

AWS ECS Workload Migration

Reliable Cloud Migration at Scale with ECS, EC2, and Fargate

Who is this For?

Large Enterprises

Engagements focus on:

- Operational Excellence
- Security
- Reliability
- Performance Efficiency
- Sustainability

This is for customers who need:

- Immediate success
- Container migration services for 100+ workloads to AWS
- Commercial or GovCloud Services
- Pure cloud, multi-cloud, or hybrid solutions

Migrate Workloads Today

WWT offers structured methodologies for planning and executing workload migrations to AWS ECS, ensuring a seamless transition

Why Containers?

DevOps Enablement: Containers provide a consistent environment across development, testing, and production stages, facilitating collaboration between developers and operations teams.

Application Portability: Containers encapsulate applications and their dependencies, enabling easy migration between different infrastructure environments, reducing vendor lock-in.

Legacy Application Modernization: Containerization helps modernize legacy applications by breaking them into smaller, modular components, improving resource utilization and scalability.

Security and Compliance: WWT ensures robust security and compliance through enterprise-grade security measures and integration with existing on-premises systems

Cost Efficiency: By leveraging AWS cloud-native technologies, WWT helps organizations reduce operational expenses and optimize resource usage through elastic scalability.

Increased Speed and Agility: Deploy faster and focus on your applications by using Amazon ECS with AWS Fargate serverless compute for containers.

Optimized for Security and Compliance: Build on Amazon ECS with confidence, knowing that the security, compliance, and architecture meet regulatory standards.

[Read on to Learn how WWT can help!](#)



Migrate Now!

For more information, please contact your WWT Account Manager today get started migrating! AWS.Alliance@WWT.com

We will capture your current system information, map to the target AWS Services account, migrate, and test the workloads. Be sure to ask about our Modernization services to enhance the migration!

AWS ECS Migration

WWT can move your on-premises workloads to AWS Cloud Native containers with proven best practices and precision.

Move to Cloud Native ECS Reliably with WWT

WWT follows a structured, phased approach when migrating on-premises workloads to AWS ECS. Here is an overview of the process:

1. On-Premises Environment Details: Assess the current on-premises environment, including virtual machines, networking, certificates/keys, and Kubernetes configurations. Establish a performance baseline to validate the success of the migration.

2. Development Lifecycle Assessment: Understand the software development lifecycle for each workload, including criteria for successful code promotion and change request processes. Fully understand the CI/CD deployment processes and schedules for updates and release candidates. Identify key components shared by all workloads to streamline the migration process.

3. CI/CD Assessment: Fully understand the CI/CD deployment processes and schedules for updates and release candidates. Identify key components shared by all workloads to streamline the migration process.

4. Migrate Workload: Stand up ECS targets in a well-architected AWS environment. Deploy, test, and adjust the workloads iteratively until a working balance is achieved. Use the data collected to define a path for future workloads and optimize the cloud environment.

This phased approach ensures a comprehensive and efficient migration process, addressing both technical and business aspects to achieve successful outcomes.