Containers on AWS

Application Modernization With Containers

There are many advantages to containerizing mission-critical applications. Containers enable organizations to leverage microservices, scale machine learning models, standardize deployments, process jobs in batches, and much more.

Containers allow for encapsulating a lightweight runtime environment for an app and presenting a consistent environment that can follow an app from the developer's desktop to testing to final production deployment. Containers can also be run on physical or virtual machines, and most container implementations have complementary orchestration tools that automate the deployment, management, scaling, networking, and availability of container-based applications.

Amazon Web Services (AWS) is the number one place to run containers. 80% of all containers in the cloud now run on AWS. ClearScale has extensive experience with containers and container orchestration tools for cloud application development on AWS. Whether you're looking to migrate to modernized containerization or move to managed containers, ClearScale has a solution for you.

Features & Benefits

Elastic Scaling

Flex up and down with consumer demand by implementing auto-scaling groups for containerized applications. Use serverless compute engine services, like AWS Fargate, to free your team's capacity up for more important tasks.

Accelerate Application Development

Use IaC and CI/CD automation to accelerate your development and deployment cycles for containerized applications. Deliver innovative products and services to market faster than ever without compromising accuracy, reliability, or security.

Create Cloud-Native Applications

Build powerful cloud-native applications capable of integrating seamlessly with other AWS services. Use DevOps best practices in conjunction with containers to fulfill specific business requirements and unique customer demands.

Reduce Cloud Expenditure

Reduce your organization's overall IT spend with AWS pay-as-you-go pricing. Only incur expenses for compute resources used, even for AWS's most dynamic DevOps tools and container management services.

Simplify Operations

Offload administrative tasks to AWS and automate workflows to preserve the integrity of your IT infrastructure. Choose between multiple technologies (AWS ECS, K8s on AWS EKS, or Fargate) to run your containerized applications.

▶ Contact a ClearScale Containers Expert Today

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About ClearScale

Founded in 2011, ClearScale provides cloud-native consulting solutions designed exclusively for AWS. Our expert team has helped hundreds of clients optimize IT infrastructure and modernize applications that generate value over the long term.