

## AVP Attendee List

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## AVC Lab/Workshop Agenda (Zeno 4601)

**Monday, April 30 - AVP-2772****10:45am - 12:00pm**

Java Troubleshooting Masterclass with IBM  
Diagnostic Tools for Java

**Monday, April 30 - AVP-2773****2:00pm - 3:15pm**

WebSphere's Latest Announcements: Your  
Entitlement/Migration Path Explained

**Tuesday, May 1 - AVP-2776****10:45am - 12:00pm**

Migrating WebSphere Application Server V6.1 to V8

**Wednesday, May 2 - AVP-2774****10:45am - 12:00pm**

Operational Excellence in a WPS/BPM V7.5 Environment

**Thursday, May 3 - AVP-2778****10:30am - 11:45am**

WebSphere MQ V7 and WebSphere Application  
Server V7 Integration Lab

\*\*\*Please see the reverse page for detailed lab/workshop descriptions.

## AVC Lounge (Zeno 4610)

**10am-12pm and 2pm-4pm**

Enjoy light refreshments while discovering more about  
our Accelerated Value Program and how other clients are  
leveraging our program's flexibility to their advantage.

**IBM Software**

# AVP

**Accelerated Value Program**

[ibm.com/software/support/acceleratedvalue/](http://ibm.com/software/support/acceleratedvalue/)

## Smarter Delivery of your Software Solutions



# Accelerated Value Central Lab/WorkShop - Detailed Descriptions

<b>AVP-2772: Java Troubleshooting Masterclass with IBM Diagnostic Tools for Java</b>	In this lab you will measure the results of performance tuning at the different layers of a Java deployment, ranging from the effect of paging on the JVM, to optimising inefficient application code. The lab demonstrates Java performance analysis techniques using stand alone tools such as Windows Performance Monitor, Performance Analysis tool for Java, and live profiling with IBM Health Center.
<b>AVP-2773: WebSphere's Latest Announcements: Your Entitlement/Migration Path Explained</b>	Join the WebSphere Subscription and Support (S&S) leadership team for a discussion of the technology announced at Impact and how you can take advantage of enhancements today at no extra charge. This session will be particularly valuable for users of WebSphere Process Server, Lombardi Edition, ILOG, MQ, and WebSphere Application Server.
<b>AVP-2776: Migrating WebSphere Application Server V6.1 to V8</b>	This workshop and lab will provide an introduction and demonstrate the migration of a WebSphere Application Server installation from V6.1 to V8.0. You will walk through a practical migration example for a two node clustered Network Deployment WebSphere topology with sample V6.1 applications. It will utilize the Configuration migration tool and/or WASPreUpgrade and WASPostUpgrade commands on the command line. This overview of the migration process will prepare you for what you need to do and what you can expect so that your migration can be as quick and easy as possible. (This lab should give you enough familiarity with the migration tools in WebSphere Application Server V8, and their usage and options, to help you begin the migration process.)
<b>AVP-2774: Operational Excellence in a WPS/BPM V7.5 Environment</b>	Every IT department is challenged by the daily business to keep a highly-available production environment healthy. Continuous monitoring and maintenance of a complex WebSphere Process Server or BPM environment requires deep and focused skills in these areas. The interactions with many frontend and backend systems need special attention from a middleware point of view. This session covers the best practices regarding monitoring, maintenance and tuning. In addition various approaches and tools are discussed which will lead to operational excellence and a successful system administrator.
<b>AVP-2778: WebSphere MQ V7 and WebSphere Application Server V7 Integration Lab</b>	This lab will provide basic configuration for WebSphere MQ V7 as the JMS provider for WebSphere Application Server V7. The MDB will be used to retrieve the message from the queue using a listener port and activation spec. You will be able to expand the lab basic setup by configuring other features such as reconnection options in the activation spec and Secure Sockets Layer (SSL).

**If you are unable to attend any of our labs or workshops but are interested in exploring them, please contact your AVL to discuss the delivery options available. In addition to the 2012 labs and workshops above, listed below is additional content that is available for delivery.**

If you are not an AVP customer, please visit <http://www-01.ibm.com/software/support/acceleratedvalue/contactus.html> to contact an AVP representative for more information on our services.

<p><b>Problem Determination using Thread and Monitor Dump Analyzer</b> Thread and Monitor Dump Analyzer (TMDA) is a powerful troubleshooting and analysis tool for Java thread dump files, available with IBM Support Assistant. In this lab you will have an opportunity to hone your skills and your understanding of the tool's capabilities on a complex, real-world problem scenario for WebSphere Process Server on AIX. You will have an opportunity to explore the runtime threads, learn interesting and sometimes unexpected details of their interrelationships, and enjoy those functions and capabilities of the tool which help you to quickly focus on key elements. An introductory review will cover the basic concepts and terminology of the javacore thread dump format and contents.</p>	<p><b>Automated problem determination using data mining techniques</b> This presentation gives an overview of the evolution of the IBM Problem Determination process to utilize several automated data collection and data mining techniques to more effectively troubleshoot customer issues. Phase 1 of the new system is already being used internally. This talk presents the practical aspects of using this system to help troubleshoot your WebSphere problems, and also discuss statistical findings about the nature of common problems encountered and implications for improved serviceability.</p> <p><b>The next generation of problem determination with ISA 5.0 Beta!</b> In this session, the IBM Support Assistant 5.0 Beta is introduced. New features including zero-install for end users, collaborative case management, automated analysis, and an improved browser-based UI and new diagnostic tools leveraging new automated problem determination by data mining will be demonstrated.</p>	<p><b>Jython Deep Dive for WebSphere Application Server</b> This workshop and lab will provide an introduction to the skills and tools necessary for you to get started with wsadmin Jython scripting. The instructor will cover the fundamental concepts of wsadmin, Jython basics and some of the tools that you will use in the lab. The lab will walk you through using wsadmin from the command line, invoking new script libraries available for WebSphere Application Server V7, enabling command assistance from the WebSphere Application Server Admin Console and finally writing/debugging wsadmin Jython scripts within the Rational Application Developer.</p>
<p><b>WebSphere JVM Flight Simulator</b> In this session you will use IBM tools to monitor and diagnose JVM issues experienced by an 'in flight' running WebSphere Application Server will be presented. A badly implemented web application will be used to simulate common problems such as memory leaks, unexpected garbage collection cycles triggered by System.gc() and large HTTP session sizes. The workshop will provide an overview of the potential causes of out of memory errors and describe the implications of a poorly tuned Java garbage collector or heap size. It will also describe the data needed to debug these issues and introduce the Java problem determination tools available as part of the IBM Support Assistant (ISA). The lab will walk the participant through the monitoring and analysis of simulated WebSphere production issues using the IBM Health Center and Memory Analyzer tools.</p>	<p><b>Troubleshooting DataPower Integration issues with WebSphere Transformation Extender Maps</b> Learn how to troubleshoot issues arising when running WebSphere Transformation Extender maps in the WebSphere DataPower runtime environment. This session will provide hands-on materials to help you diagnose, troubleshoot and correct problems arising in several common use cases where WebSphere Transformation Extender maps are running under the WebSphere DataPower runtime.</p>	<p><b>IBM WebSphere Process Server V7 Problem Determination</b> In this lab you will be able to deploy, monitor, troubleshoot and resubmit a failed event for an SCA application using tools like Log viewer, Business Space, and Failed Event Manager. You will be able to load a log file onto the Server Logs viewer in WebSphere Integration Developer in order to analyze error messages, utilize cross-component trace to follow the call sequences between SCA applications and also edit a failed event for resubmission.</p>
<p><b>Clustering WebSphere Process Server – Best Practices</b> Making your WebSphere Process Server environment highly-available and resilient to failure is one of the most important requirements to meet your business goals and Service Level Agreements. In this session you will learn and practice how a deployment environment supports you efficiently when creating and configuring a complex system based on a Remote Messaging and Remote Support topology (aka Golden Topology) for WPS/BPM. This session applies to all WebSphere Process Server releases, and also covers new features and improvements in BPM V7.5.</p>	<p><b>How WebSphere MQ SupportPacs can help you with administering your WebSphere MQ environment</b> Learn how WebSphere MQ SupportPacs can help with the administration and monitoring of your WebSphere MQ environment. This session will give an overview of the different categories of SupportPac and how you can make use of them in your organization. You will be able to test out selected SupportPacs designed to assist with the Administration and Monitoring of WebSphere MQ to assess their suitability for your environment.</p>	<p><b>IBM WebSphere Process Server V7 Performance and Tuning</b> In this session you will learn the advanced skills needed to tune the runtime performance of IBM WebSphere Process Server V7. At the end of this lab you will be able to (a) create new thread pools (b) configure module-level activation specifications to use a user-defined thread pool (c) configure Java Messaging Service (JMS) to use a user-defined thread pool and (d) explain the impact of asynchronous communication on performance.</p> <p><b>Migrating WebSphere MQ V6 to V7/7.1 - Recommendations and Focus Areas</b> This workshop will discuss current recommendations and details on focus areas to be aware of when migrating from WebSphere MQ V6 to WebSphere MQ V7/7.1. This session will provide recommendations and pitfalls based on customer experiences, with particular emphasis on JMS migration issues, including WebSphere Application Server considerations, as well as discussions on other migration topics that have proven to be particularly challenging.</p>