Next-generation application development and management assessment for hybrid multicloud

Optimize your enterprise application landscape with a comprehensive approach to validate current skills, processes and technology

Highlights

Identify cloud application strategies

Drive growth with application management on cloud

Build a foundation for application modernization and transformation

Identify modernization priorities within your application portfolio

The enterprise application landscape is becoming increasingly complex. Most organizations operate in a multicloud environment and use cloud computing as a business platform to drive revenue growth and innovation. Technology trends are changing the way we work and enable the capabilities and tools required to drive higher levels of speed, quality and efficiency.

It can be difficult to identify a starting point to optimizing applications for higher performance and better user experiences. The IBM next-generation application development and management (ADM) assessment provides an unbiased end-to-end analysis of your application environment with action-oriented results to prioritize strategy.

The next-generation ADM assessment for a cloud environment identifies high-impact, low-cost and low-risk opportunities that help your organization move up the value chain. It compares the current maturity of your organization's application management services against industry standards and market expectations. The outcome is a prioritized roadmap of engagements including pilot projects and proof-of-concepts that help in value-realization.

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Trends driving the need for application optimization and modernization

Market trends driving the future of application services
Rapid technology advances have accelerated expectations related to speed, efficiency and resiliency. Here are the market trends that impact future application services:

Business trends
Expectations for how technology helps meet business goals are changing to include these factors:

– Business growth support
– Increased expectations for consumer-like experiences
– Rising digital ambitions
– Increased financial pressure
– Expanded breadth of user experience
– Increased hyper-personalization

Technology trends
Businesses are using new tools to improve speed, quality and efficiency, including:

– Accelerated cloud adoption
– Omnichannel experience
– Application decomposition
– Data fabrics
– Service integration
– AI-driven optimization
– Automation-led productivity
– Development and operations
– Technology velocity and security
– Agile at scale

IBM application management services (AMS) combine state-of-art software engineering practices with the matured IBM next-generation AMS platform toolkit. These services can help you realize improved cost-efficiency, high availability and resiliency delivered with agility and speed. We focus on security and reliability for new-generation hybrid multicloud platforms and application portfolio management.

Here are the key objectives for the assessment:

– Evaluate the current maturity level of the AMS organization compared to industry standards and market expectations.
– Identify high-impact, low-cost and low-risk opportunities to move up the value chain.
– Determine required changes across people, processes and technology to optimize the core for efficiency, unlock existing systems for new capabilities, innovation and speed.

We use the following methodology for the assessment:

– Hold interactive discussions with the client and stakeholders regarding capabilities and use cases.
– Conduct questionnaire-based surveys with the client and stakeholders across the portfolio.
– Analyze and evaluate services and documentation.
– Assess the shifts needed across people, processes and technology to arrive at the next-generation ADM on cloud roadmap.
– Pinpoint opportunities, including automation, quality engineering, DevSecOps, service integration and cloud modernization.
– Identify high-impact, low-cost and low-risk opportunities.
– Assess the current state of the capabilities and develop a course of action.
– Compare current maturity and gaps to market best practices and identify opportunities for optimization and ADM transformation.

We use pilots to test the opportunity-benefit hypothesis in the following ways:

– Identify high-impact opportunities based on factors, such as impact, cost to implement, coverage and value. We also define the success criteria of minimal viable products (MVPs).
– Secure the proof of concept and determine first steps to achieve the desired application transformation.
– Make key transformation decisions, including platform, tools and technical approach and solidify the business case for the recommended roadmap.
– Pivot to a new approach quickly or perform A/B testing.
– Define the final roadmap in the retrospective phase.

Your enterprise can accelerate innovation in a hybrid cloud world by rethinking application management. To manage applications regardless of where they reside, it's time to transform your processes, skills and methodologies for managing applications. Smarter application management helps you take advantage of the hybrid cloud world and realize the potential of your cloud investment.

Why IBM?

IBM is a recognized leader in cloud application management services with the in-depth expertise to manage all your applications whether they run in the cloud, on-premises or in the private cloud. IBM can help you improve efficiency with automation, increase agility with DevOps and move the focus from fault detection to prevention using AI. Our approach to cloud application management can increase operational efficiencies, enable quick responses to change business needs and implement continuous innovation across your application portfolio.

IBM has the expertise, custom solutions and collaborative approach to deliver digital transformation. We help clients drive digital reinvention agendas, improve business operations and efficiencies, and gain competitive advantage.

For more information
Accelerate innovation in a hybrid cloud world by rethinking application management. To learn more about the IBM next-generation application development and management assessment for hybrid cloud, contact your IBM representative or IBM® Business Partner or visit ibm.com/services/applications

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