Core IT Modernization

Cloud Native Container Accelerator
As companies look to make the most of the cloud, they should select a platform that flawlessly works with an on-premises datacenter, as well as private or public cloud, but in a native manner that capitalizes on all cloud advantages such as autoscaling, serverless functions, resource optimization, and managed services. For developers as well, ensuring effectiveness on the cloud requires the ability to isolate application space and start execution from a clean state to avoid dependency bugs. They need to think of all dependencies and configuration parameters in advance, then package them together to scale out and scale down effortlessly.

In tandem, operations teams need to be able to define resource allocation for network, CPU, and storage, and manage an app using the right metrics. A container native architecture perfectly serves these needs of scalability, packaging, deployment, and manageability.

Persistent’s Cloud Native Container Accelerator

Persistent’s cloud native container accelerator lets you rapidly deploy containerized cloud native infrastructure for your applications using complete automation. The accelerator consists of open source accelerators for Azure and AWS in the form of infrastructure as code (IaC) Terraform templates, to quickly spin up containerized applications on the cloud. With these accelerators, your DevOps teams can easily

- Create, configure, and control infrastructure using code
- Automate CI/CD processes to deploy containerized microservices
- Implement blue-green deployments to ensure zero downtime
- Ensure container immutability by stopping the use of older container versions and deploying newer versions

Experience the true flexibility and scalability of the cloud with Persistent’s container accelerator.