High-Performance Process Agility for Business Growth

Business Process Management

Dave Bonaccorsi – STSM, BPM for System Z Architecture and Solutions

IBM zEnterprise EC12 (zEC12) Next generation of hybrid computing

IBM Business Process Manager v8 for z/OS

Reusable enterprise process services

Modernization of existing applications with shared and

performance process automation

Simplicity of process complexity through high-

Resiliency through workload management & co-location

Maximize agility in zEnterprise Business Applications...

Enable social collaboration to manage business change

Ensure transactional integrity

Manage mission-critical business processes at scale

Dramatically Improve the Way Work Gets Done
1. Unstructured Tasks and Communication (e.g., Paper or email)
2. Inefficient Working Environment Spans Systems
3. Inconsistent Prioritization
4. Incomplete or Inaccurate Data Flow Between Systems
5. Lack of Control Over System and Business Events (Exceptions)
6. Poor Visibility Into Process Performance

"Business as Usual" Begs for Operational Improvement

The Essential BPM Capabilities

- Modeling
- Monitoring
- Automation
- Governance
- Optimization
- Rules
- Information
- Cases
- Events
- Integration
- Collaboration
- Analytics

- Process Performance
- Poor Visibility Into
- Errors (Exceptions)
- Lack of Control Over
- Incomplete or Inaccurate Data Flow Between Systems
- Inconsistent Prioritization
- Collaboration
- Analytics

IBM
IBM Products for Business Process & Decision Management

Work together to deliver effective solutions for business operation improvement.

Give Visibility & Control to Process Managers

IBM
Process Designer

Simplicity for deep business user engagement

**Process Designer**

- **Workflow and exception handling**
  - Explicit event modeling defines position in the process
  - Graphical end-user view of process status to understand the current position in the process

- **Graphical**
  - Process design and analysis process design and analysis

- **Every team member**
  - Including nontechnical users - to collaborate on simple standards-based tool allows

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**What's New in IBM Business Process Manager v8?**

- **Cloud**
- **Mobile**
- **Content**
- **Access**
- **Social Collaboration**

**Governance**

- **Enhanced**

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**IBM Business Process Manager v8**
Validate process requirements and changes faster.

Built-in Playback

Playback feature simplifies process review and step through the current process design by actually executing it.

Centralized governance of mixed IBM BPM environments.

Process Server Standard

Process Server Advanced

Process Center Advanced Repository

Process Center Advanced can manage development and deployment of BPM applications for either Process Server Advanced or Process Server Standard.

Process Server Advanced includes WPS technology that can be utilized when you also need advanced integration capabilities.
Powerful integration capabilities

Integration Designer

Visually construct reusable SOA services, data transformations, BPEL orchestrations, and integration to applications and backend systems. Simplifies integration development through pattern-based authoring.

Process Server

Confidently execute mission-critical solutions

Execute processes consistently, reliably, securely, and with transactional integrity. Rich repair and recoverability capabilities, such as automatic retries, manual repair, and compensation.

High quality-of-service volume process automation and with extended support for high-scalability and availability.

High scalability and availability

Single BPM runtime to support the full range of business processes, including SOA services. Eclipse-based tool that integrates with Visual editors and simplifies integration development.

Easily build reusable SOA services, orchestrate services, and access backend systems.
Use governance processes to control process lifecycle events with specific lifecycle events associated.

A comprehensive set of capabilities to service-enable your assets, including packaged, custom, and legacy applications, technology protocols, and databases.

**Built in SOA components - Flexible**

- Trigger governance processes associated with specific lifecycle events
- Connect application and information assets
- Connect applications and ESB
- Accelerate business integration projects

Integration Adapters and ESB

Governance processes support deploying Snapshots

Process Lifecycle Events
What's New in hybrid computing

**IBM BPM Ps V8 for z/OS**

- greater z/os exploitation
- out-of-box adapters with support for
- hybrid deployment patterns
- further refinement of proven base
- WAS V8.x for z/OS
- hybrid computing
- IBM Zentreprise

The Key Technical Messages for:

- enhanced commonally across platforms
- common Mbase streamlined install
- DB2 V10 for z/OS optimization
- WOLA support
- greater z/os exploitation

Further refinement of proven base

WAS V8.x for z/OS
IBM BPM and Service Component Architecture (SCA)

Support for languages such as C, COBOL, PL/I, and Channel Records.

Multiple output

Leverage native z/OS data structures

Reference data from COBOL

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BPM V8.0.0.0 Performance Improvement

VT1 = IMS PriceChange Process (Microflow)

BPM V8.0.0.0 Performance Improvement

VT1 - IMS PriceChange Process (Microflow)
Thank You