

# Enterprise container platform powered by ePACE

An Amazon EKS Blueprints solution

# Overview

Container technology has revolutionized the way we develop and run applications, bringing unimagined velocity and flexibility to the entire application lifecycle. Kubernetes has become the de facto standard for orchestrating containerized applications. However, running and managing Kubernetes at scale is complex. It requires a uniform and holistic approach to avoid inefficiencies such as limited automation, knowledge silos and rework by different application and platform teams to solve common problems and even configuration issues leaving the platform prone to cybersecurity threats.

Amazon Elastic Kubernetes Service (Amazon EKS) is the most popular managed Kubernetes service, which enables you to run Kubernetes on AWS and on-premises in minutes by offloading all heavy lifting such as Kubernetes control plane management, cluster availability, scaling and upgrades.

## **Enterprise container platform powered by ePACE**

A managed Amazon Elastic Kubernetes Service (EKS) blueprints solution provisioned and operated in a highly automated, consistent and secure manner with HCLTech's ePACE accelerator, which simplifies the entire lifecycle of the platform and hosted applications.

# Key features

ePACE (Extensible Platform Automation and Configuration Engine) delivers production-grade Amazon EKS platform integrated with essential building blocks, including application and platform observability, security and governance, backups, DR, container registry and cost management.

**100%**

Automation of the Kubernetes ecosystem

**Smart**

configuration with embedded best-practices

**Zero**

trust security and compliance

**Extensible**

framework with support for hybrid-cloud

**No Lock**

in-based on AWS native services

**Supported**

by a team of SRE and PRE

# Benefits

The solution delivers fully automated and composable AWS EKS platform life-cycle management, resulting in 80% faster provisioning, 2x faster application onboarding and 30% cost savings with modern operations.



**Swift and secure deployments**

Up to 80% faster Kubernetes platform deployments with validated and security-hardened blueprints



**Extensible automation**

Quickly onboard and integrate new AWS services or cloud native ecosystem tools



**Operational efficiency**

30% cost efficient operations with simplified platform life-cycle management



**Enhanced developer experience**

2x faster application onboarding



# Use cases

## Customer 1: Global Hi-Tech company

- Need for an Enterprise grade Kubernetes container platform based on native services of AWS cloud integrated with existing SSO and DevOps solution
- HCLTech designed and architected a multi-AZ enterprise container platform with ePACE, an Amazon EKS Blueprints solution.
- Business outcomes:
- 80% faster service delivery, 2x faster application onboarding and 30% cost efficient operations

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