

Kubernetes Migration Platform (KMP)

Accelerate application migration to OpenShift

Introduction

Organizations today look for ways to migrate workloads from legacy on-premises, Cloud Foundry and Tanzu environments to OpenShift on AWS. Over the last few years, OpenShift has emerged as one of the most innovative solutions offering that provides an extensible platform to manage, scale, deploy and maintain applications.

Modern enterprises are rapidly adopting OpenShift and AWS to make their applications easily available through scalable and cost-optimized containerized solutions. However, manual migration from legacy on-premises, Cloud Foundry and Tanzu is expensive and risky. HCLTech's Kubernetes Migration Platform (KMP) can help reduce the cost of migration and ensure container workloads are always running on the most cost-effective platforms.

KMP from HCLTech

The Kubernetes Migration Platform (KMP) from HCLTech's Cloud Native Labs is a SaaS-based, fully automated application that can assist in migrating a large number of applications from Cloud Foundry or Kubernetes to any Kubernetes distribution with just three clicks.

Key Features of KMP

KMP can migrate cloud foundry applications to native containers on Red Hat OpenShift on AWS seamlessly and efficiently. Key features include:

- Stateless and stateful application migration
- Automated workload discovery
- Three-click migration
- Multi-hybrid cloud support
- Container vulnerability scanning
- K8s object provisioning

Benefits

Businesses can quickly transfer workloads between hybrid, multi-cloud environments built on various Kubernetes-based platforms, such as Microsoft Azure AKS, Rancher, Amazon EKS, Google GKE, VMWare TKGI and Red Hat OpenShift, thanks to the KMP application from HCLTech. By giving businesses the flexibility of choice, the platform ensures they can operate on the most economical platforms.

Some key benefits include:

- Migration without prior application knowledge and zero production outages
- Helps avoid vendor lock-in
- Repeatable and includes complete data migration, often in minutes, using HCLTech's proprietary automated tooling

Compared to manual alternatives, organizations can lower risk and accomplish migrations up to 120x faster with KMP's trustworthy and economical approach.



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