World Wide Technology

AWS EKS Workload Migration

Reliable Cloud Migration at Scale with EKS, 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. AWS Fargate with Amazon EKS isn't available in AWS GovCloud (US-East or US-WEst).
- Pure cloud, multi-cloud, or hybrid solutions

Migrate Workloads Today

Compute on Amazon Web Services provides a robust operational model while streamlining the process of moving critical business applications closer to the people and services they rely on.

Why EKS instead of ECS?

WWT offers structured methodologies for planning and executing workload migrations to Amazon EKS (Elastic Kubernetes Service), ensuring a seamless transition.

Flexibility and Customization: Kubernetes offers more flexibility and customization options compared to ECS, allowing for more complex and tailored deployments.

Multi-Cloud Support: Kubernetes supports multi-cloud and hybrid cloud environments, providing greater flexibility in choosing and switching between cloud providers.

Extensive Ecosystem: Kubernetes has a larger and more mature ecosystem with a wide range of tools and integrations, enhancing its capabilities and ease of use.

Community and Support: Kubernetes has a strong open-source community and extensive support from major cloud providers, ensuring continuous improvement and innovation.

Read on to Learn how WWT can help!

AWS EKS Migration

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

Move to Cloud Native EKS Reliably with WWT

WWT follows a structured, phased approach when migrating on-premises workloads to AWS EKS. 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 EKS 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.

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 enchance the migration!

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