# Java Application Modernization Assessment

## Business challenge

For businesses who are still working with legacy Java applications, moving those applications to the cloud can help you realize the benefits of cloud scaling, reduced maintenance, monitoring, alerting and more. But before these migrations can happen, you need to understand the potential target services for these applications, such as Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Kubernetes®, Azure® Spring Cloud, etc., and the effort and cost required to refactor them to best fit the identified target services.

## How we help

This assessment employs Insight's application rationalization process for defining groupings of source applications based on deployment type (EAR, WAR, Spring Boot, Containers, etc.) and/or application architecture (monolith, n-tier, microservices, etc.).

For each group, we'll determine the migration process/roadmap and migration effort (12-factor model refactoring, cloud landing zone definition, etc.). As a result of this assessment, you'll be better equipped to budget and plan for migrating your Java® application portfolio.

## How to prepare

To ensure you receive the greatest value from this Assessment, you'll need:

- Available SMEs with detailed knowledge of application architectures, hardware/software dependencies, system dependencies, security, etc.
- Access to any available architecture diagrams and documentation
- Access to development environments and source code, if available
- Access to CI/CD pipelines, if available

### Duration
3 weeks

### Benefits
- **Get a clear picture** of the cost and effort needed to migrate your Java applications.
- **Create a plan** for migrating each type of Java application in your environment.
- **Gain a better understanding** of cloud services available to enhance your applications.
- **Leave with a roadmap** for migrating to the cloud and modernizing applications.

### Related workshops
Azure Spring Cloud Fast Start

Application Modernization With Java and GKE

Azure AD B2C Evaluation

Cloud Enablement Assessment

.NET Evaluation

### Get started

To learn about pricing and how to get started, contact **alliances@insight.com**.
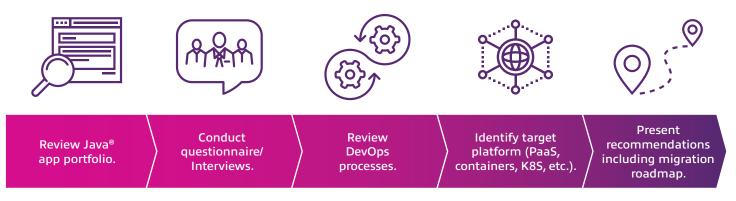
## Assessment timeline

Beginning with an envisioning and planning session, this engagement combines technical evaluation, interviews, and analysis to enable us to deliver your organization a thorough assessment with recommendations.

| Envisioning & planning session | Identity applications | Business strategy & application checklists | Owner interviews | Workshops (12-factor, DevOps, etc.) | Static analysis | Data aggregation | Deliver assessment artifacts |

| 1 day | ~12 days | 2 days |

## What to expect

During this engagement, your Insight team will work with your teams to perform the following:

| Review Java® app portfolio. | Conduct questionnaire/ Interviews. | Review DevOps processes. | Identify target platform (PaaS, containers, K8S, etc.). | Present recommendations including migration roadmap. |

## About Insight

At Insight, we define, architect, implement and manage Insight Intelligent Technology Solutions™ that help your organization run smarter. We'll work with you to maximize your technology investments, empower your workforce to work smarter, optimize your business and create meaningful experiences.

**Insight** | Digital Innovation