

# Release Automation QuickStart

## Accelerate your cloud modernization journey

Your organization is likely migrating workloads to the cloud to gain specific benefits such as improved cost, scale, availability and agility. But to maximize these business benefits, you also need to modernize the way you manage and deploy those very workloads. With Pythian's Release Automation QuickStart, modernization is within your grasp.

Organizations looking to thrive in our increasingly digital business environment inevitably look toward cloud modernization. They consider it an integral part of their long-term digital transformation strategy to enhance customer experience, drive innovation, reduce costs, and improve operational efficiency. And, they quickly come to understand that modernizing cloud workloads and infrastructure without also modernizing their management and deployment is ultimately a half-measure that can undercut many of the benefits of cloud computing such as agility and security. This is where release automation comes in. In short, modernizing your release automation is a critical component of your organization's ability to maximize the benefits of the cloud.

Within the cloud, you can easily spin up an instance. But how do you ensure it is provisioned with the right image and configuration to meet your security and compliance requirements? Automating traditional ITIL processes for releases—like change release and configuration management—allows you to achieve consistency, velocity and assurance at scale.

By combining an automated deployment process with the native agility baked into your cloud of choice, your organization can maximize business value on your journey to cloud modernization. And, with Pythian's Release Automation QuickStart, you can focus on a specific use case, get to value fast and create a foundation for cloud modernization.



## What is Release Automation?

Pythian's Release Automation QuickStart is an Infrastructure as Code (IaC) solution that establishes a "single path to production" CI/CD environment. A properly constructed deployment pipeline is, in essence, the automated version of your process for deploying and managing value-generating software and systems. It can help your organization manage IT infrastructure needs while also improving consistency and reducing errors and manual configuration.

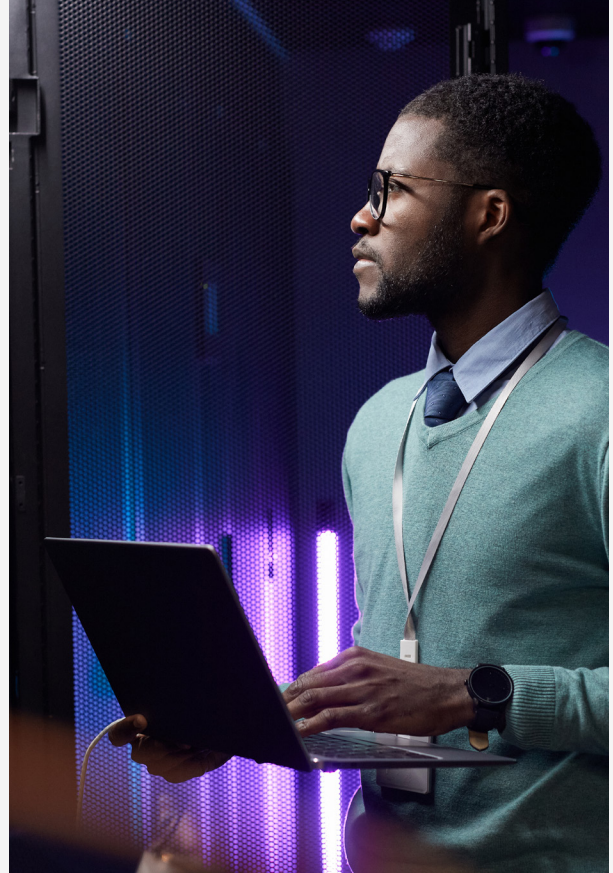
Pythian delivers essential, targeted IaC tooling required for high-quality, rapid, and compliant deployments that can accelerate the adoption of Agile deployment practices. And, it helps align your IT efforts with the needs of your users and your business.

## Looking to expedite your road toward modernization?

Pythian's **Release Automation QuickStart** is a fixed-fee, two-week sprint that can help you develop a pilot project that will:

- Enforce change and configuration policies and enable release management processes
- Maximize quality and release velocity, and minimize change failure rates
- Help ensure security, compliance and consistency of infrastructure deployments

We typically use Terraform to provision infrastructure. Thanks to its modularity, Terraform works in multi-cloud environments and provides a consistent and well-supported tool chain for IaC development. Using Release Automation QuickStart, we can help you rapidly deploy a pilot CI/CD environment and drive immediate value—with the potential to scale to any size of deployment across the organization.



## The Pythian Process

We bring a DevOps approach to traditional configuration and deployment functions, which forms the basis of an Agile release train. This framework provides a single path to production, which automatically conducts all of the required testing and checks for a release before moving into production.

This, in turn, provides release consistency and velocity—offering significant improvements over manual processes. At the same time, you'll have confidence knowing these releases meet security and compliance requirements, and will function as expected in your cloud environment.

## Highlights

- Consistent and expedient processes at scale.
- Build momentum toward value by establishing a strong foundation for your modernization.
- Essential IaC tooling to accelerate the adoption of deployment practices.
- Drive immediate value by deploying a pilot CI/CD environment.

## You Can Rely On Pythian

### Unmatched breadth and depth of expertise

Your cloud journey requires a broad range of skills and experience enabling and automating platforms for security, scale, observability, and performance. Pythian's 25 years of proven expertise in cloud, automation, security compliance, cost optimization, and modernization strategy puts in place a manageable, secure, and cost-effective foundation for innovative, impactful and secure business solutions.

### A flexible partner for the entire journey

We'll help you at every point on your cloud and data modernization journey, from strategy development to designing and deploying your cloud or data platform securely at scale across your enterprise. We'll also help you harness the power of the cloud to modernize and automate your platforms and applications, turn your data into insights and predictions, help with governance and security, and keep your data flowing 24 hours per day, 365 days per year.

### Exceptional delivery and support

Every cloud and data modernization project has many moving parts, so to keep things moving smoothly and efficiently, Pythian has coupled experienced, capable teams of architects and engineers using proven delivery methodologies with an experienced project manager for every project to ensure delivery of the agreed-upon outcomes. Pythian also offers a full range of Managed Services for your AWS, Azure, and/or Google Cloud workloads.

### Synergistic services

Pythian's planning, migration and management services are designed to help you leverage the benefits of the cloud quickly while providing various migration solution options. We can deliver a tailored modernization strategy that incorporates future-state architecture, areas of complexity and risk, and estimated cloud consumption costs. We can also perform the migration and ongoing services to manage your workloads in your cloud footprint.

### ABOUT PYTHIAN

Founded in 1997, Pythian is a global IT services company that helps organizations transform how they compete and win by helping them turn data into valuable insights, predictions and products. From cloud automation to machine learning, Pythian designs, implements and supports customized solutions to the toughest data challenges.

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## Get started with Pythian

To find out more about how Release Automation QuickStart can work for you, email us at [info@pythian.com](mailto:info@pythian.com) to get started.



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Contact us at +1-866-798-4426  
or [info@pythian.com](mailto:info@pythian.com)