IBM Cloud Management for Hybrid Deployment

A modular solution for managing applications, quality and control across cloud and traditional infrastructure environments

Highlights

- Identify, isolate and resolve issues faster by streamlining and automating the management of alerts, events, incidents and problems.
- Ensure the availability and performance of critical business applications, services and underlying infrastructures.
- Use analytics to gain insights that help predict outages and drive efficiency by detecting deviations from normal or expected behavior to prevent issues before they impact users.
- Bring operations and line-of-business application development together with a single solution.

Four key trends are driving change in the hybrid cloud integration market. Enterprises need to quickly develop and deploy applications that reliably operate their services at massive scale. They also need to deploy the services themselves or consume as-a-service offerings with simple pricing. Developers want to use languages and frameworks that help them seamlessly deploy and monitor applications that connect with existing applications and back-end services, on-premises and across clouds. And, business leaders need to augment processes with decision optimization and cognitive assistance to compete in the digital economy.

Simplify the management of secure, scalable multicloud and traditional applications

Digital transformation is fueled by a near-ubiquitous access to the cloud where developers can leverage multicloud architectures to integrate both public and private cloud services with back-end components to build innovative digital products and services. But, development teams are charged with delivering more functionality, with shorter lead times and without sacrificing quality. To address this challenge, development teams are transforming their approach to software development by adopting cloud technologies and new microservice architectures. The reality of this transformation means applications are extended and refactored into cloud architectures one component at a time.

For IT managers, this new transformation brings new challenges every day. They are working on a variety of environments such as cloud, a more traditional on-premises infrastructure, or more likely, a hybrid combination. The challenges of one day might be solved and replaced by a whole new set the next day.

IBM® Cloud Management for Hybrid Deployment is a modular solution that provides end-to-end visibility, control and automation to manage applications, infrastructure, services and workloads providing insights for smarter management and business decisions across cloud, hybrid and traditional environments. IBM Cloud Management for Hybrid Deployment can help you:

- Identify, isolate and resolve issues faster by streamlining and automating the management of alerts, events, incidents and problems.
- Ensure the availability and performance of critical business applications, services and underlying infrastructures.
- Use analytics to gain insights that help predict outages and drive efficiency by detecting deviations from normal or expected behavior to prevent issues before they impact users.
- Bring operations and line-of-business application development together with a single solution.
- Manage fast-changing applications efficiently and effectively.
- Maintain hybrid and IBM Cloud Private environments with a dynamic, cognitive solution.

FlexPoints: A flexible licensing model

In addition to its software delivery capabilities, IBM Cloud Management for Hybrid Deployment provides a unique licensing model that gives more control to software development teams for how they allocate their budget and more deployment flexibility after the purchase.

IBM Cloud Management for Hybrid Deployment is licensed through FlexPoints and each application has a certain FlexPoints value. To license these applications, IT managers can purchase FlexPoints in packs of 1,000 and allocate them across the included applications according to their needs. As the composition of the team changes or grows, the deployment of FlexPoints across the applications can be adjusted and additional FlexPoints purchased.

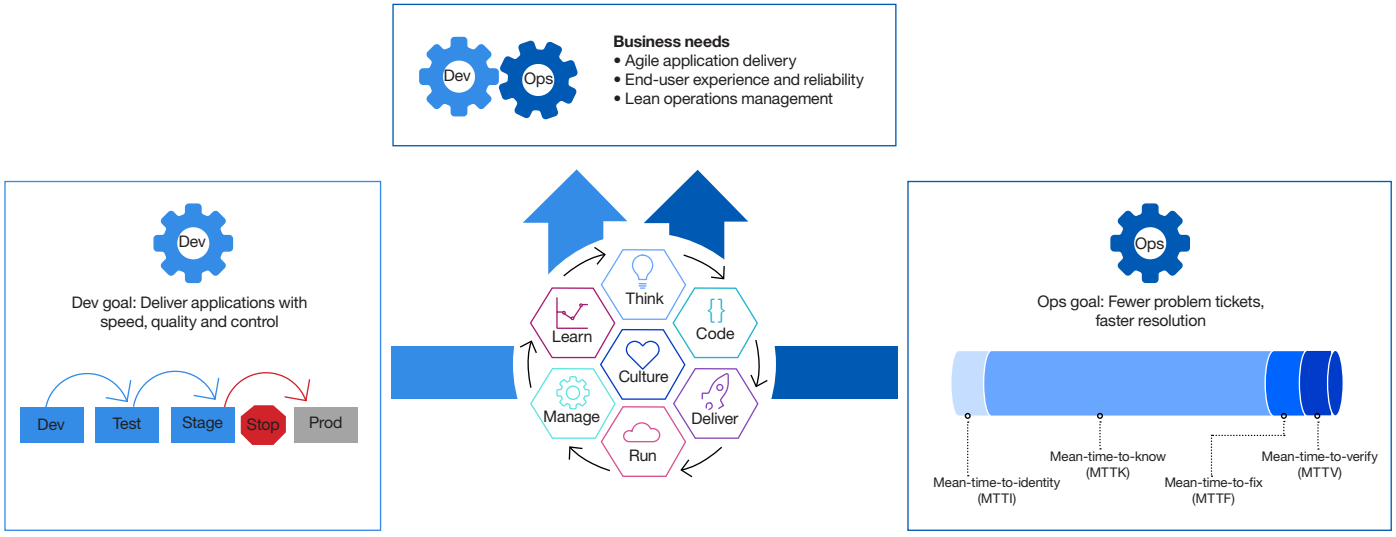

Figure 1: IBM Cloud Management for Hybrid Deployment can be used in conjunction with IBM Cloud DevOps for Hybrid Deployment to provide a complete solution for application and operation teams.

Applications available for licensing with FlexPoints

The critical management applications needed by operations teams are conveniently bundled together in this solution. With FlexPoints, you can choose which applications to license and then adjust as your needs change.

- IBM® Netcool® Operations Insight is an analytics-driven operations center that provides cross-domain correlation, enrichment and consolidation of millions of alerts or alarms and operational data in a single operational view. It uses real-time and historical analytics to help identify, isolate and resolve problems before they affect business operations.
- IBM Cloud Application Performance Management is a comprehensive solution that helps you manage the performance and availability of applications that are deployed on-premises, in a public cloud, or as a hybrid combination.
- IBM Operations Analytics is a suite of offerings tailored to provide advanced cognitive capabilities for IT operations.
- IBM Workload Automation is a complete solution for batch and real-time workload management, available for distributed mainframe or hosted in the cloud. It drives business and IT workloads on hosted servers—with virtually no cost of ownership for your central server.
- IBM Control Desk provides the IT service management needed to simplify support of users and infrastructure. It reduces costs and increases satisfaction through user-friendly self-service, automated service management and seamlessly integrated, best practice-based service desk capabilities.
- IBM Tivoli® Application Dependency Discovery Manager is a configuration management tool that helps IT operations personnel improve availability for application environments.
- Tivoli System Automation Application Manager manages and automates complex applications across the enterprise. It enables operators to more effectively execute complex tasks such as starting and stopping heterogeneous business applications.
- Tivoli System Automation for Multiplatforms helps coordinate and manage application operations, and provides high-availability clustering on multiple platforms. It recovers or performs a failover of application components autonomously within the cluster in the event of application or system failure.

For more information

To learn more about IBM Cloud Management for Hybrid Deployment, please contact your IBM representative or IBM Business Partner, or visit the following website: **ibm.com**/us-en/marketplace/cloud-management-for-hybrid-deployment

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Produced in the United States of America
January 2018

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