

---

# Business Process Management IBM Business Process Manager V7.5

## BPM Express, Standard and Advanced



© 2011 IBM Corporation

This presentation examines three configurations of IBM Business Process Manager version 7.5. They are BPM Express, BPM Standard and BPM Advanced.

## Goal and agenda

- Goal
  - Highlight the differences between the BPM Express, BPM Standard and BPM Advanced configurations
- Agenda
  - Clarify the term “configuration” as used in this context
  - Examine the three configurations with respect to:
    - Relationship to heritage products
    - Your stage of business process management adoption
    - Operating systems supported
    - Capabilities
- Assumption
  - You have already reviewed the [Introduction to IBM Business Process Manager](#) presentation

The goal of this presentation is to provide you with a basic understanding of the differences between the BPM Express, BPM Standard and BPM Advanced configurations. The use of the term configuration as used with IBM Business Process Manager might be misleading to some, so the presentation starts with a clarification of its meaning within this context.

Then the three configurations are examined to understand their similarities and differences. This starts by examining the predecessor products that are the heritage for each of the configurations. Next, there is a discussion of how Business Process Manager version 7.5 is intended to provide entry points into business process management for organizations at different stages of BPM adoption. Following that, information about supported operating systems is provided, which is important as the operating systems supported are not the same across all three configurations. Finally, the capabilities of the different configurations are contrasted.

To understand the information presented here, you should first review the Introduction to Business Process Manager presentation.

## Use of “configuration”

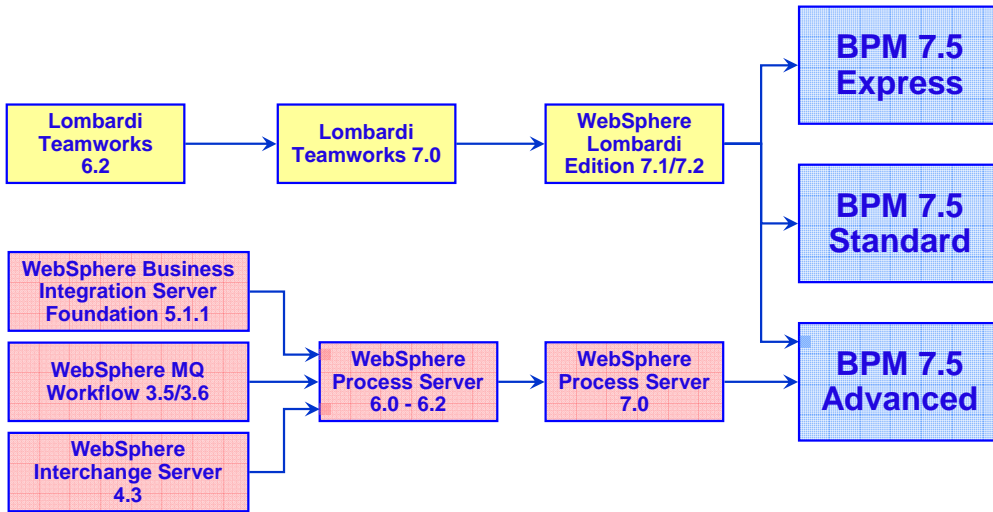
- BPM Express, BPM Standard and BPM Advanced are referred to as three different “configurations” of the same product
  - In IBM announcement and sales literature
  - In the Information Center
- Typically in computing, the term configuration is used to mean:
  - The way a computer system or program is prepared for a particular use
  - Customization of a system through the use of parameters
  - The topology of servers and network interconnections
- In this case, “configuration” is used in the sense of a particular offering, edition or packaging of the product

The use of the term configuration, in the context of Business Process Manager version 7.5, is explained in this slide. Business Process Manager version 7.5 comes as BPM Express, BPM Standard or BPM Advanced. In the announcement and sales literature, and in the Information Center, these are referred to as three different configurations.

In the field of computing, the term configuration can be used in several ways, for example, it can mean the way a computer system or program is prepared for a particular use. It can also mean customization of a system through the use of parameters. Yet another typical usage is to describe a topology of servers and network interconnections.

However, configuration, as used with Business Process Manager version 7.5, is really describing something else. It is used more in the sense of a particular offering, edition, or packaging of a product.

## Relationship to heritage products



4

BPM Express, Standard and Advanced

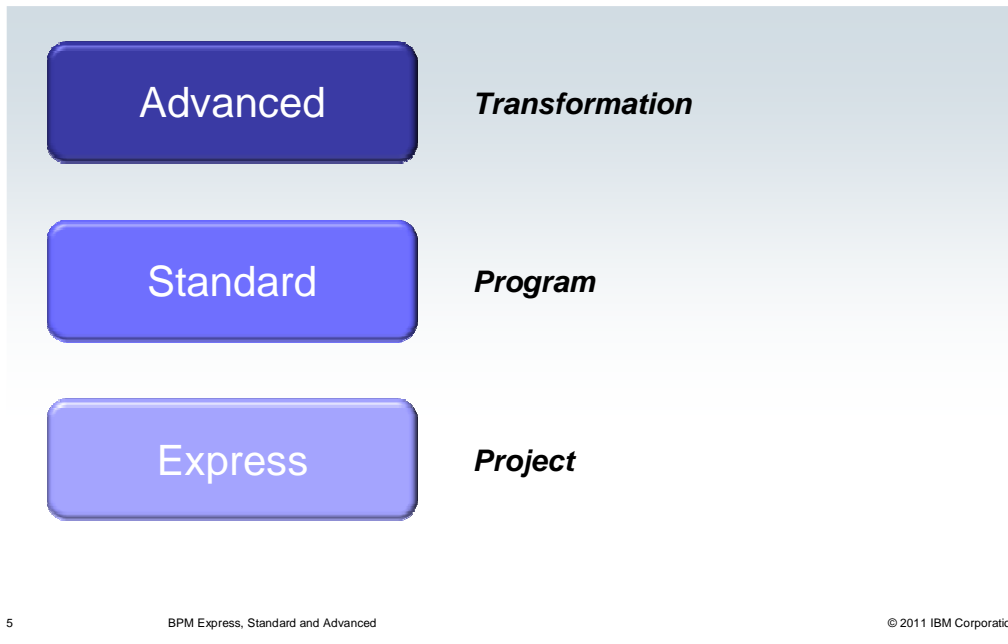
© 2011 IBM Corporation

This chart illustrates the product heritage for the different configurations of Business Process Manager version 7.5. Both BPM Express and BPM Standard have the same heritage, coming from the Lombardi® line of products. Lombardi Teamworks® had several versions leading up to version 6.2, which then was enhanced to become Lombardi Teamworks version 7.0. After this, the product was rebranded as WebSphere® Lombardi Edition, for which there are versions 7.1 followed by 7.2. The capabilities of Lombardi Teamworks 7.2 provides the foundation for what is BPM Express and BPM Standard.

BPM Advanced also has the Lombardi line of products as part of its heritage, but it also has WebSphere Process Server in its ancestry. The original version of WebSphere Process Server was version 6.0. The functionality it provided was to replace three other products: WebSphere Business Integration Server Foundation version 5.1.1, WebSphere MQ Workflow versions 3.5 and 3.6 and WebSphere Interchange Server version 4.3. WebSphere Process Server version 6.0 had several follow-on versions through version 6.2, and then version 7.0. The capabilities of WebSphere Process Server version 7.0 provides the foundation for what is BPM Advanced.

## Maturity of BPM adoption

*Different configurations match typical entry points or stages in a company's BPM program*



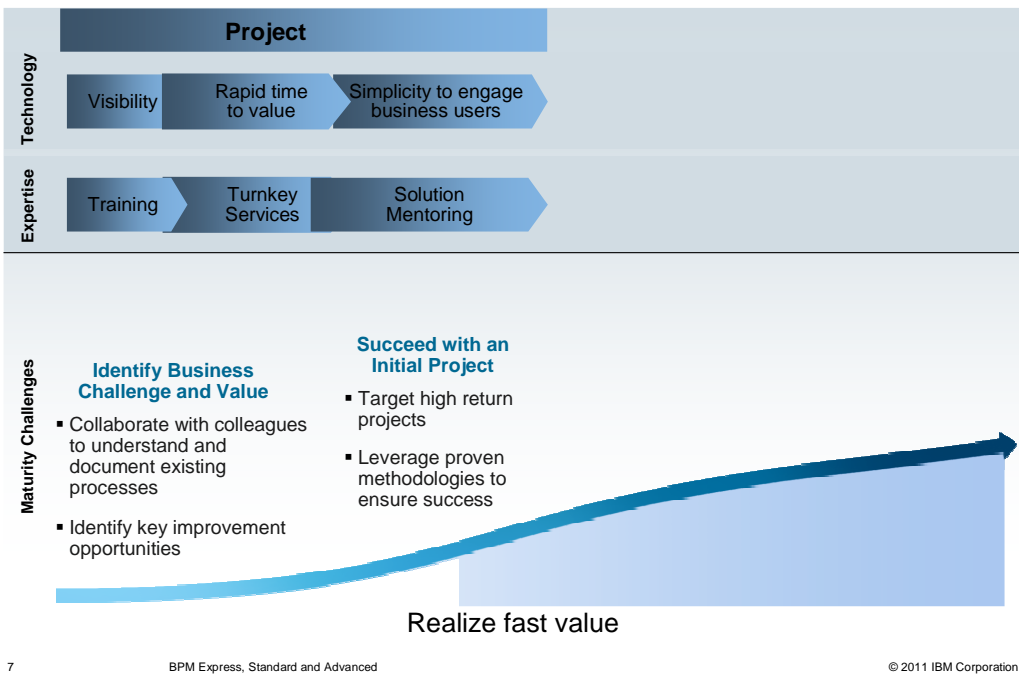
The Business Process Manager is packaged in three different configurations, each of which provides functionality appropriate for different stages of business process management adoption by your business. The stages are referred to as project, program, and transformation. The subsequent slides look at these stages in more detail.

## Maturity of BPM adoption

- Dynamic business networks are complex
- Process improvement within complex environments can be challenging
- The key to success:
  - Care analysis focused on business value
  - Start slowly, looking for processes that can provide the greatest return on investment
  - Expand slowly
  - Leverage incremental success

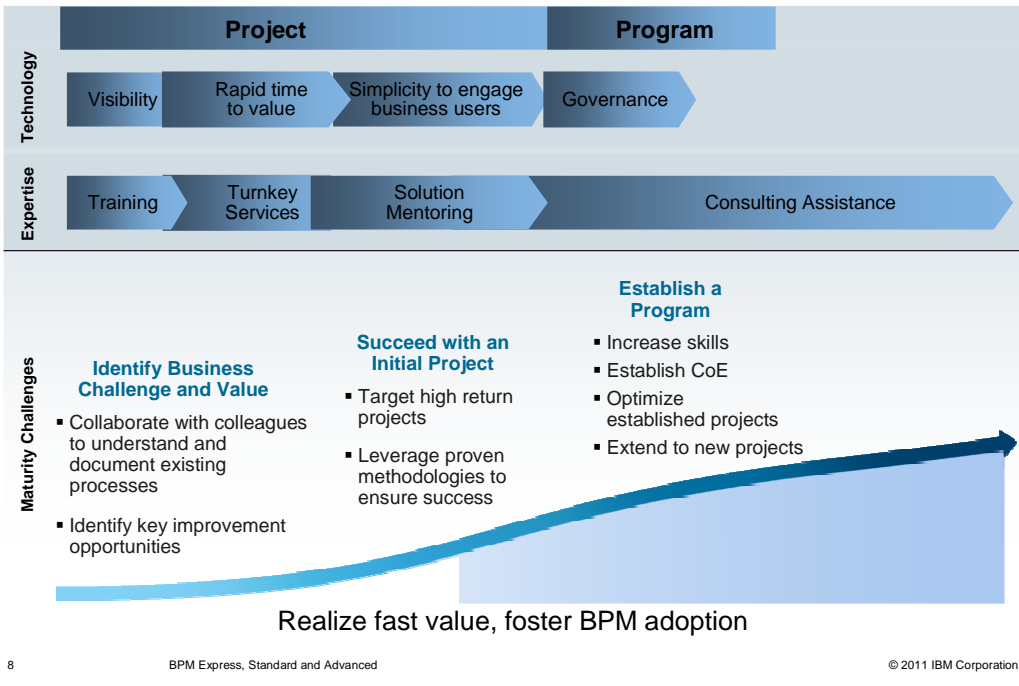
With all the complexity of a dynamic business network, starting down the process improvement road can seem challenging. The key to success is to use the right approach, an approach that starts with careful analysis that is focused on business value, and then expands slowly, leveraging incremental successes along the way. Successful process improvement initiatives all start with, and are driven by business value. This means that you must understand the business goals and strategy that are driving your process improvement initiative. You need to analyze your current processes to identify the low-hanging fruit. Look for those processes that, when improved, deliver the greatest return on investment. Only after the processes have been identified and prioritized should you begin working on an initial project.

## Maturity of BPM adoption - Project



The road to success in BPM starts with the entry level, the BPM project. This is where you begin getting your organization started in business process management. A primary goal at this point is to rapidly realize business value. To do this, the approach is to start by understanding and documenting the current processes in your business, and while doing so, identify those that have room for improvement. From those, identify a project that potentially can yield a high return on investment if successfully implemented. You need to be using tools which provide good visibility into your business processes, enable a rapid time to value when implementing, and have a simplicity that enables direct involvement of business users. In addition, to be successful, you might need to take advantage of training, mentoring and services to ensure you have the needed expertise.

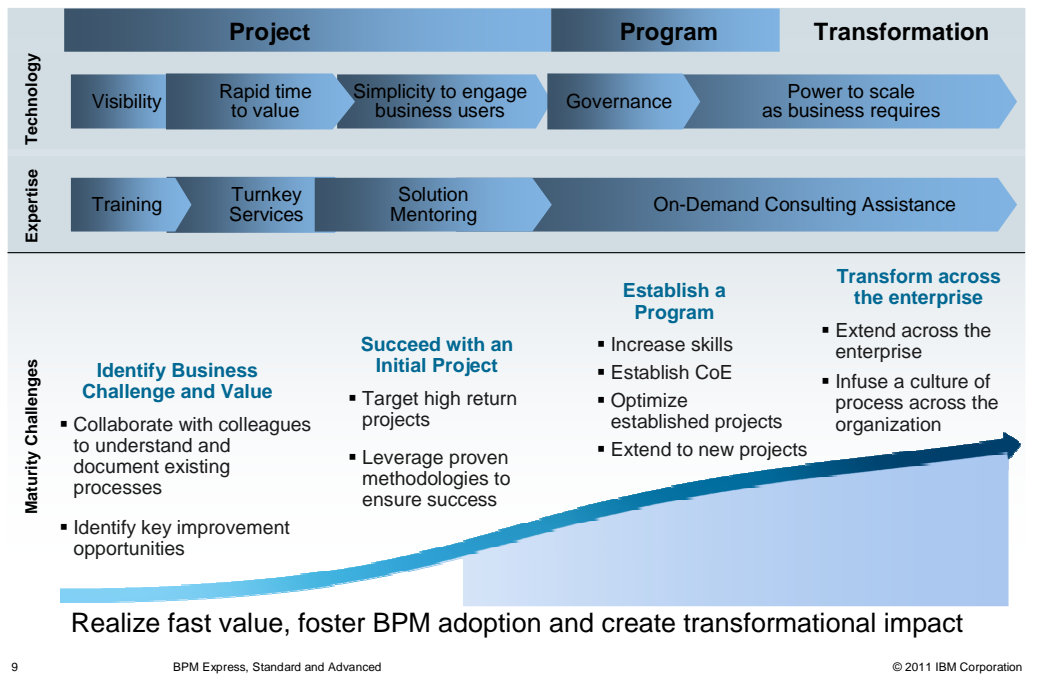
## Maturity of BPM adoption - Program



Having been successful with a handful of projects, it is time to move from project to program, fostering the adoption of BPM within your organization. During this time you need to build on the skills already developed and use a center of excellence for BPM that can help spread that expertise to a wider group of people. Ensure that the projects you have already done have been optimized and then extend the use of BPM to a new and wider set of projects. When you reach this point, the tool you are using must provide a level of governance, so that you have control over the development and deployment of your BPM artifacts. You might also need to use consulting assistance to ensure you have the expertise needed to successfully move forward.



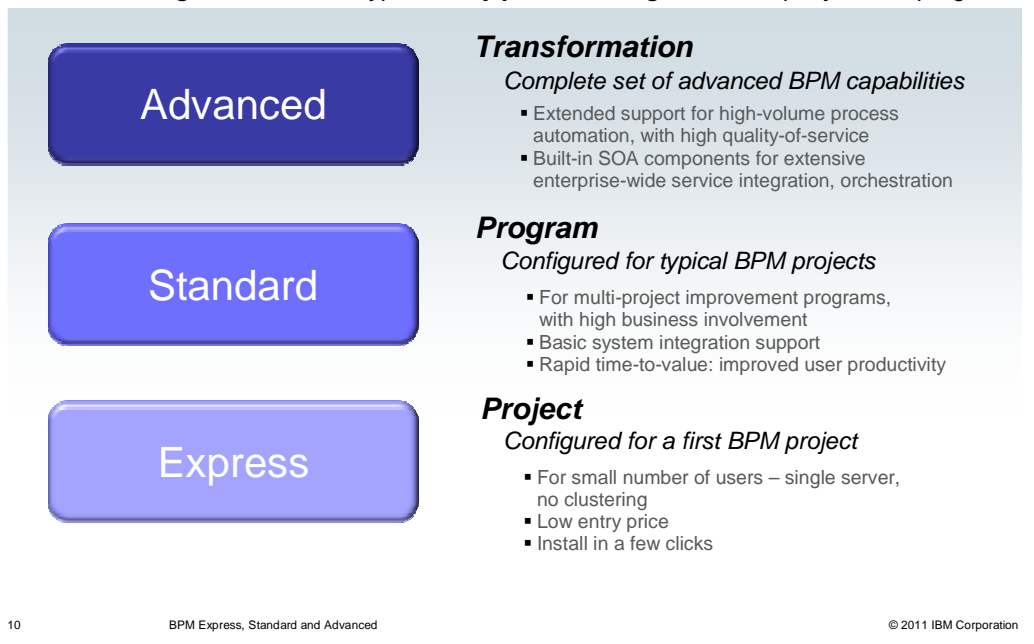
## Maturity of BPM adoption - Transformation



Establishment of a successful program within your organization will then lead to a broader adaptation of BPM within the entire enterprise. As this transformation takes place, the BPM culture will become instilled in a very broad group of people, so that thinking in BPM terms will become second nature. As this occurs, BPM will enable you to rapidly scale up your business processes as required due to growth and change.

## Maturity of BPM adoption – BPM 7.5 configurations

*Different configurations match typical entry points or stages in a company's BPM program*



You should now have an understanding of the stages in BPM adoption, specifically project, program and transformation. This slide looks at how they relate to the three different configurations of Business Process Manager version 7.5. Each configuration provides functionality appropriate for a different stage. The configurations build on each other, satisfying the need for you to be able to move up as your commitment to business process management grows.

The entry level product is the BPM Express and is good for the project stage when your group is just starting out with business process management. BPM Express contains functionality that comes from the WebSphere Lombardi Edition heritage. BPM Express can only be installed in a stand-alone server with no clustering and has a very simple installation process. The pricing is low to enable you to get started with a business process management project without having to make a major investment.

BPM Standard comes next and is appropriate for the program stage. Similar to the BPM Express, the functionality of the BPM Standard comes from the WebSphere Lombardi Edition heritage. However, it is intended for an organization which might have several BPM projects. It enables clustering of the servers within a WebSphere Application Server deployment manager cell environment. The BPM repository helps provide governance of process applications being developed and deployed across the various groups in your organization.

The top of the food chain is BPM Advanced, which provides a complete set of functionality needed by the time you reach the transformation stage. It contains functionality from both the WebSphere Lombardi Edition and WebSphere Process Server heritages. This adds a Service Oriented Architecture capability, high volume process automation that is transactional and secure, and provides easy access to many types of external systems.

## Operating systems supported

	AIX®	Linux®	Solaris	Windows®
<b>Process Center and Process Server</b>				
<b>Express</b>		X		X
<b>Standard</b>	X	X	X	X
<b>Advanced</b>	X	X	X	X
<b>Process Designer</b>				X

- For specific operating system versions and other hardware/software requirements, see:
  - BPM Advanced
    - <http://www.ibm.com/software/integration/business-process-manager/advanced/sysreqs/>
  - BPM Standard
    - <http://www.ibm.com/software/integration/business-process-manager/standard/sysreqs/>
  - BPM Express
    - <http://www.ibm.com/software/integration/business-process-manager/express/sysreqs/>

This chart provides a summary of the supported operating systems. All three of the configurations support Linux and Windows for the Process Center and Process Server. In addition, BPM Standard and BPM Advanced also support AIX and Solaris. For all configurations, the Process Designer is only supported on Windows. The links on the slide bring you to the official requirements page for each of the configurations, which provide details of specific operating system versions and levels that are supported.

## Capabilities

Capability	Advanced	Standard	Express
WebSphere Lombardi Edition compatible	X	X	X
Process Designer (BPMN)	X	X	X
Collaborative editing / immediate playback	X	X	X
Interactive "process coach" user interfaces	X	X	X
ILOG-based process rules	X	X	X
Real-time monitoring and reporting	X	X	X
Performance analytics & optimizer	X	X	X
Performance Data Warehouse	X	X	X
Process Center / shared asset repository	X	X	X
Process authors	unlimited	unlimited	max 3
End-users	unlimited	unlimited	max 200
Development / Production cores	unlimited	unlimited	max 2 / 4
Stand-alone servers	X	X	X
Network deployment with clustering	X	X	
WebSphere Process Server compatible	X		
Integration Designer (BPEL / SOA)	X		
Built-in enterprise service bus (ESB)	X		
Transaction support	X		
Integration adapters	X		
Flexible Business Space user interface	X		

This chart provides a summary of the capabilities of the three BPM configurations. At the top of the chart, shown in blue, are the capabilities that come from the WebSphere Lombardi Edition heritage which are supported by all three of the configurations.

The next rows, in green, have to do with licensing considerations for the configurations. The BPM Express license limits you to three process authors and no more than two hundred end-users. Also, the machine on which it is installed is limited to two cores for a development environment and four cores for a production environment.

The next two rows, in gray, have to do with the topology of servers in the installation. BPM Express can only be installed in stand-alone servers whereas BPM Standard and Advanced can be installed in either stand-alone servers or in network deployment clusters.

The final rows, in yellow, show the capabilities that come from the WebSphere Process Server heritage. These are only available in the BPM Advanced configuration.

## Summary

- Clarified the term “configuration” as used in this context
- Examined the three configurations with respect to:
  - Relationship to heritage products
  - Your stage of business process management adoption
  - Operating systems supported
  - Capabilities

In summary, you were given a clarification of the term configuration as used in the context of IBM Business Process Manager.

The three configurations were then examined to help you understand their similarities and differences. First, the predecessor product history for each of the configurations was presented. Next there was a discussion of how Business Process Manager version 7.5 is intended to provide entry points into business process management for organizations at different stages of BPM adoption. Following that, information about supported operating systems was provided. Finally, the capabilities of the different configurations were contrasted.



## Feedback

Your feedback is valuable

You can help improve the quality of IBM Education Assistant content to better meet your needs by providing feedback.

- Did you find this module useful?
- Did it help you solve a problem or answer a question?
- Do you have suggestions for improvements?

Click to send email feedback:

[mailto:iea@us.ibm.com?subject=Feedback\\_about\\_BPMv75\\_BPM\\_Express\\_Standard\\_Advanced.ppt](mailto:iea@us.ibm.com?subject=Feedback_about_BPMv75_BPM_Express_Standard_Advanced.ppt)

This module is also available in PDF format at: [../BPMv75\\_BPM\\_Express\\_Standard\\_Advanced.pdf](..../BPMv75_BPM_Express_Standard_Advanced.pdf)

You can help improve the quality of IBM Education Assistant content by providing feedback.



## Trademarks, disclaimer, and copyright information

IBM, the IBM logo, ibm.com, AIX, Express, and WebSphere are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of other IBM trademarks is available on the web at "[Copyright and trademark information](http://www.ibm.com/legal/copytrade.shtml)" at <http://www.ibm.com/legal/copytrade.shtml>

Windows, and the Windows logo are registered trademarks of Microsoft Corporation in the United States, other countries, or both.

Lombardi, and Lombardi Teamworks, are registered trademarks of Lombardi Software, Inc., an IBM Company, in the United States, other countries, or both.

Other company, product, or service names may be trademarks or service marks of others.

THE INFORMATION CONTAINED IN THIS PRESENTATION IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. WHILE EFFORTS WERE MADE TO VERIFY THE COMPLETENESS AND ACCURACY OF THE INFORMATION CONTAINED IN THIS PRESENTATION, IT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. IN ADDITION, THIS INFORMATION IS BASED ON IBM'S CURRENT PRODUCT PLANS AND STRATEGY, WHICH ARE SUBJECT TO CHANGE BY IBM WITHOUT NOTICE. IBM SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING OUT OF THE USE OF, OR OTHERWISE RELATED TO, THIS PRESENTATION OR ANY OTHER DOCUMENTATION. NOTHING CONTAINED IN THIS PRESENTATION IS INTENDED TO, NOR SHALL HAVE THE EFFECT OF, CREATING ANY WARRANTIES OR REPRESENTATIONS FROM IBM (OR ITS SUPPLIERS OR LICENSORS), OR ALTERING THE TERMS AND CONDITIONS OF ANY AGREEMENT OR LICENSE GOVERNING THE USE OF IBM PRODUCTS OR SOFTWARE.

© Copyright International Business Machines Corporation 2011. All rights reserved.