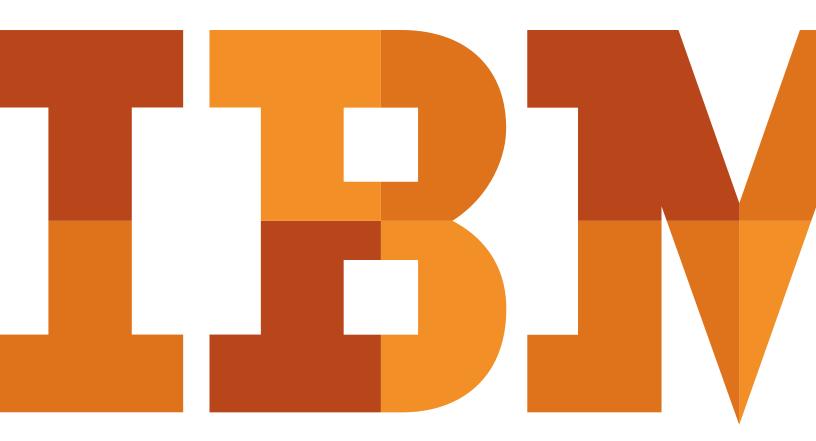# Automate, manage and optimize business processes in the cloud

Drive simplicity and speed into your business operations with IBM Business Process Manager on Cloud

Highlights

- Enables business process management (BPM) in the cloud with asubscription-based consumption and delivery model without software licenses, hardware and IT administration skills

- Helps increase efficiency with a dedicated BPM cloud environment for more rapid process application development, testing and deployment

- Manages change in requirements more confidently with improved visibility into process environments and versions

- Supports collaborative process design and analysis with more simplified graphical design tools

- Expands the ability of IBM BPM to protect against more severe problem that affects multiple components

Why BPM and Cloud?

As the demands of customers change and become morechallenging, business leaders and their teams must be well equipped with technology and agile business processes to cater to various requirements. To induce agility in their business processes, executives often employ BPM, a streamlined approach to managing business functions. BPM uses software and services to identify, document, automate and continuously improve business processes to increase efficiency and reduce significant startup costs..

BPM and cloud technologies have several benefits that are complementary in nature. Both help people act in an agile manner—creating and running projects, and learning and changing faster based on new requirements, while substantially reducing risk and up-front costs. With cloud computing, and specific applications and solutions provided in a Softwareas-a-Service (SaaS) model that are immediately available and ready to use, you can empower people to be more productive almost instantaneously.

Why IBM BPM on Cloud: Key features and benefits

IBM® Business Process Manager on Cloud is a fully managed, subscription-based BPM cloud service that helps business users start projects quickly and deploy process application solutions on the cloud without the need to build and maintain an IT infrastructure.

With IBM Business Process Manager on Cloud, you can:
- More easily transform your enterprise to a cloud-and-BPM-focused one
- Enable a full lifecycle BPM environment, including development, test and production — with tooling and runtime for process design, execution, monitoring and optimization
- Have greater visibility and management of business processes

It is designed to enable business users to initiate process improvements more quickly with a ready-to-use environment hosted in IBM cloud data centers. This service provides rapid time to improve user productivity, including stage and pre production. It also provides migration consulting subscription options to help you accelerate migrating process applications from on-premise environments into IBM Business Process Manager on Cloud.

Figure 1: A graphical view of IBM's approach to BPM

Many companies require multiple runtime environments in their development methodology to manage the developmentto- production lifecycle. Runtime environments can be used for functional testing, user testing, preproduction or additional production environments. For example, a common deployment pattern is to execute a single application per process runtime environment, while managing all of the applications from the same development environment, such as a process center.

What's new in IBM BPM on Cloud?

IBM expands the capabilities within IBM Business Process Manager on Cloud to handle multiple applications and process runtime environments to address this requirement.

The service delivers new ordering options for adding process runtime environments to supplement the three existing environments that come standard with IBM Business Process Manager on Cloud. Within a customer instance, there are three environments:

- Development
- Test
- Production

You can choose from two orderable options to add more runtime environments:

- Single test environment, for use as a simple testing environment
- Process runtime environment, for use as a stage, preproduction or additional production environment

With IBM Business Process Manager on Cloud, you can help eliminate common impediments to starting BPM projects, such as capital expenditures, hardware availability and the skills for developing and managing systems. Further, you can combine advanced capabilities and deliver them in a single platform that is designed to be simple enough to engage process participants, yet powerful enough to scale as required to support enterprise-wide transformation.

IBM Business Process Manager on Cloud is a highly scalable and security-rich process application deployment environment managed by IBM specialists and available worldwide, with regional access points for improved performance. As a user, you do not have to worry about details, such as the hardware and operating systems that the software runs on or how it is configured. The service is provided in a highly available manner and system patching is handled when a security or software patch is required. In addition, IBM specialists handle backing up the environment daily, and generally monitor and keep the system running to help you focus exclusively on your business. That's the power of IBM Business Process Manager on Cloud.

IBM have further expanded the capabilities of IBM Business Process Manager (IBM BPM) on cloud with an option named Premium Availability. This is build on the rich high availability capabilities, which are present in the current cloud services offering that protects many types of single component failures within a data center. This also expands the ability of IBM BPM to protect against more severe problems that affects multiple components, or even loss of whole data center that may result from a power outrage or loss of connection

Key benefits of IBM Business Process Manager on Cloud

Available in less than 48 hours

Agility

Reduced dependency on IT

More effective change management

Enhanced visibility

Improved business productivity

Improved Disaster Recovery

Figure 2: Key benefits of IBM Business Process Manager on Cloud

IBM Business Process Manager on Cloud includes:

- Enhanced web-based developer tools that enable process developers to create a compelling business user interface (UI) without deep technical skills
- Process Portal and coach-based UI that can display and operate responsively based on the devices on which they are used—enabling business users to work away from the office using mobile devices
- Integrated case management capabilities with new web-based developer tools to model, validate and playback cases using Business Process Modeling Notation (BPMN), now standard in all editions of IBM Business Process Manager on Cloud

With IBM Business Process Manager on Cloud service, you can:

- Enable a more complete development, testing and deployment environment that is available in less than 48 hours to provide a dedicated database instance to store and retrieve data when developing business processes.
- Support highly available execution runtime for process applications for initiating new business processes, especially ones that are extensively human oriented.
- Manage initial startup costs by enabling projects to start small with a subscription-based consumption model that you can grow over time and scale smoothly from initial project to enterprise-wide program, with a wide range of business partners ready to assist.
- Access and prioritize tasks more easily with the platform's user-task management capability, which provides users with the right information at the right time based on their roles.
- Enhance decision making with built-in visibility and analytics, and improve collaboration between IT and business teams with a unified, model-driven environment.

- Enable a security-rich single sign-on using Security Assertion Markup Language (SAML).
- Support greater freedom to manage larger numbers of users by entitling concurrent access to the system rather than named users.
- Accelerate your migrating process applications from on-premise environments into IBM Business Process Manager on Cloud with the help of migration consulting subscription options.
- Supplement the three existing environments of development, test and production, which come standard with IBM Business Process Manager on Cloud, with ordering options for adding process runtime environments.

Leading UK timber and builder merchant Travis Perkins uses IBM Business Process Manager on Cloud to control essential data processes in the mobile and digital age. With IBM Business Process Manager on Cloud, the company is able to engage multiple new high-level data governance processes, including data collection, data change and approval with clear insight. The improved mobile and digital experience allows Travis Perkins to develop a strong market intelligence to expand business relationships and meet customer needs.

Why IBM?

Executives seek innovative ways to drive business growth while addressing rising customer expectations. At the same time, IT teams must deliver greater flexibility to the business while managing costs. As a result, organization leaders are increasingly considering a single BPM platform to manage these challenges.

IBM specialists have extensive experience in BPM and cloud technologies and employ tested methodologies together with advanced tools to help you achieve success in your BPM projects. Our specialists help provide intellectual capital, industry insight, technology assistance and the global reach to support a wide range of critical business needs.

By partnering with IBM specialists, you can optimizeyour business processes and enhance visibility throughout departments, which can lead to continuous process improvement, and respond to events in near-real time. In addition, you can realize enhanced time to value through business -user-focused design capabilities. With IBM's cloud service, you can address customer and IT-related challenges more effectively and transform your enterprise to a BPMfocused, globally integrated organization.focused design capabilities.
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For more information

To learn more about IBM Business Process Manager on Cloud, please contact your IBM representative or IBM Business Partner, or visit the following website: **ibm.com/**marketplace/cloud/process-managementsoftware -in-the-cloud/us/en-us

Additionally, IBM Global Financing provides numerous payment options to help you acquire the technology you need to grow your business. We provide full lifecycle management of IT products and services, from acquisition to disposition. For more information,
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