

# IBM Enterprise Application Service for Java

Build, deploy, and run enterprise Java  
applications in the cloud with ease



## Highlights

Reduces operational  
overhead by managing  
middleware in the cloud

Boosts productivity with an  
integrated experience and  
access to genAI

Automates migration and  
modernization to reduce cost  
and risk

Businesses face rising operational costs, skill gaps, technical debt, and increased risk from aging IT systems. To mitigate this, many are looking to modernize their core Java applications—but high complexity and cost often stall progress. IBM Enterprise Application Service for Java (EASEJ) simplifies operations, accelerates application delivery, and transfers the responsibility of infrastructure and middleware management to IBM. EASEJ reduces the operational burden so your teams can focus on innovation.

EASEJ is a fully managed application platform, available as a service on IBM Cloud and AWS. It removes the overhead of managing middleware and provides everything needed to build, test, deploy and run applications, so developers can focus on innovation. With tools that automate key steps in the process of migrating Java applications to the cloud, EASEJ minimizes risk and reduces the work required.

Only 16%

of developers' time is spent coding applications—the rest goes to operational tasks, slowing innovation and limiting your team's productivity<sup>1</sup>.

700 hours

is the average time it takes to migrate one application without automation<sup>2</sup>.

### Eliminate the cost and burden of managing middleware and infrastructure

By using EASeJ, operations teams move the responsibility of managing application infrastructure to the cloud, reducing their burden and freeing them to focus on higher-value activities.

- EASeJ offers a cloud-managed environment with built-in High Availability across three (3) cloud Availability Zones and automated runtime maintenance for security fixes, all with a [99.95% availability Service-Level Agreement](#).
- EASeJ delivers the same secure, reliable experience across IBM Cloud and AWS, helping enterprises adopt the cloud strategy that best fits their business.

### Accelerate development and delivery of innovation

EASeJ integrates seamlessly with existing development tools and provides pre-configured CI/CD pipelines to streamline the application development lifecycle. By automating build, test, and deployment processes, EASeJ helps reduce manual work and accelerates time to market, helping businesses align with modern requirements.

- Pairing EASeJ with [IBM watsonx Code Assistant \(wCA\)](#) brings [genAI](#) to the developer experience, offering AI-assisted code generation, test creation, and code explanation to boost productivity.

### Minimize the cost and risk of migrating to SaaS

EASeJ automates key steps in migrating and modernizing Java applications. The Application Modernization Accelerator (AMA) tool, provided with EASeJ, helps organizations discover and visualize their application estate, including dependencies such as databases and messaging systems. These insights help you to plan, prioritize and identify critical applications and components for migration and modernization.

- By leveraging AMA, businesses can [reduce the time](#) needed to plan their migration [by over 90%\\*](#)
- By using AMA, businesses can [reduce modernization effort](#) by [79%\\*](#)

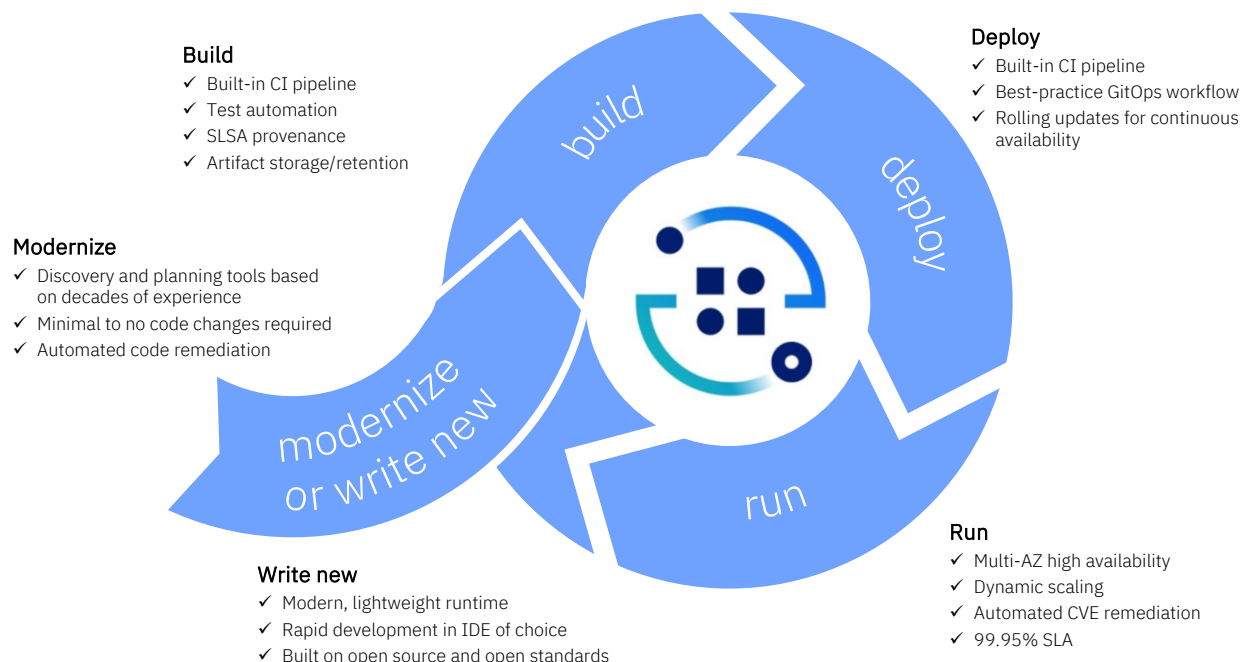


Figure 1: Build, deploy, and run applications in a single experience without the operational burden

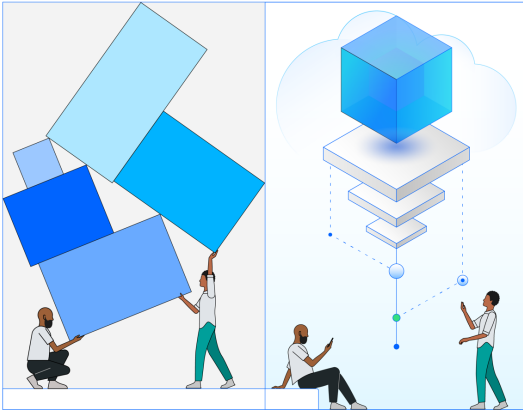


Figure 2: Remove the burden of managing and maintaining application middleware

## Conclusion

Enterprise Application Service for Java helps reduce operational costs, lower risk, and free up resources—enabling you to focus on innovation and productivity. This fully managed service runs on IBM Cloud and AWS, removing the burden of installing, maintaining, and managing middleware and infrastructure. It provides everything needed to build, test, deploy and run applications, so developers can focus on adding business value. By automating migration steps, EASeJ empowers organizations to modernize faster at scale and stay ahead of the competition.

## Why IBM?

IBM brings decades of expertise in application modernization and cloud, offering a trusted foundation for innovation. EASeJ and AMA codify deep industry experience in scalable, highly available enterprise solutions and the acceleration of Java application migration. With a global network of innovation centers, IBM delivers the scale, infrastructure, and partnerships needed for secure, successful modernization.

## For more information

To learn more about Enterprise Application Service for Java, contact your IBM representative or IBM Business Partner, or visit <https://ibm.biz/EASeJ-LP>

1. How Do Software Developers Spend Their Time?", IDC, February 2024.
2. IBM consulting, 2024.

\* Based on IBM CIO experience

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