere Process Server V7.0, Part 1: Developing integration components that interact with WebSphere MQ and other messaging providers

http://www.ibm.com/developerworks/websphere/library/techarticles/1104_madgula/1104_madgula.html

3.10.4 WebSphere Partner Gateway

<see WPS 6.X>

3.10.5 WebSphere Message Broker

Using SCA nodes in WebSphere Message Broker V7

http://www.ibm.com/developerworks/websphere/library/techarticles/0912_nagchowdhury/0912_nagchowdhury.html

WebSphere Message Broker interoperability with WebSphere Process Server

http://publib.boulder.ibm.com/infocenter/wmbhelp/v7r0m0/index.jsp?topic=/com.ibm.etools.mft.doc/ac25740_.htm

Introduction to pattern authoring in WebSphere Message Broker V7

http://www.ibm.com/developerworks/websphere/library/techarticles/1010_stewart/1010_stewart.html

Using XML beans for message translation in WebSphere Message Broker

http://www.ibm.com/developerworks/websphere/library/techarticles/1101_dunna/1101_dunna.html

Integrating with TCP/IP using WebSphere Message Broker

http://www.ibm.com/developerworks/websphere/library/techarticles/1105_ghosh/1105_ghosh.html

Securing Web services with Kerberos when using WebSphere Message Broker V7.0.01 with Microsoft .NET

http://www.ibm.com/developerworks/websphere/library/techarticles/1103_haxby/1103_haxby.html

Accessing DB2 from WebSphere Message Broker using stored procedures

http://www.ibm.com/developerworks/websphere/library/techarticles/1107_kumar/1107_kumar.html

Routing mechanisms in WebSphere Message Broker V7

http://www.ibm.com/developerworks/websphere/library/techarticles/1107_rajan/1107_rajan.html

Customizing WebSphere MQ V7 for small and medium businesses

http://www.ibm.com/developerworks/websphere/library/techarticles/1106_arora/1106_arora.html

WebSphere MQ Support Pacs

http://www-01.ibm.com/support/docview.wss?rs=171&uid=swg27007197

3.10.6 IBM Maximo Asset Management

Integrating your enterprise applications with IBM Maximo Asset Management V7.1

Integrating your applications using Web services

http://www.ibm.com/developerworks/websphere/library/techarticles/1001_mariadoss/1001_mariadoss.html

3.10.7 IBM Content Analytics

Implement a custom export plug-in for IBM Content Analytics to emit WebSphere Service Integration Bus events
http://www.ibm.com/developerworks/data/library/techarticle/dm-1104customexportplugin/index.html

3.10.8 Open SCA

Integrating WebSphere Process Server and SCA Feature Pack, Part 1: Interoperability across SCA bindings
http://www.ibm.com/developerworks/websphere/library/techarticles/1005_fong/1005_fong.html
Integrating WebSphere Process Server and SCA Feature Pack, Part 2: Interoperability across SCA JMS bindings
http://www.ibm.com/developerworks/websphere/library/techarticles/1007_fong/1007_fong.html
Integrating WebSphere Process Server and SCA Feature Pack, Part 3: Interoperability across SCA web services bindings
http://www.ibm.com/developerworks/websphere/library/techarticles/1007_fong/1007_fong.html

3.10.9 Microsoft .Net

Microsoft .NET WCF interoperability with a WebSphere ESB service gateway using WS-Atomic transactions
http://www.ibm.com/developerworks/websphere/library/techarticles/1012_howes/1012_howes.html

3.10.10 SAP

Building a RESTful integration for SAP using WebSphere Adapter and WebSphere Process Server, Part 1: Outbound
http://www.ibm.com/developerworks/websphere/library/techarticles/1004_yu/1004_yu.html
Iterative discovery in WebSphere Adapter for SAP V7
http://www.ibm.com/developerworks/websphere/library/techarticles/1003_diwakar/1003_diwakar.html

3.10.11 PureXML (DB2)

Using pureXML in SCA component development with WebSphere Integration Developer V7
http://www.ibm.com/developerworks/websphere/library/techarticles/1007_xue/1007_xue.html
Programming XML across the multiple tiers: Use XML in the middle tier for performance, fidelity, and development ease
Develop an all-XML solution using JDBC 4.0, SQLXML, and the WebSphere Server XML Feature Pack
http://www.ibm.com/developerworks/library/x-xmlfeat1/index.html
Programming XML across the multiple tiers, Part 2: Write efficient Java EE applications that exploit an XML database server
Optimize an all-XML solution with JDBC 4.0, SQLXML, the WebSphere XML Feature Pack, and DB2 pureXML
http://www.ibm.com/developerworks/library/x-xmlfeat2/index.html
Managing pureQuery-enabled applications efficiently, Part 3: Automate client optimization with WebSphere applications
pureQuery client optimization with SQL management repository
http://www.ibm.com/developerworks/data/tutorials/dm-1105purequeryapps3/index.html

3.10.12 CICS

Using COBOL copybooks in WebSphere Integration Developer V7
http://www.ibm.com/developerworks/websphere/library/techarticles/1102_fasbinder/1102_fasbinder.html

3.10.13 IMS

3.10.14 WebSphere Portal

Integrating IBM WebSphere Portal V7 with IBM WebSphere Process Server V7 using the WebSphere Process Server client
http://www.ibm.com/developerworks/websphere/zones/portal/proddoc/dw-w-integratewps/index.html

3.11 WebSphere Application Server 7

3.11.1 InfoCenter – WebSphere Application Server

WebSphere Application Server V7 Information Center
http://publib.boulder.ibm.com/infocenter/wasinfo/v7r0/index.jsp

3.11.2 Overview

Redbooks WebSphere Application Server V7.0: Technical Overview
http://www.redbooks.ibm.com/abstracts/REDP4482.html

3.11.3 Messaging and Web Services (ESB)

Redbooks IBM WebSphere Application Server V7.0 Web Services Guide
http://www.redbooks.ibm.com/abstracts/sg247758.html
Message Sequencing when Using the WebSphere Application Server Default Messaging Provider
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/tips0773.html
The overriddenEndpointURI Property for JAX-RPC and JAX-WS Clients
Override the endpoint URL when JAX-RPC and JAX-WS clients send requests
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_raschke/1105_raschke.html

3.11.4 Planning & Design

Redbooks WebSphere Application Server V7: Concepts, Planning and Design
http://www.redbooks.ibm.com/abstracts/sg247708.html
Best Practices for Large WebSphere Topologies
A Periodic Report from the WebSphere Large Topology Task Force
http://www.ibm.com/developerworks/websphere/library/techarticles/0710_largetopologies/0710_largetopologies.html

3.11.5 System Management & Configuration

Redbooks WebSphere Application Server V7 Administration and Configuration Guide
http://www.redbooks.ibm.com/abstracts/sg247615.html
Redbooks WebSphere Application Server V7: Accessing Databases from WebSphere
http://www.redbooks.ibm.com/abstracts/REDP4577.html
Redbooks WebSphere Application Server V7: Monitoring the Runtime
http://www.redbooks.ibm.com/abstracts/REDP4579.html
Redbooks WebSphere Application Server V7: System Management Technical Overview
http://www.redbooks.ibm.com/abstracts/REDP4569.html
Redbooks WebSphere Application Server V7: Working with Profiles on Distributed Systems
http://www.redbooks.ibm.com/abstracts/REDP4570.html
Redbooks WebSphere Application Server V7: Understanding Class Loaders
http://www.redbooks.ibm.com/abstracts/REDP4581.html
Redbooks WebSphere Application Server for z/OS V7 Administration
http://www.redbooks.ibm.com/abstracts/REDP4575.html

Redbooks. WebSphere Application Server V7: Deploying Applications
http://www.redbooks.ibm.com/abstracts/REDP4583.html
Redbooks. WebSphere Application Server V7: Administration of WebSphere Processes
http://www.redbooks.ibm.com/abstracts/REDP4574.html
Redbooks. WebSphere Application Server V7: Centralized Installation Manager
http://www.redbooks.ibm.com/abstracts/REDP4572.html
Redbooks. WebSphere Application Server V7: Administration Consoles and Commands
http://www.redbooks.ibm.com/abstracts/redp4573.html

3.11.6 Availability

The WebSphere Contrarian: High availability (again) versus continuous availability
http://www.ibm.com/developerworks/websphere/techjournal/1004_webcon/1004_webcon.html

3.11.7 Performance

IBM WebSphere performance tuning and IBM Tivoli Monitoring
Best practices for a POWER7 WebSphere Application Server 7 infrastructure
http://www.ibm.com/developerworks/tivoli/library/t-monitoring/index.html

3.11.8 Problem Determination

<see WAS 6.X>

3.11.9 Security

Redbooks. WebSphere Application Server V7 Security Guide
http://www.redbooks.ibm.com/abstracts/sg247660.html
WebSphere Application Server V7 advanced security hardening, Part 1: Overview and approach to security hardening
http://www.ibm.com/developerworks/websphere/techjournal/1004_botzum/1004_botzum.html
WebSphere Application Server V7 advanced security hardening, Part 2: Advanced security considerations
http://www.ibm.com/developerworks/websphere/techjournal/1005_botzum/1005_botzum.html
Message-level security with JAX-WS on WebSphere Application Server V7, Part 1:
Using Rational Application Developer 7.5.2 to build secure JAX-WS Web services
http://www.ibm.com/developerworks/websphere/tutorials/0905_griffith/index.html
Message-level security with JAX-WS on WebSphere Application Server V7, Part 2:
Integrating JEE authorization
http://www.ibm.com/developerworks/websphere/library/techarticles/1001_chung/1001_chung.html
Message-level security with JAX-WS on WebSphere Application Server V7, Part 3:
Programmatic client control using Web Services Security APIs
http://www.ibm.com/developerworks/websphere/library/techarticles/1009_chung/1009_chung.html
SAML assertions across WebSphere Application Server security domains
http://www.ibm.com/developerworks/websphere/techjournal/1004_chao/1004_chao.html
Identity federation using SAML and WebSphere software
Supporting identity federation using an Enterprise Service Bus and WebSphere software
http://www.ibm.com/developerworks/webservices/library/ws-SAMLWAS/index.html
Configure secure communications with WebSphere Application Server and WebSphere Message Broker using SAML 2.0 tokens and Tivoli Federated Identity Manager
http://www.ibm.com/developerworks/websphere/library/techarticles/1104_katagall/1104_katagall.html
Using SAML support in WebSphere Application Server Version 7.0 Fix Pack 7 with Tivoli Federated Identity Manager Version 6.2.0
http://www.ibm.com/developerworks/websphere/library/techarticles/1107_acree/1107_acree.html

Integrating SPNEGO with IBM Sametime 8.5.2 components using IBM WebSphere Application Server 7.0.15
http://www.ibm.com/developerworks/lotus/documentation/spnegowithsametime852/

3.11.10WAS 7 Feature Packs - Open SCA, XML, Mobile, OSGi

Redbooks Getting Started with WebSphere Application Server Feature Pack for Service Component Architecture
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4633.html

Redbooks Getting Started with the WebSphere Application Server Feature Pack for XML
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4654.html

Get the WebSphere Application Server 7.0 XML Feature Pack Tech Preview
Improve developer efficiency and reduce maintenance costs with three new features
http://www.ibm.com/developerworks/library/x-was7xmlfp/index.html

Putting it all together: Mobile application services and Dojo
Using Web 2.0 and Mobile application service building blocks with Dojo to create a mobile client application
http://www.ibm.com/developerworks/websphere/techjournal/1106_rheinheimer/1106_rheinheimer.html

Using the WebSphere Application Server Feature Pack for Web 2.0 and Mobile to view web application usage patterns and other analytics data
http://www.ibm.com/developerworks/websphere/techjournal/1106_dingsor/1106_dingsor.html

Comment lines: What makes for good modularity and why OSGi is awesome
http://www.ibm.com/developerworks/websphere/techjournal/1106_col_nottingham/1106_col_nottingham.html

4   WebSphere Process Server 6.X Reference Material

4.1   WebSphere Process Server

DeveloperWorks Zone: WebSphere Process Server and WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/zones/businessintegration/wps/wps.html

IBM Press WebSphere Business Integration Primer: Process Server, BPEL, SCA, and SOA
http://www.ibmpressbooks.com/bookstore/product.asp?isbn=013224831X

4.1.1   InfoCenter – WebSphere Process Server

WebSphere Process Server and WebSphere Integration Developer Information Center
  V6.0 - http://publib.boulder.ibm.com/infocenter/dmndhelp/v6rxmx/index.jsp
  V6.1 - http://publib.boulder.ibm.com/infocenter/dmndhelp/v6r1mx/index.jsp
  V6.2 - http://publib.boulder.ibm.com/infocenter/dmndhelp/v6r2mx/index.jsp

4.1.2   IBM Education Assistant

WebSphere Process Server, WebSphere Integration Developer 6
http://publib.boulder.ibm.com/infocenter/ieduasst/v1r1m0/index.jsp?
topic=/com.ibm.iea.wpi_v6/plugin_coverpage.html

4.1.3   Business Process Management Samples & Tutorials

Business Process Management Samples & Tutorials
  V6.0 - http://publib.boulder.ibm.com/bpcsamp/v6r0/index.html
  V6.1 - http://publib.boulder.ibm.com/bpcsamp/v6r1/index.html
  V6.2 -http://publib.boulder.ibm.com/bpcsamp/v6r2/index.html

4.1.4   DeveloperWorks Forums

WebSphere Process Server
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=820
WebSphere Enterprise Service Bus
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=1672
WebSphere Integration Developer
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=821
Business Processes with BPEL4WS
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=167
WebSphere Adapters
http://www.ibm.com/developerworks/forums/forum.jspa?forumID=2157

4.1.5   IBM Business Process Management Journal

http://www.ibm.com/developerworks/websphere/bpmjournal/

4.1.6   IBM WebSphere Developer Technical Journal

http://www.ibm.com/developerworks/websphere/techjournal/

4.1.7   WebSphere Technical Exchange Webcasts

http://www-01.ibm.com/software/websphere/support/supp_tech.html

4.1.8   Redbooks – WebSphere Process Server

Redbooks Technical Overview of WebSphere Process Server and WebSphere Integration
Developer

http://www.redbooks.ibm.com/abstracts/redp4041.html

RedbooksPatterns: Building Serial and Parallel Processes with WebSphere Process Server V6
http://www.redbooks.ibm.com/redpieces/abstracts/sg247205.html

RedbooksLeading Practices for WebSphere Dynamic Process Edition V6.2
http://www.redbooks.ibm.com/redpieces/abstracts/sg247776.html

4.1.9 DeveloperWorks – WebSphere Business Integration

http://www-128.ibm.com/developerworks/websphere/zones/businessintegration/

4.1.10 WebSphere Process Server Information Roadmap

http://www-128.ibm.com/developerworks/websphere/zones/businessintegration/roadmaps/wps/index.html

4.1.11 WPS Intro

Introduction to packaging in WebSphere Process Server
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0512_phan2/0512_phan2.html

4.1.12 WebSphere Integration Developer (WID)

Featured documents for WebSphere Integration Developer
http://www-01.ibm.com/support/docview.wss?uid=swg27009453
IBM WebSphere Developer Technical Journal: Get started with WebSphere Integration
Developer
http://www-128.ibm.com/developerworks/websphere/techjournal/0512_peterson/0512_peterson.html
IBM WebSphere Developer Technical Journal: A guided tour of WebSphere Integration
Developer -- Part 1
http://www-128.ibm.com/developerworks/websphere/techjournal/0602_gregory/0602_gregory.html
IBM WebSphere Developer Technical Journal: A guided tour of WebSphere Integration
Developer -- Part 2
http://www.ibm.com/developerworks/websphere/techjournal/0603_gregory/0603_gregory.html
IBM WebSphere Developer Technical Journal: A guided tour of WebSphere Integration
Developer -- Part 3
http://www-128.ibm.com/developerworks/websphere/techjournal/0604_gregory/0604_gregory.html
Getting connected with WebSphere Integration Developer adapters : Part 1, An introduction
to connecting with adapters
http://www.ibm.com/developerworks/websphere/techjournal/0704_gregory1/0704_gregory1.html
Getting connected with WebSphere Integration Developer adapters : Part 2, An introduction
to the WebSphere Adapter for Flat Files
http://www.ibm.com/developerworks/websphere/techjournal/0705_gregory/0705_gregory.html
Webcast replay: WebSphere Integration Developer 6.2 Installation and Upgrade -- Issues and
Best Practices
http://www-01.ibm.com/support/docview.wss?uid=swg27017563

4.1.13 Service Component Architecture (SCA)

IBM WebSphere Developer Technical Journal: Building SOA solutions with the Service
Component Architecture -- Part 1
http://www-128.ibm.com/developerworks/websphere/techjournal/0510_brent/0510_brent.html
IBM WebSphere Developer Technical Journal: Building SOA solutions with the Service
Component Architecture -- Part 2
http://www-128.ibm.com/developerworks/websphere/techjournal/0512_barcia/0512_barcia.html

IBM WebSphere Developer Technical Journal: Building SOA solutions with the Service
Component Architecture -- Part 3
http://www-128.ibm.com/developerworks/websphere/techjournal/0602_barcia/0602_barcia.html
IBM WebSphere Developer Technical Journal: Building SOA solutions with the Service
Component Architecture -- Part 4
http://www-128.ibm.com/developerworks/websphere/techjournal/0604_barcia/0604_barcia.html
Defining a J2EE role on Service Component Architecture components with WebSphere
Integration Developer 6.0.1
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0602_charpentier/0602_charpentier.html
WebSphere Process Server invocation styles
http://www.ibm.com/developerworks/websphere/library/techarticles/0811_chacko/0811_chacko.html
Asynchronous processing in WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0904_fong/0904_fong.html
Exploring WebSphere Process Server transactionality
http://www.ibm.com/developerworks/websphere/library/techarticles/0906_fasbinder/0906_fasbinder.html
Webcast replay: Transactions in WebSphere Process Server
http://www-01.ibm.com/support/docview.wss?uid=swg27017626
Event sequencing using WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0910_wadley/0910_wadley.html
Event Sequencing
http://www.ibm.com/developerworks/webservices/library/ws-eventseq/index.html

4.1.14 Data Translation, Mapping, and Relationships

WebSphere Process Server relationship service, Part 1: Static relationships
http://www.ibm.com/developerworks/websphere/library/techarticles/0604_lainwala/0604_lainwala.html
WebSphere Process Server relationship service: Part 2, Dynamic relationships
http://www.ibm.com/developerworks/websphere/library/techarticles/0605_lainwala/0605_lainwala.html
Developing integration solutions with WebSphere Process Server relationships
http://www.ibm.com/developerworks/websphere/techjournal/0802_busjaeger/0802_busjaeger.html
Managing WebSphere Process Server Relationship Service database objects
http://www.ibm.com/developerworks/websphere/library/techarticles/0811_tikhonova/0811_tikhonova.html
Working with WebSphere Process Server Relationship Service APIs: Part 1: Pre-populating
relationship instance tables
http://www.ibm.com/developerworks/websphere/library/techarticles/0902_sun/0902_sun.html
XML mapping in WebSphere Integration Developer V6.1.2: Part 1: Using the XML Mapping
Editor to develop maps
http://www.ibm.com/developerworks/websphere/library/techarticles/0811_rice/0811_rice.html
XML mapping in WebSphere Integration Developer V6.1.2, Part 2: Working with complex
XML structures
http://www.ibm.com/developerworks/websphere/library/techarticles/0812_rice/0812_rice.html
Using WebSphere Transformation Extender V8.2 with WebSphere Process Server and
WebSphere ESB V6.1, Part 1: Generating the WTX maps for use with WebSphere Process
Server and WebSphere ESB
http://www.ibm.com/developerworks/websphere/library/tutorials/0807_mulley1/0807_mulley.html
Using WebSphere Transformation Extender V8.2 with WebSphere Process Server and
WebSphere ESB V6.1, Part 2: Utilizing the WTX Data Binding with the Flat File Adapter
http://www.ibm.com/developerworks/websphere/library/tutorials/0807_mulley2/0807_mulley.html
Validating business objects in Websphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0907_xie/0907_xie.html

Building mediation flows in WebSphere Integration Developer for deployment on WebSphere ESB or WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0908_ferrier/0908_ferrier.html
Webcast replay: Mediation Module Development in WebSphere Integration Developer (WID)
http://www-01.ibm.com/support/docview.wss?uid=swg27017137
Improving application efficiency with the Claim Check pattern in WebSphere Integration Developer V6.2.0.1
http://www.ibm.com/developerworks/websphere/library/techarticles/1006_kharlamov/1006_kharlamov.html
Getting started with Media Extender for WebSphere Process Server, Part 1: Overview: Concept and fundamental usage
http://www.ibm.com/developerworks/webservices/library/ws-gettingstartedmediaextender/index.html

4.1.15 Business Process Choreography

WebSphere Process Server V6 – Business Process Choreographer: Concepts and Architecture
http://www-01.ibm.com/support/docview.wss?uid=swg27008938
WebSphere Process Server V6.1 – Business Process Choreographer: Concepts and Architecture
http://www-01.ibm.com/support/docview.wss?uid=swg27012826
WebSphere Process Server V6 – Business Process Choreographer Programming Model
http://www.ibm.com/support/docview.wss?uid=swg27007157
WebSphere Process Server V6.1 – Business Process Choreographer Programming Model
http://www-01.ibm.com/support/docview.wss?uid=swg27012602
Authorization and staff resolution in Business Process Choreographer: Part 1: Understanding the concepts and components of staff resolution
http://www.ibm.com/developerworks/websphere/techjournal/0710_lind/0710_lind.html
Authorization and staff resolution in Business Process Choreographer: Part 2: Understanding the programming model for staff resolution
http://www.ibm.com/developerworks/websphere/techjournal/0711_lind/0711_lind.html
Authorization and staff resolution in Business Process Choreographer: Part 3: Customization options for staff resolution
http://www.ibm.com/developerworks/websphere/techjournal/0712_lind/0712_lind.html
Authorization and staff resolution in Business Process Choreographer: Part 4: Staff resolution specifications and reference guide
http://www.ibm.com/developerworks/websphere/techjournal/0801_lind/0801_lind.html
PA71: WebSphere Process Server - Query Table Builder
http://www-01.ibm.com/support/docview.wss?uid=swg24021440
Using the Query Table Builder in WebSphere Process Server V6.2
http://www.ibm.com/developerworks/websphere/library/techarticles/0909_grundler/0909_grundler.html
Business Process Choreographer query() and queryAll() - How to access processes, tasks and work items through the API and JDBC
http://www-01.ibm.com/support/docview.wss?uid=swg27010849
Business Process Choreographer Explorer - Customization and Tuning Options
http://www-01.ibm.com/support/docview.wss?uid=swg27014031
Repairing processes with WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0812_robeller/0812_robeller.html
Implementing the cancellation function in WebSphere Process Server, Part 1: Adding the correlation set and event handler
http://www.ibm.com/developerworks/websphere/library/techarticles/1009_cheng1/1009_cheng1.html

4.1.16 Human Tasks

Redbooks®Human-Centric Business Process Management with WebSphere Process Server V6

http://www.redbooks.ibm.com/abstracts/sg247477.html

SOA programming model for implementing Web services, Part 8: Human-based Web services
http://www.ibm.com/developerworks/webservices/library/ws-soa-progmodel8/

Selecting a human task with custom properties using WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0803_kolban/0803_kolban.html

Webcast replay: WebSphere Process Server - Using Query Tables in Business Process Choreographer
http://www-01.ibm.com/support/docview.wss?uid=swg27017814

WebSphere Process Server 6.2: Dynamic Human Workflows – Introduction and Best Practices
http://www-01.ibm.com/support/docview.wss?uid=swg27016314

Dynamically retrieve and map human task information with WebSphere BPM V6.2
http://www.ibm.com/developerworks/websphere/library/techarticles/1106_gu/1106_gu.html

4.1.17 Business Calendar

Using WebSphere Process Server business calendars in business processes
http://www.ibm.com/developerworks/websphere/library/techarticles/0903_khangaonkar/0903_khangaonkar.html

4.1.18 Business Rules

Extending the power of the WebSphere Process Server business rules component
http://www.ibm.com/developerworks/websphere/library/techarticles/0905_dinardo/0905_dinardo.html

4.1.19 Business Space and User Interfaces

Customizing HTML-Dojo forms for Business Space powered by WebSphere
http://www.ibm.com/developerworks/websphere/techjournal/0810_kreis/0810_kreis.html

Developing custom widgets using DOJO, Part 1: Generating Dojo markup using a generic markup handler
http://www.ibm.com/developerworks/websphere/library/techarticles/0912_khanna/0912_khanna.html

Developing custom widgets for Business Space using Dojo, Part 2: Creating a Dojo DataGrid component using a generic grid handler
http://www.ibm.com/developerworks/websphere/library/techarticles/1001_khanna/1001_khanna.html

Customizing WebSphere Business Space V6.2 Human Management widgets
How to display customized business data in human tasks or processes lists using query tables
http://www.ibm.com/developerworks/websphere/library/techarticles/1002_rodriguez/1002_rodriguez.html

Access WebSphere Process Server V6.0 business processes with PHP
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0602_smolny/0602_smolny.html

Interacting with BPEL HumanTask using JSF
Using JSF to provide the functionality of BPC Explorer
http://www.ibm.com/developerworks/webservices/library/ws-BPELhumantask/index.html

Developing Eclipse Rich Client Platform applications for WebSphere: Part 5: Process human tasks in WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/tutorials/0711_xu/0711_xu.html

Integrating a Dojo client with an SCA application via SCA HTTP binding
http://www.ibm.com/developerworks/websphere/tutorials/0911_kharlamov/index.html

Develop a rich Web client for a business process application with WebSphere Integration Developer, WebSphere Process Server, and Adobe Flex
http://www.ibm.com/developerworks/websphere/library/techarticles/1003_xue/1003_xue.html

Overview of bidirectional script support in IBM WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/bidi/bidiwps.html

Feeding iPhone applications with WebSphere Process Server V6.2 services
http://www.ibm.com/developerworks/websphere/tutorials/1001_felix/index.html

Setting custom properties for new query requirements in WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/1006_cheng/1006_cheng.html
Implementing pagination query of business requests with custom properties in WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/1008_cheng/1008_cheng.html

4.1.20 Error Handling

Redbooks. IBM WebSphere Process Server Best Practices in Error Prevention Strategies and Solution Recovery
http://www.redbooks.ibm.com/abstracts/REDP4466.html
Exception handling in WebSphere Process Server and WebSphere Enterprise Service Bus
http://www.ibm.com/developerworks/websphere/library/techarticles/0705_fong/0705_fong.html
Error handling in WebSphere Process Server, Part 1: Developing an error handling strategy
http://www.ibm.com/developerworks/websphere/library/techarticles/0810_chacko/0810_chacko.html
BPEL fault handling in WebSphere Integration Developer and WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0704_desai/0704_desai.html

4.1.21 Versioning and Dynamicity

Versioning and dynamicity with WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0602_brown/0602_brown.html
Versioning and dynamicity: Part 1: Creating multiple versions of a business process with WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0802_fasbinder/0802_fasbinder.html
Versioning and dynamicity: Part 2: Applying versioning and process dynamicity using WebSphere Process Server V6.1
http://www.ibm.com/developerworks/websphere/library/techarticles/0803_fasbinder/0803_fasbinder.html
Versioning business processes and human tasks in WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0808_smolny/0808_smolny.html
Using binary Jar files with WebSphere Integration Developer and WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/1005_taylor/1005_taylor.html
By-reference sharing of Java binaries, XML schemas, and interface definitions in WebSphere Process Server (using Shared Libraries)
http://www-01.ibm.com/support/docview.wss?rs=2307&uid=swg21322617
Setting custom properties for new query requirements in WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/1006_cheng/1006_cheng.html

4.1.22 Security

WebSphere Process Server security overview
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0602_khangaonkar/0602_khangaonkar.html
WebSphere Security Integration Patterns
http://www-01.ibm.com/support/docview.wss?rs=180&context=SSEQTP&uid=swg27018200
Securing JMS connections to WebSphere Enterprise Service Bus V6.1 or V6.2
http://www.ibm.com/developerworks/websphere/library/techarticles/0902_screen/0902_screen.html

4.1.23 Team Development (Source Code Control)

Team development with WebSphere Integration Developer and WebSphere Process Server: Developing applications using CVS
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0604_beers/0604_beers.html

Develop an automated build engine for Service Component Architecture applications using WebSphere Integration Developer

http://www.ibm.com/developerworks/websphere/library/techarticles/0711_manekar/0711_manekar.html

Webcast replay: Use of ClearCase in WebSphere Integration Developer

http://www-01.ibm.com/support/docview.wss?uid=swg27017539

Team development and artifact management in WebSphere Integration Developer v6.2

http://www.ibm.com/developerworks/webservices/library/ws-WIDdev/index.html

4.1.24 Common Event Infrastructure (CEI)

Use Common Event Infrastructure for business-level logging to improve business processes

http://www-128.ibm.com/developerworks/websphere/library/techarticles/0512_becker/0512_becker.html

4.1.25 Logging

Using logging and tracing in the WebSphere Commerce custom code

http://www.ibm.com/developerworks/websphere/library/techarticles/0802_voldman/0802_voldman.html

The Support Authority: A developer's guide to WebSphere Application Server logging

http://www.ibm.com/developerworks/websphere/techjournal/0802_supauth/0802_supauth.html

*although these are written for WebSphere Commerce and WebSphere Application Server, they are applicable to WPS.

4.1.26 High Availability, Clustering, and Disaster Recovery

Redbooks.WebSphere Business Process Management V6.1.2 Production Topologies

http://www.redbooks.ibm.com/abstracts/sg247665.html

Redbooks.WebSphere Business Process Management V6.2 Production Topologies

http://www.redbooks.ibm.com/abstracts/sg247732.html

Redbooks.z/OS: WebSphere Business Process Management V6.2 Production Topologies

http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247733.html

WebSphere Process Server operational architecture: Part 1: Base architecture and infrastructure components

http://www.ibm.com/developerworks/websphere/library/techarticles/0809_faulhaber/0809_faulhaber.html

Using WebSphere Process Server operational architecture to design your applications: Part 2: Implementation: SCA runtime, Business Process Choreographer, and supporting services

http://www.ibm.com/developerworks/websphere/library/techarticles/0901_faulhaber/0901_faulhaber.html

IBM WebSphere Developer Technical Journal: Basic steps for clustering WebSphere Process Server

http://www-128.ibm.com/developerworks/websphere/techjournal/0604_chilanti/0604_chilanti.html

Configuring WebSphere Process Server with an Oracle database

http://www.ibm.com/developerworks/websphere/library/techarticles/0605_kapadia/0605_kapadia.html

Building a high availability database environment using WebSphere middleware: Part 2: Using Oracle Real Application Cluster (RAC) with WebSphere Process Server

http://www.ibm.com/developerworks/websphere/techjournal/0706_banerjee/0706_banerjee.html

WebSphere Process Server Version 6.2.0 with Oracle 10g & 11g Configuring for XA Recovery

http://www-01.ibm.com/support/docview.wss?rs=2307&uid=swg27015748

Building clustered topologies in WebSphere Process Server V6.1

http://www.ibm.com/developerworks/websphere/library/techarticles/0803_chilanti/0803_chilanti.html

Asynchronous replication of WebSphere Process Server and WebSphere Enterprise Service Bus for disaster recovery environments

http://www.ibm.com/developerworks/websphere/library/techarticles/0809_redlin/0809_redlin.html
Configuring efficient messaging in multicluster WebSphere Process Server cells
http://www.ibm.com/developerworks/websphere/library/techarticles/0811_roberts/0811_roberts.html
Expanding clustered topologies for WebSphere Process Server and WebSphere Enterprise
Service Bus - Configuration patterns and design decisions
http://www.ibm.com/developerworks/websphere/library/techarticles/0901_herness/0901_herness.html
Setup and considerations for double Remote Messaging and Remote Support topology usage
https://www.ibm.com/developerworks/websphere/tutorials/0906_weiser/
Setting up high-availability clusters in WebSphere Enterprise Service Bus
http://www.ibm.com/developerworks/websphere/library/techarticles/0812_howes/0812_howes.html
Ensure higher availability by making your XA transaction manager resilient to resource
manager failures
http://www.ibm.com/developerworks/websphere/techjournal/0907_sood/0907_sood.html
Restoring the WebSphere Process Server deployment manager
http://www.ibm.com/developerworks/websphere/library/techarticles/0905_sripathi/0905_sripathi.html
Webcast replay: Best Practices for Clustering WebSphere Process Server v6.0.2
http://www-01.ibm.com/support/docview.wss?uid=swg27010103
Deploying and configuring WebSphere Adapters in a clustered environment
http://www.ibm.com/developerworks/websphere/library/techarticles/0909_jain/0909_jain.html
IBM BPM whitepaper: Use WebSphere Adapter in WebSphere High Availability
Environment
https://www14.software.ibm.com/webapp/iwm/web/signup.do?source=sw-app&S_PKG=wpswasadapt

4.1.27 Administration

IBM Press. WebSphere Application Server Administration Using Jython
http://www.ibmpressbooks.com/bookstore/product.asp?isbn=0137009526
Using Jython Scripting Language With WSADMIN
http://www-03.ibm.com/support/techdocs/atsmastr.nsf/WebIndex/WP100963
Sample Scripts for WebSphere Application Server Versions 5 and 6
http://www.ibm.com/developerworks/websphere/library/samples/SampleScripts.html
Scripting from scratch: Creating a Jython administrative script for IBM WebSphere
Application Server
http://www.ibm.com/developerworks/websphere/library/techarticles/1004_gibson/1004_gibson.html
Managing WebSphere Adapters more effectively through wsadmin in WebSphere Process
Server 1
http://www.ibm.com/developerworks/websphere/library/techarticles/0910_xing/0910_xing.html
Managing WebSphere Adapters more effectively through wsadmin in WebSphere Process
Server 2
Advanced management and script migration
http://www.ibm.com/developerworks/websphere/library/techarticles/1001_yu/1001_yu.html
Operating a WebSphere Process Server environment, Part 1: Overview
http://www.ibm.com/developerworks/websphere/library/techarticles/0912_herrmann1/0912_herrmann1.html
Operating a WebSphere Process Server environment, Part 2: Options for maintaining an
optimal Business Process Choreographer database size
http://www.ibm.com/developerworks/websphere/library/techarticles/0912_herrmann2/0912_herrmann2.html
Operating a WebSphere Process Server environment, Part 3: Setup, configuration, and
maintenance of the WebSphere Process Server Business Process Choreographer database
http://www.ibm.com/developerworks/websphere/library/techarticles/0912_grundler/0912_grundler.html
Operating a WebSphere Process Server environment, Part 4: Archiving considerations for
WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/1105_weiser/1105_weiser.html

Starting WebSphere Process Server processes regularly with the WebSphere Application Server scheduling service
http://www-01.ibm.com/support/docview.wss?rs=2307&uid=swg27017188

4.1.28 Automated Build

Develop an automated build engine for Service Component Architecture applications using WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/library/techarticles/0711_manekar/0711_manekar.html

4.1.29 Testing

Endurance testing with WebSphere Process Server V6.1
http://www.ibm.com/developerworks/websphere/library/techarticles/0810_gunasekaran/0810_gunasekaran.html
Test-driven development in an SOA environment: Part 1: Testing data maps
http://www.ibm.com/developerworks/websphere/techjournal/0807_vines/0807_vines.html
Test-driven development in an SOA environment: Part 2: Continuous integration with WebSphere Process Server
http://www.ibm.com/developerworks/websphere/techjournal/0812_vines/0812_vines.html
Taking component testing to the next level in WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/library/techarticles/0806_gregory/0806_gregory.html
Testing SOA applications with WebSphere Integration Developer and Ant scripts
http://www.ibm.com/developerworks/websphere/library/techarticles/0903_bist/0903_bist.html
Webcast replay: Automating End-to-End Testing using Headless WebSphere Integration Developer
http://www-01.ibm.com/support/docview.wss?uid=swg27017772

4.1.30 Performance

Redbooks WebSphere Business Process Management (BPM) 6.2.0 Performance Tuning
http://www.redbooks.ibm.com/redpieces/abstracts/redp4551.html
Best practices for BPM and SOA performance
http://www.ibm.com/developerworks/websphere/library/techarticles/1008_metzger/1008_metzger.html
Comment lines: Alexandre Polozoff: How well does traditional performance testing apply to SOA solutions?
http://www.ibm.com/developerworks/websphere/techjournal/0802_col_polozoff/0802_col_polozoff.html
Performance tuning of throughput-based SOA solutions for WebSphere Process Server
Practical introduction to performance tuning that will help you master your next BPM project
http://www.ibm.com/developerworks/websphere/library/techarticles/1009_faulhaber/1009_faulhaber.html
Tips and techniques for optimizing WebSphere Business Process Choreographer Explorer
http://www.ibm.com/developerworks/websphere/library/techarticles/0810_ambati/0810_ambati.html
Proactive WebSphere Enterprise Service Bus (WESB) Mediation: Timing a Mediation Module
http://www.ibm.com/developerworks/webservices/tutorials/ws-WESB-Mediation-Module/index.html
Using a cache to improve performance for custom policy retrieval from WebSphere Service Registry and Repository in WebSphere ESB
http://www.ibm.com/developerworks/websphere/techjournal/0906_desprets/0906_desprets.html
WebSphere Process Server throughput management, Part 1 Implementing an intelligent store and forward capability
http://www.ibm.com/developerworks/websphere/library/techarticles/0907_hopkins/0907_hopkins.html
WebSphere Process Sever throughput management, Part 2 Workload throttling
http://www.ibm.com/developerworks/websphere/library/techarticles/0909_hopkins/0909_hopkins.html

Planning and handling timeouts in service-oriented environments
http://www.ibm.com/developerworks/websphere/techjournal/0909_tost/0909_tost.html
Using DynaCache to improve the performance of your WebSphere Process Server or WebSphere ESB solution
http://www.ibm.com/developerworks/websphere/tutorials/0912_telerman/
Measuring performance of WebSphere Process Server applications using the Request Metrics tool
http://www.ibm.com/developerworks/websphere/library/techarticles/1004_pawlikowski/1004_pawlikowski.html

4.1.31 Problem Determination

Problem determination in WebSphere Process Server
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0601_tung/0601_tung.html
Analyzing Java virtual machine performance in WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0811_gunasekaran/0811_gunasekaran.html
Debugging SCA Component using Cross Component Trace feature in WebSphere Process Server
http://www-01.ibm.com/software/websphere/support/TE/techex_H463638N47916M65.html
Troubleshooting WebSphere Process Server deadlocks and timeouts
http://www.ibm.com/developerworks/websphere/library/techarticles/1005_fastovets/1005_fastovets.html

4.1.32 WebSphere InterChange Server migration to WebSphere Process Server

Migrating WebSphere InterChange Server and Adapters to WebSphere Process Server V6.2 & Best Practices
http://www.redbooks.ibm.com/abstracts/sg247415.html
Migrating WebSphere InterChange Server solutions to WebSphere Process Server V6: A simple migration example -- Part 1
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0511_mckinstry/0511_mckinstry.html
Migrate WebSphere InterChange Server solutions to WebSphere Process Server V6: Artifacts generated by migration -- Part 2
http://www.ibm.com/developerworks/websphere/library/techarticles/0512_mckinstry/0512_mckinstry.html
Migrating WebSphere InterChange Server artifacts to WebSphere Process Server artifacts, Part 1: Migrating collaboration templates to BPEL
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0612_seacat/0612_seacat.html
Migrating WebSphere InterChange Server artifacts to WebSphere Process Server artifacts, Part 2: Understanding the WebSphere Process Server SCA components
http://www.ibm.com/developerworks/websphere/library/techarticles/0703_seacat/0703_seacat.html
Migrating WebSphere Business Integration Adapter solutions to WebSphere Process Server V6
http://www.ibm.com/developerworks/websphere/library/techarticles/0706_ouda/0706_ouda.html
Integrate WebSphere Business Integration Adapters with WebSphere Process Server Version 6: Part 1. Application Event Notification (AgentDelivery) scenario
http://www.ibm.com/developerworks/websphere/library/techarticles/0601_reddy/0601_reddy.html
Differences between WebSphere InterChange Server and WebSphere Process Server support for event sequencing
http://www.ibm.com/developerworks/websphere/library/techarticles/0707_obas/0707_obas.html
Running migrated WebSphere InterChange Server projects in WebSphere Process Server with global and J2EE security enabled

http://www.ibm.com/developerworks/websphere/library/techarticles/0709_obas/0709_obas.html
Migrating a business solution from WebSphere Business Integration Adapters to WebSphere Adapters V6.2
http://www.ibm.com/developerworks/websphere/library/techarticles/1007_parate/1007_parate.html

4.1.33 WebSphere MQ Workflow migration to WebSphere Process Server

Redbooks®IBM Redbook WebSphere MQ Workflow Transition to WebSphere Process Server
http://www.redbooks.ibm.com/abstracts/sg247282.html
WebSphere MQ Workflow to WebSphere Process Server Transition, Example of a custom process instance migration
http://www-01.ibm.com/support/docview.wss?rs=2307&uid=swg27015700
WebSphere MQ Workflow - FDL2BPEL Conversion
The converter translates major aspects of WMQWF process models (FDL) to WPS business processes (WS-BPEL).
http://www-01.ibm.com/support/docview.wss?rs=2307&uid=swg27013872
FDL-to-BPEL documentation (includes migration mapping rules and other useful hints)
http://www-01.ibm.com/support/docview.wss?uid=swg27013872&aid=5

4.1.34 WebSphere Business Integration Server Foundation migration to WebSphere Process Server

Redbooks®Migrating WebSphere Business Integration Server Foundation to WebSphere Process Server & Best Practices
http://www.redbooks.ibm.com/abstracts/sg247416.html

4.2 WebSphere Enterprise Service Bus (WESB)

DeveloperWorks Zone: WebSphere Enterprise Service Bus
http://www.ibm.com/developerworks/websphere/zones/businessintegration/wesb.html
Developing custom mediations for WebSphere Enterprise Service Bus
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0601_daniels/0601_daniels.html
IBM WebSphere Developer Technical Journal: Building a powerful, reliable SOA with JMS and WebSphere ESB -- Part 1
http://www-128.ibm.com/developerworks/websphere/techjournal/0602_tost/0602_tost.html
IBM WebSphere Developer Technical Journal: Building a powerful, reliable SOA with JMS and WebSphere ESB -- Part 2
http://www-128.ibm.com/developerworks/websphere/techjournal/0603_tost/0603_tost.html
IBM WebSphere Developer Technical Journal: Building a powerful, reliable SOA with JMS and WebSphere ESB -- Part 3
http://www-128.ibm.com/developerworks/websphere/techjournal/0604_tost/0604_tost.html
Tip: Improve the display of logged messages in WebSphere ESB V6.1
http://www.ibm.com/developerworks/websphere/library/techarticles/0804_perepa2/0804_perepa2.html
Aggregation functionality in IBM WebSphere Enterprise Service Bus V6.1, Part 1: Introduction to Aggregation
http://www.ibm.com/developerworks/library/ws-webspheresb1/index.html
Aggregation functionality in IBM WebSphere Enterprise Service Bus V6.1, Part 2: Service invocation
http://www.ibm.com/developerworks/library/ws-webspheresb2/index.html
Aggregation functionality in IBM WebSphere Enterprise Service Bus V6.1, Part 3: Best practices and patterns for aggregation
http://www.ibm.com/developerworks/library/ws-webspheresb3/index.html
What's new in WebSphere Enterprise Service Bus V6.2, Part 1: Overview

http://www.ibm.com/developerworks/websphere/library/techarticles/0906_jackson1/0906_jackson1.html

What's new in WebSphere Enterprise Service Bus V6.2, Part 2: Service gateway patterns
http://www.ibm.com/developerworks/websphere/library/techarticles/0906_jackson2/0906_jackson2.html

Using WebSphere ESB V6.2 as a Web services bridge between isolated IPv6 and IPv4 networks
http://www.ibm.com/developerworks/websphere/techjournal/0903_koehl/0903_koehl.html

4.3 WebSphere Business Modeler

IBM Pattern-based Process Model Accelerators for WebSphere Business Modeler, Part 1:
Quality and change management using process patterns
http://www.ibm.com/developerworks/websphere/tutorials/0906_gschwind/

IBM Pattern-based Process Model Accelerators for WebSphere Business Modeler, Part 2:
Patterns advanced usage and accelerators palette configuration
http://www.ibm.com/developerworks/websphere/library/techarticles/0907_gschwind/0907_gschwind.html

IBM Pattern-based Process Model Accelerators for WebSphere Business Modeler, Part 3:
Changing process models with ready-to-use transformations
http://www.ibm.com/developerworks/websphere/library/techarticles/0910_koehler/0910_koehler.html

IBM Pattern-based Process Model Accelerators for WebSphere Business Modeler, Part 4:
Improving process models through refactoring
http://www.ibm.com/developerworks/websphere/library/techarticles/0912_koehler/0912_koehler.html

Build and deploy a business process model using WebSphere Business Process Modeler Advanced and Lotus Forms, Part 3: Implement a mediation flow
http://www.ibm.com/developerworks/websphere/library/tutorials/0910_kiss/

Iterative development in WebSphere Business Modeler and WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/bpmjournal/0812_fasbinder3/0812_fasbinder3.html

Iterative development in business process management solutions
A model-centric approach using WebSphere Business Modeler and WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/library/techarticles/1005_defreitas/1005_defreitas.html

Model Synchronization between WBM and WID 6.1.2
Learn how to perform round-tripping between WebSphere Business Modeler (WBM) and WebSphere Integration Developer (WID) version 6.1.2
http://www.ibm.com/developerworks/library/ws-wbmtowid/index.html

Iterative development in business process management solutions
A model-centric approach using WebSphere Business Modeler and WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/library/techarticles/1005_defreitas/1005_defreitas.html

Comment lines: Modeling for execution, revisited
http://www.ibm.com/developerworks/websphere/techjournal/1004_col_xu/1004_col_xu.html

4.4 WebSphere Registry and Repository (WSRR)

Redbooks Integrating WebSphere Service Registry and Repository with WebSphere Process Server and WebSphere ESB
http://www.redbooks.ibm.com/Redbooks.nsf/RedpieceAbstracts/redp4557.html

Redbooks Integrating WebSphere Service Registry and Repository with WebSphere DataPower
http://www.redbooks.ibm.com/Redbooks.nsf/RedpieceAbstracts/redp4559.html

Redbooks Integrating WebSphere Service Registry and Repository with IBM Tivoli Security Policy Manager

IBM Software Services for WebSphere

http://www.redbooks.ibm.com/Redbooks.nsf/RedpieceAbstracts/redp4561.html

Redbooks Service Lifecycle Governance with IBM WebSphere Service Registry and Repository
http://www.redbooks.ibm.com/abstracts/SG247793.html

Redbooks Service Lifecycle Governance with IBM WebSphere Service Registry and Repository Advanced Lifecycle Edition
http://www.redbooks.ibm.com/abstracts/sg247782.html

Use mediation flows to integrate WebSphere Service Registry and Repository with WebSphere Process Server
http://www.ibm.com/developerworks/websphere/library/techarticles/0809_cui/0809_cui.html

Establish a policy-driven SOA using WebSphere Service Registry and Repository and WebSphere ESB
http://www.ibm.com/developerworks/websphere/techjournal/0810_tost/0810_tost.html

Service discovery in WebSphere Service Registry and Repository, Part 1: Set up and configure the environment
Discover run time services from enterprise systems automatically
http://www.ibm.com/developerworks/websphere/library/techarticles/0809_hua1/0809_hua1.html

Service discovery in WebSphere Service Registry and Repository, Part 2:
Configure and run the service discovery
http://www.ibm.com/developerworks/websphere/library/techarticles/0809_hua2/0809_hua2.html

Cataloging WebSphere MQ applications with WebSphere Service Registry and Repository
http://www.ibm.com/developerworks/websphere/library/techarticles/0905_lim/0905_lim.html

Automating service document deployment with the WebSphere Service Registry and Repository promotion feature
http://www.ibm.com/developerworks/websphere/library/techarticles/0905_fan/0905_fan.html

Policy lookup with WebSphere Service Registry and Repository using the policy resolution primitive in WebSphere ESB V6.2
http://www.ibm.com/developerworks/websphere/library/techarticles/0906_warrier/0906_warrier.html

Creating a modification plug-in for WebSphere Service Registry and Repository
http://www.ibm.com/developerworks/websphere/library/techarticles/0907_metting/0907_metting.html

Develop and Deploy Multi-Tenant Web-delivered Solutions using IBM middleware: Part 1: Challenges and architectural patterns
http://www.ibm.com/developerworks/webservices/library/ws-middleware/

Develop and Deploy Multi-Tenant Web-delivered Solutions using IBM middleware: Part 2: Approaches for enabling multi-tenancy
http://www.ibm.com/developerworks/webservices/library/ws-multitenantpart2/index.html

Develop and Deploy Multi-Tenant Web-delivered Solutions using IBM middleware: Part 3: Resource sharing, isolation and customization in the single instance multi-tenant application
http://www.ibm.com/developerworks/webservices/library/ws-multitenant/

Develop and Deploy Multi-Tenant Web-delivered Solutions using IBM middleware: Part 4: Design patterns for sharing resources in single instance multi-tenant applications
http://www.ibm.com/developerworks/webservices/library/ws-multitenantpart4/

Develop and Deploy Multi-Tenant Web-delivered Solutions Using IBM Middleware: Part 5: A mediation approach for multi-tenancy and three implementation options
http://www.ibm.com/developerworks/webservices/library/ws-multitenantpart5/index.html

Develop and Deploy Multi-Tenant Web-delivered Solutions Using IBM Middleware: Part 6: Web service mediation proxy pattern for routing multiple tenant requests using WebSphere Business Services Fabric
http://www.ibm.com/developerworks/webservices/tutorials/ws-multitenantpart6/index.html

Develop and Deploy Multi-Tenant Web-delivered Solutions Using IBM Middleware: Part 7: A Web service mediation proxy pattern for routing multiple tenant requests using WebSphere Enterprise Service Bus

http://www.ibm.com/developerworks/webservices/tutorials/ws-multitenantpart7/index.html

Develop and Deploy Multi-Tenant Web-delivered Solutions Using IBM Middleware: Part 8: A Web service mediation proxy pattern for routing of multiple tenant requests using WebSphere DataPower SOA appliance

http://www.ibm.com/developerworks/webservices/tutorials/ws-multitenantpart8/

IBM SOA Foundation product integration: A complete ESB Gateway solution featuring WebSphere DataPower, Tivoli Access Manager, and WebSphere Service Registry and Repository

http://www.ibm.com/developerworks/websphere/techjournal/0812_tellado/0812_tellado.html

Integrating IBM metadata repositories, Part 1: APIs for accessing Rational Asset Manager

http://www.ibm.com/developerworks/websphere/library/techarticles/0905_cfengli/0905_cfengli.html

Integrating IBM metadata repositories, Part 2: Governing the metadata lifecycle in WebSphere Service Registry and Repository

http://www.ibm.com/developerworks/websphere/library/techarticles/1002_wang/1002_wang.html

Integrating IBM metadata repositories, Part 3: Using Tivoli Application Dependency Discovery Manager to discover WebSphere Application Server service changes

http://www.ibm.com/developerworks/websphere/library/techarticles/1002_liang/1002_liang.html

4.5 WebSphere Business Services Fabric

Use WebSphere Business Services Fabric v6.1 to Build Composite Business Services: Part 4: Service Monitoring using Performance Manager

http://www.ibm.com/developerworks/webservices/library/ws-WSBFoverviewpart4/index.html

Composite business applications in WebSphere Business Services Fabric, Part 1: Authoring a CBA in Business Space

http://www.ibm.com/developerworks/websphere/library/techarticles/0905_dlau/0905_dlau.html

Composite business applications in WebSphere Business Services Fabric, Part 2: Modeling and implementing a composite business application

http://www.ibm.com/developerworks/websphere/library/techarticles/1002_lau/1002_lau.html

Dynamically select adapters based on context using WebSphere Business Services Fabric

http://www.ibm.com/developerworks/websphere/library/techarticles/1005_jain/1005_jain.html

4.6 WebSphere Business Monitor

A technical deep dive into the global process monitor model
Hone your monitor model development skills with this under-the-hood look at the global process monitor model

http://www.ibm.com/developerworks/websphere/library/techarticles/1002_frank/1002_frank.html

Business process monitoring in WebSphere Process Server V6.2 using WebSphere Business Monitor V6.2, Part 1: Configuring the integration

http://www.ibm.com/developerworks/websphere/library/techarticles/0912_cui/0912_cui.html

Integrating WPS and WBM Complete cross-cell instructions

http://www-01.ibm.com/support/docview.wss?uid=swg21396255

Configure database high availability for WebSphere Business Monitor V6.2

http://www.ibm.com/developerworks/websphere/library/techarticles/1004_huang/1004_huang.html

Creating a Flex-based widget to display WebSphere Business Monitor data in Business Space

http://www.ibm.com/developerworks/websphere/library/techarticles/0904_johnson/0904_johnson.html

Improve performance and usability by implementing TopCount functionality for WebSphere Business Monitor dimensions with DB2 Alphablox

http://www.ibm.com/developerworks/websphere/library/techarticles/0909_angani/0909_angani.html

Multi-module monitoring with the WebSphere BPM suite
Use two new plug-ins to achieve end-to-end business process monitoring

http://www.ibm.com/developerworks/websphere/library/techarticles/1003_lakshmanan/1003_lakshmanan.html

Business activity monitoring of industry verticals

An integration use case for WebSphere Business Monitor and the WebSphere Business Services Fabric Industry Content Packs
http://www.ibm.com/developerworks/websphere/library/techarticles/1002_lu/1002_lu.html

4.7 Monitoring and Management

Redbooks Managing SOA Environments with Tivoli
http://www.redbooks.ibm.com/redpieces/abstracts/redp4318.html

Managing an SOA environment with WebSphere ESB and Tivoli Composite Application Manager for SOA
http://www.ibm.com/developerworks/websphere/library/techarticles/0808_han/0808_han.html

Software as a service: Usage based metering and billing for multi-tenant Web service resources using IBM Tivoli Usage and Accounting Manager
http://www.ibm.com/developerworks/offers/lp/demos/summary/tv-saastuam.html

Monitoring your SAP system using WebSphere SAP Adapter and WebSphere Business Monitor
http://www.ibm.com/developerworks/websphere/tutorials/0907_kumar/

Using ITCAM for SOA to monitor BPM Systems: Part 1: Setup the environment with ITCAM for SOA and WDPE
Install, integrate and setup the ITCAM for SOA and WDPE
http://www.ibm.com/developerworks/webservices/library/ws-ITCAMpart1/index.html

Using ITCAM for SOA to monitor BPM Systems: Part 2: How ITCAM for SOA monitors service-oriented architectures
Understand the metrics for SOA system and how ITCAM for SOA display the metrics to present SOA system status
http://www.ibm.com/developerworks/webservices/library/ws-ITCAMpart2/index.html

Using ITCAM for SOA to monitor BPM Systems: Part 3: Using Service-to-Service topology view
Using Service-to-Service topology view to monitor the WDPE model and runtime invocation execution path
http://www.ibm.com/developerworks/webservices/library/ws-ITCAMpart3/index.html

Using ITCAM for SOA to monitor BPM Systems: Part 4: Monitor ND cluster environment
Using ITCAM for SOA to monitor and analysis ND cluster environment
http://www.ibm.com/developerworks/webservices/library/ws-ITCAMpart4/index.html

Availability and Response Time Management in SOA environment with Tivoli Composite Application Manager for Transactions: A case study
http://www.ibm.com/developerworks/webservices/library/ws-itcamtransaction/index.html

4.8 DataPower

IBM Press IBM WebSphere DataPower SOA Appliance Handbook
http://www.ibmpressbooks.com/bookstore/product.asp?isbn=0137148194

Patterns for REST services with WebSphere DataPower SOA Appliances
http://www.ibm.com/developerworks/websphere/library/techarticles/0708_colonnese/0708_colonnese.html

Implementing REST services with WebSphere DataPower SOA Appliances
http://www.ibm.com/developerworks/websphere/techjournal/0903_peterson/0903_peterson.html

Innovations within reach: Enhance your ESB with the REST Gateway feature in the WebSphere DataPower XC10 Appliance
http://www.ibm.com/developerworks/websphere/techjournal/1102_inreach/1102_inreach.html

Monitoring WebSphere DataPower SOA Appliances
http://www.ibm.com/developerworks/websphere/library/techarticles/1003_rasmussen/1003_rasmussen.html

Managing WebSphere DataPower SOA Appliances via the WebSphere Application Server V7 Administrative Console
http://www.ibm.com/developerworks/websphere/library/techarticles/1003_das/1003_das.html

Offload WebSphere Web services security tasks to IBM WebSphere DataPower SOA Appliances: Part 5: Configuring a Web service proxy to interoperate with WCF .NET client using Kerberos Tokens with or without secure conversation
http://www.ibm.com/developerworks/webservices/library/ws-offloadpart5/index.html
Processing attachments in WebSphere DataPower SOA Appliances
http://www.ibm.com/developerworks/websphere/library/techarticles/1009_das/1009_das.html
Processing XML schemas with XSLT for WebSphere DataPower SOA Appliances
http://www.ibm.com/developerworks/websphere/library/techarticles/1012_ramalingam/1012_ramalingam.html
Rewriting SOAPAction headers with WebSphere DataPower SOA Appliances
http://www.ibm.com/developerworks/websphere/library/techarticles/1104_gamal/1104_gamal.html

4.9 WebSphere Extended Deployment

Solving Business Problems with WebSphere Extended Deployment
Using WebSphere Extended Deployment's Long Running Execution Model to asynchronously access enterprise applications deployed in WebSphere
http://www.ibm.com/developerworks/websphere/library/techarticles/0606_antani/0606_antani.html

4.10 WebSphere Adapters and Enterprise Information System Integration

4.10.1 WebSphere Adapter Toolkit

Redbooks WebSphere Adapter Toolkit
http://www.redbooks.ibm.com/redpieces/abstracts/sg246387.html
Redbooks Connecting Enterprise Applications to WebSphere Enterprise Service Bus
http://www.redbooks.ibm.com/abstracts/sg247406.html

4.10.2 WebSphere Adapters

Featured documents for WebSphere Adapters
http://www-01.ibm.com/support/docview.wss?uid=swg27010661
Extending a J2CA adapter for use with WebSphere Process Server and WebSphere Enterprise Service Bus
http://www-128.ibm.com/developerworks/library/ws-soa-j2caadapter/index.html
Build an SOA application using WebSphere Integration Developer V6.1.2 adapter patterns
http://www.ibm.com/developerworks/websphere/techjournal/0807_bist/0807_bist.html
Sharing a JDBC adapter with one or more modules in an ear file
http://www-01.ibm.com/support/docview.wss?uid=swg21404234
Ensuring high availability and performance of events delivery with WebSphere Process Server and WebSphere JDBC Adapter
http://www.ibm.com/developerworks/websphere/library/techarticles/0912_yuan/0912_yuan.html
Monitoring business database changes with a WebSphere Adapter
Learn best practices on configuring the JDBC Adapter with different approaches
http://www.ibm.com/developerworks/websphere/library/techarticles/1003_xing/1003_xing.html
Use a generic data handler for inbound delimited flat files using WebSphere Process Server and WebSphere JCA adapter for flat files
http://www.ibm.com/developerworks/websphere/library/techarticles/0607_telerman/0607_telerman.html
Using WebSphere Integration Developer and WebSphere Flat File Adapter with custom data bindings
http://www.ibm.com/developerworks/websphere/library/techarticles/0710_johnson/0710_johnson.html

Implementing custom databinding and custom function selectors in IBM WebSphere Adapters
http://www.ibm.com/developerworks/websphere/library/techarticles/0606_mishra/0606_mishra.html

4.10.3 Native Bindings

Integrate EJB Services with WebSphere Process Server
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0602_xu2/0602_xu2.html
Using Web services with WebSphere Process Server
http://www-128.ibm.com/developerworks/websphere/library/techarticles/0512_phan/0512_phan.html
Creating custom data bindings in WebSphere Process Server without coding
http://www.ibm.com/developerworks/websphere/library/techarticles/0711_fasbinder/0710_fasbinder.html
Invoking a Web service with a JMS client
Build a solution with WebSphere Integration Developer and WebSphere Enterprise Service Bus
http://www.ibm.com/developerworks/edu/ws-dw-ws-esb-jms.html
Invoke Web services with WebSphere MQ and WebSphere Enterprise Service Bus
Build a solution with WebSphere Integration Developer
http://www.ibm.com/developerworks/edu/ws-dw-ws-mq-esb.html
How to use additional JMS providers with WebSphere Process Server and WebSphere Enterprise Service Bus Version 6.02
http://www.ibm.com/developerworks/websphere/library/techarticles/0702_barker/0702_barker.html
Web services with SOAP over JMS in IBM WebSphere Process Server or IBM WebSphere Enterprise Service Bus, Part 1: Using the SIBus JMS provider
http://www.ibm.com/developerworks/library/ws-soapjms1/index.html
Web services with SOAP over JMS in IBM WebSphere Process Server or IBM WebSphere Enterprise Service Bus, Part 2: Using the IBM WebSphere MQ JMS provider
http://www.ibm.com/developerworks/library/ws-soapjms2/index.html
Interacting with WebSphere Process Server via the Web service API and JAXB marshalling
http://www.ibm.com/developerworks/websphere/library/techarticles/1004_jenny/1004_jenny.html
Configuring SCA HTTP binding to enable real-life scenarios
http://www.ibm.com/developerworks/websphere/library/techarticles/0803_kharlamov/0803_kharlamov.html
Using SCA HTTP binding in typical real-life scenarios with WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/library/techarticles/0904_kharlamov/0904_kharlamov.html
Using MQ Headers to Dynamically Determine Data Handler Behavior
http://www.ibm.com/developerworks/webservices/library/ws-MQDataHandler/index.html
Using the MQ binding plug-in for WebSphere Integration Developer 6.0.2
http://www.ibm.com/developerworks/websphere/library/techarticles/0910_bhowmik/0910_bhowmik.html
Using WebSphere MQ bindings in WebSphere ESB, Part 1:
Manipulating MQ headers in WebSphere ESB using the XSL transformation primitive and WebSphere Integration Developer
http://www.ibm.com/developerworks/websphere/library/techarticles/0901_norton1/0901_norton1.html
Using WebSphere MQ bindings in WebSphere ESB, Part 2:
Creating MQ headers using the WebSphere ESB MQ Structures API
http://www.ibm.com/developerworks/websphere/library/techarticles/0901_norton2/0901_norton2.html
Using WebSphere MQ bindings in WebSphere ESB, Part 3:
Using custom WebSphere MQ headers with WebSphere ESB
http://www.ibm.com/developerworks/websphere/library/techarticles/0901_norton3/0901_norton3.html
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Exposing RESTful services using an Enterprise Service Bus
http://www.ibm.com/developerworks/webservices/library/ws-RESTesb/index.html

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Business integration using WebSphere Partner Gateway, Websphere Process Server, and Web services
http://www.ibm.com/developerworks/websphere/library/techarticles/0904_madassery/0904_madassery.html

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Integrating WebSphere Business Events V6.2 with WebSphere ESB and WebSphere Process Server
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Using SCA nodes in WebSphere Message Broker V7
http://www.ibm.com/developerworks/websphere/library/techarticles/0912_nagchowdhury/0912_nagchowdhury.html
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http://publib.boulder.ibm.com/infocenter/wmbhelp/v7r0m0/index.jsp?topic=/com.ibm.etools.mft.doc/ac25740_.htm

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http://www.ibm.com/developerworks/websphere/tutorials/0911_boruwa1/index.html
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http://www.ibm.com/developerworks/websphere/tutorials/0911_boruwa2/index.html

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http://www.ibm.com/developerworks/library/i-wasnet/
Interoperability between WebSphere ESB Gateway and the Microsoft .NET WCF using WS-Security
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Building transactional Web services with WebSphere Application Server and Microsoft .NET using WS-AtomicTransaction
http://www.ibm.com/developerworks/websphere/library/techarticles/0707_lo/0707_lo.html
Redbooks® WebSphere and .Net Interoperability Using Web Services
http://www.redbooks.ibm.com/abstracts/sg246395.html
Redbooks® WebSphere and .NET Coexistence
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/sg247027.html
Redbooks® IBM WebSphere and Microsoft .NET Interoperability
http://www.redbooks.ibm.com/abstracts/sg246799.html

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Seamless access to SAP services using IBM WebSphere integration tools
http://www.ibm.com/developerworks/websphere/library/techarticles/0807_kumar/0807_kumar.html
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http://www.ibm.com/developerworks/websphere/tutorials/0906_kumar/index.html

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Transactionally integrate CICS COBOL applications into WebSphere Process Server SOA solutions
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4.10.11 IMS

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IMS adapter product documentation
http://publib.boulder.ibm.com/infocenter/dzichelp/v2r2/index.jsp?topic=/com.ibm.etools.ims.tmra.doc/topics/tmresoverview.htm

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http://www.ibm.com/developerworks/websphere/library/techarticles/0601_reddy/0601_reddy.html
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http://www.ibm.com/developerworks/websphere/library/techarticles/0604_reddy/0604_reddy.html
Integrate WebSphere Business Integration Adapters with WebSphere Process Server, Part 3: One-way asynchronous request scenario
http://www.ibm.com/developerworks/websphere/library/techarticles/0608_kumar/0608_kumar.html

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WebSphere Application Server V6 Information Center
http://publib.boulder.ibm.com/infocenter/wasinfo/v6r0/index.jsp

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Overview
Redbooks WebSphere Product Overview
http://www.redbooks.ibm.com/abstracts/redp3740.html
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Redbooks Enabling SOA Using WebSphere Messaging
http://www.redbooks.ibm.com/abstracts/sg247163.html
Redbooks WebSphere Version 6 Web Services Handbook Development and Deployment
http://www.redbooks.ibm.com/abstracts/sg246461.html
Redbooks Patterns: SOA with an Enterprise Service Bus in WebSphere Application Server V6
http://www.redbooks.ibm.com/abstracts/sg246494.html
TOOL - IBM Service Integration Bus Destination Handler, Version 1.1

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4.11.5 Planning & Design

Redbooks WebSphere Application Server V6 Planning and Design WebSphere Handbook
Series
http://www.redbooks.ibm.com/abstracts/sg246446.html

4.11.6 System Management & Configuration

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The Support Authority: Manage your WebSphere product installations, configurations, and
application deployments with Rational Automation Framework for WebSphere
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Solutions
http://www.redbooks.ibm.com/abstracts/sg246688.html
IBM WebSphere Developer Technical Journal: Building a high availability database
environment using WebSphere middleware, Part 1
Using DB2 High Availability Disaster Recovery with WebSphere Application Server
http://www.ibm.com/developerworks/websphere/techjournal/0705_lee/0705_lee.html
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Handling two-phase commit in WebSphere Application Server using Oracle RAC
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http://www.redbooks.ibm.com/abstracts/redp4068.html
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http://www.redbooks.ibm.com/abstracts/redp4085.html
Redbooks WebSphere Application Server V6: Application Server Crash Problem
Determination
http://www.redbooks.ibm.com/abstracts/redp4059.html
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Determination
http://www.redbooks.ibm.com/abstracts/redp4076.html
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http://www.redbooks.ibm.com/abstracts/redp4080.html
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http://www.redbooks.ibm.com/abstracts/redp4067.html

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http://www.redbooks.ibm.com/abstracts/redp4045.html

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Redbooks IBM Business Process Management Reviewer's Guide
http://www.redbooks.ibm.com/Redbooks.nsf/RedbookAbstracts/redp4433.html

Building smarter event-driven business processes with the WebSphere BPM suite
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Managing the complexity of business processes
http://www-01.ibm.com/software/solutions/soa/newsletter/apr10/article_complex_bus_processes.html

Business process management adoption scenarios
A look at how organizations can implement or expand BPM solutions
http://www.ibm.com/developerworks/websphere/bpmjournal/1101_portier/1101_portier.html

BPM Voices: Standards and why they matter for BPM
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5.2 Business Rule Management Systems

 Agile Business Rule Development
http://www.springer.com/business+%26+management/business+information+systems/book/978-3-642-19040-7

5.3 Enterprise Architecture

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http://www.redbooks.ibm.com/abstracts/sg247947.html

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Continuous improvement with BPM and EA together Smart work in the smart enterprise
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Using a combined SOA and TOGAF environment for increased productivity: Part 1: Introduction to the TOGAF Enterprise Continuum
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What do solutions look like in WebSphere Process Server
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 Enterprise Integration Patterns: Designing, Building, and Deploying Messaging Solutions
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http://www.soapatterns.org/
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Strategic Reuse with Asset-Based Development (Part 4 deals with JET2)
http://www.redbooks.ibm.com/abstracts/sg247529.html
Model-Driven Architecture using JET2 in Rational Software Architect or Rational Software Modeler
http://www.ibm.com/developerworks/rational/library/10/modeldrivenarchitectureusingjet2inrsaorrsm/index.html
SOA antipatterns
When the SOA paradigm breaks
http://www.ibm.com/developerworks/web/library/wa-soa_antipattern/index.html

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http://www.ibm.com/developerworks/webservices/library/ar-esbpat2/index.html
Exploring the Enterprise Service Bus, Part 3: Four approaches to implementing a canonical message model in an ESB
The role and value of the CMM for the ESB
http://www.ibm.com/developerworks/webservices/library/ar-esbpat3/index.html
Exploring the Enterprise Service Bus: Part 4: Federated connectivity in the enterprise
http://www.ibm.com/developerworks/websphere/library/techarticles/0901_flurry/0901_flurry.html
The Enterprise Service Bus, re-examined
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http://www.ibm.com/developerworks/websphere/techjournal/1105_flurry/1105_flurry.html
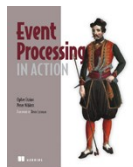Comment lines: Greg Flurry: Service versioning in SOA
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6   Additional Resources for Help

6.1 IBM Software Support

IBM Software Support for WebSphere
http://www.ibm.com/software/websphere/support/
IBM Software Support Handbook
http://www14.software.ibm.com/webapp/set2/sas/f/handbook/home.html
http://www14.software.ibm.com/webapp/set2/sas/f/handbook/getsupport.html
Link to handbook: ftp://ftp.software.ibm.com/software/server/handbook/webhndbk.pdf

IBM Support Assistant (ISA)
http://www.ibm.com/software/support/isa/
Features and Benefits of IBM Support Assistant
http://www-01.ibm.com/support/docview.wss?uid=swg27012682

The Support Authority: 10 great troubleshooting tools you might not know about
http://www.ibm.com/developerworks/websphere/techjournal/0712_supauth/0712_supauth.html
The Support Authority: Leverage the advantages of IBM Software Accelerated Value
Program
http://www.ibm.com/developerworks/websphere/techjournal/1004_supauth/1004_supauth.html

6.2 IBM WebSphere Education

Business Process Management Curriculum
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IBM Software Services Zone for WebSphere
Discover the fastest journey to BPM transformation
http://www.ibm.com/developerworks/websphere/services/discoverbpm.html