IBM intelligent automation solutions on AWS

Combine the power of IBM Automation with the speed and simplicity of AWS

Highlights

IBM is collaborating with Amazon Web Services to deliver intelligent automation software as-a-Service on AWS

Get fast, precision observability into your AWS technology stack to drive performance and reliability

Cloud optimization you can continuously automate to prevent performance risk and cost overruns

Power your digital transformation by getting the most from APIs

Move data of any size across any distance

Organizations of all sizes across a range of industries are looking to boost productivity and reduce costs in order to stay competitive amidst labor shortages, supply chain challenges, and customer service disruptions. One of the key ways to achieve this is by automating processes and systems—across both business and IT—using intelligent automation software.

However, it can often be difficult, time-consuming, and expensive to identify, try, buy, and deploy the right automation products for your specific use cases. IBM is working with Amazon Web Services to deliver IBM Automation software as-a-Service on AWS to make it faster, easier, and more cost-effective to deploy and run IBM automation software on AWS.

With high-availability, on-demand elastic scaling and deep integration with AWS services out-of-the-box, you'll be able to get up and running quickly with these market-leading IBM Automation solutions across your organization.

IBM Observability by Instana Application Performance Monitoring

Get fast, precision observability into your AWS technology stack to drive performance and reliability

IBM Instana APM provides high precision, one-second metrics with complete, unsampled end-to-end transaction traces for a vast range of AWS software services and applications. IBM Instana APM's observability combines monitoring with artificial intelligence-driven context to quickly detect and help resolve application issues rapidly. Automated IT infrastructure discovery and monitoring reduces the amount of work that engineers and other IT professionals need to complete to monitor cloud systems and keep them healthy. Additionally, IBM Instana APM reduces mean time to repair (MTTR), meaning that event correlation can help reduce incident triage time and can often be combined with AIOps to prevent an impending issue before it can occur. Engineers and developers are alerted to issues in the cloud as IBM Instana APM discovers them, empowering them to "shift left" and proactively solve them before they can develop. With observability across the entire pipeline, you can understand the impact of code-level changes within seconds of deployment to maintain high performance and service stability as well as reducing downtime. This easy-to-use solution employs intelligent action to provide deep analysis with context and suggestions on resolutions to keep systems healthy and customers happy.

IBM Turbonomic Application Resource Management

Cloud optimization you can continuously automate to prevent performance risk and cost overruns
IBM Turbonomic Application Resource Management assures application performance, while minimizing cloud spend, as well as your carbon footprint. Customers automate and operationalize our cloud optimization for immediate and continuous results. Software (not people) makes complex resourcing decisions to ensure all applications get exactly what they need to perform, continuously and automatically.

Leveraging APIs, IBM Turbonomic gathers real time application and infrastructure data, mapping out the complete application stack, including all resource dependencies across compute, storage, DBaaS, Kubernetes, RIs and discounts, as well as compliance constraints. The platform generates consumption-based resourcing actions that can be safely automated, unlocking cloud elasticity and freeing IT to focus on innovation. Customers never compromise between end-user customer experience and sustainable business growth.

IBM API Connect

Power your digital transformation by getting the most from APIs
IBM API Connect enables businesses to manage their APIs through their entire lifecycle while maximizing their value. Businesses can create new APIs with a robust set of tools, bringing APIs to market more rapidly, while making management easier. Developers are empowered to deliver applications faster with self-service APIs. Adoption of APIs is promoted by company branded portals and community building features, while a deeper view of usage data helps inform API monetization.

With the IBM API Connect service, businesses can achieve a faster, more robust, and flexible path to digital transformation with a market-leading solution that puts API management to work. Combined with the power, security, and flexibility of the Amazon Web Services (AWS) Cloud, IBM API Connect offers a powerful set of API management tools in one integrated package.

IBM Aspera

Move data of any size across any distance
IBM Aspera on AWS is a hosted service to quickly and reliably send and share your files and data sets of any size and type across a hybrid cloud environment—up to hundreds of times faster than FTP and HTTP.

You can collaborate with internal and external users through shared workspaces, while controlling access to your data. Seamlessly access data stored across multiple clouds and on-premises data centers. Move files of any size and volume over any distance at maximum speed, regardless of network conditions. Protect your data with comprehensive built-in security, including encryption over-the-wire and, optionally, at rest.

Why IBM intelligent automation software on AWS?

IBM is working with AWS to give customers faster and easier access to IBM Automation software, as well as increase the value of investments due to the integrations between the providers.

Get up and running quicker
You can get started in just a few clicks with trying, buying, and provisioning IBM Automation software through the AWS Marketplace. AWS continues to have a growing portfolio of native services which are built to cater for scale, resilience, security, and agility without the customer having to solve these challenges themselves, so you can have a faster time to market.

Gain more from your investment
You pay one fee for the software and the infrastructure, without the cost or effort of managing either component yourself so you can focus on solving your most pressing business challenges. By purchasing IBM Automation software on AWS, you get access to the latest features and functionality at no additional cost.

Achieve greater resilience and agility
IBM Automation software integrates with AWS native AI services, which are built for scale and resilience, allowing you to gain more agility and resilience.

For more information

To learn more about IBM Automation software on AWS, or schedule time with an IBM expert for a no-cost, 30-minute discussion, visit ibm.com/resources/automation/aws

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