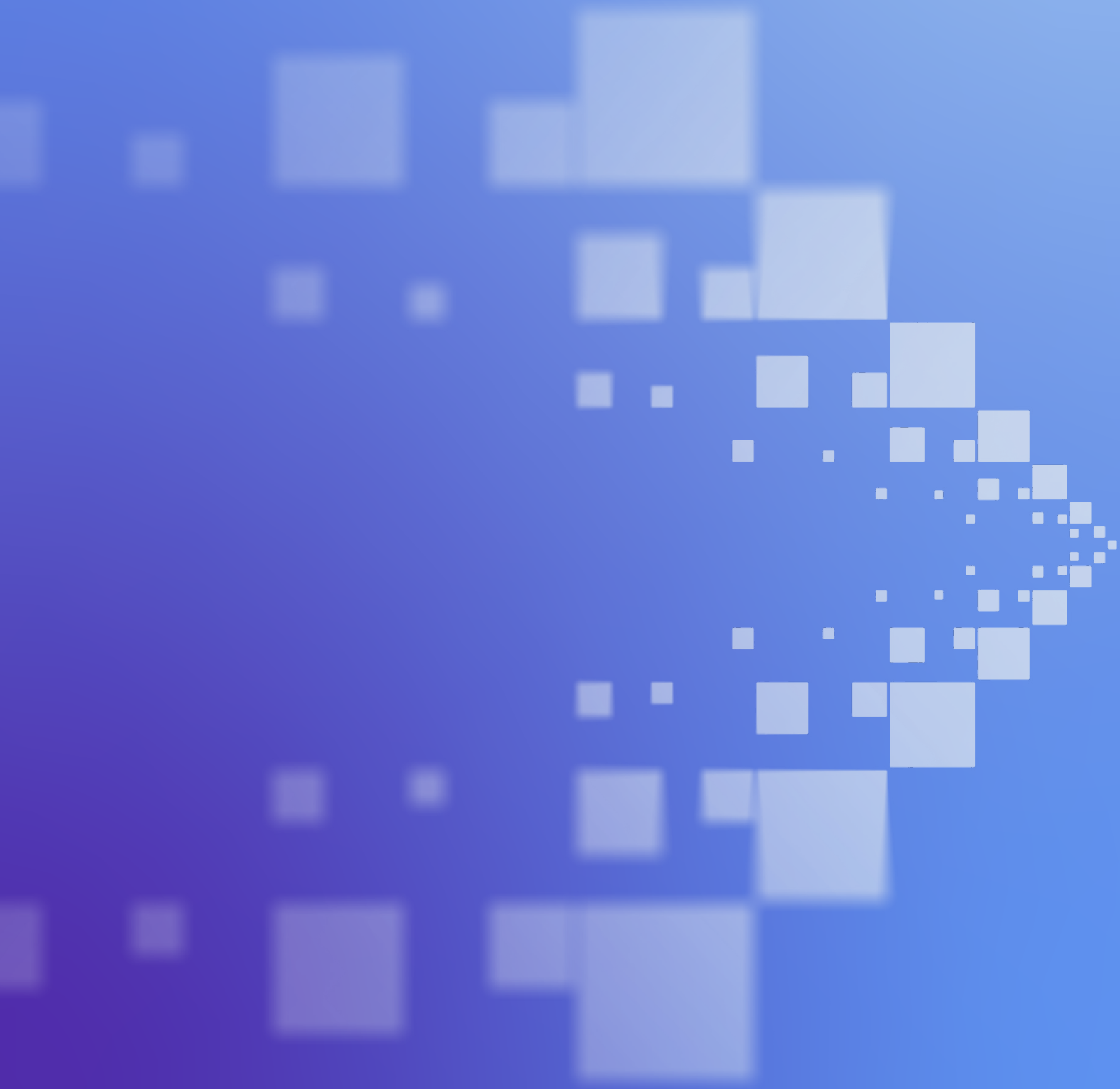


# OneClick – An AWS EKS Blueprint Solution

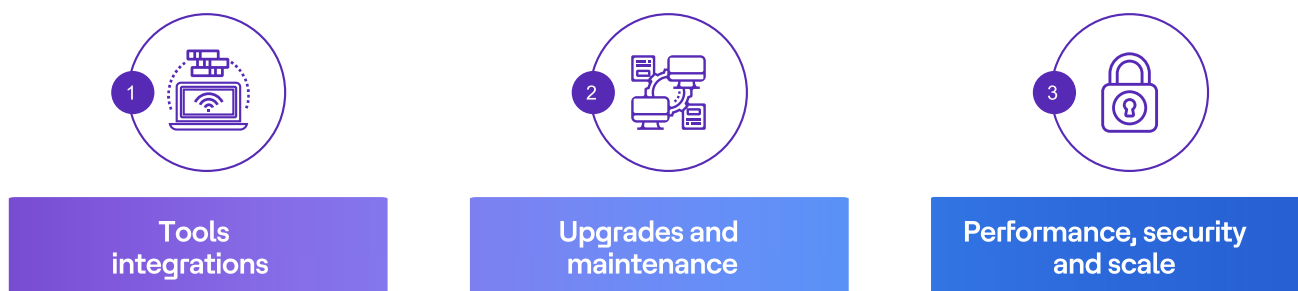


## The modern operations platform

Container technology has revolutionized application development, bringing unimagined flexibility and efficiency to the development process. Also, Kubernetes has become the de-facto standard for orchestrating containerized applications in a consistent, highly available and scalable manner.

According to IDC, organizations will build 500 million new apps in the next few years, more than the number developed in the previous 40 years combined. To run and manage business applications at this velocity and scale, organizations need a modern platform that allows multiple teams to run applications on a shared infrastructure that is managed, secured and governed in a unified manner.

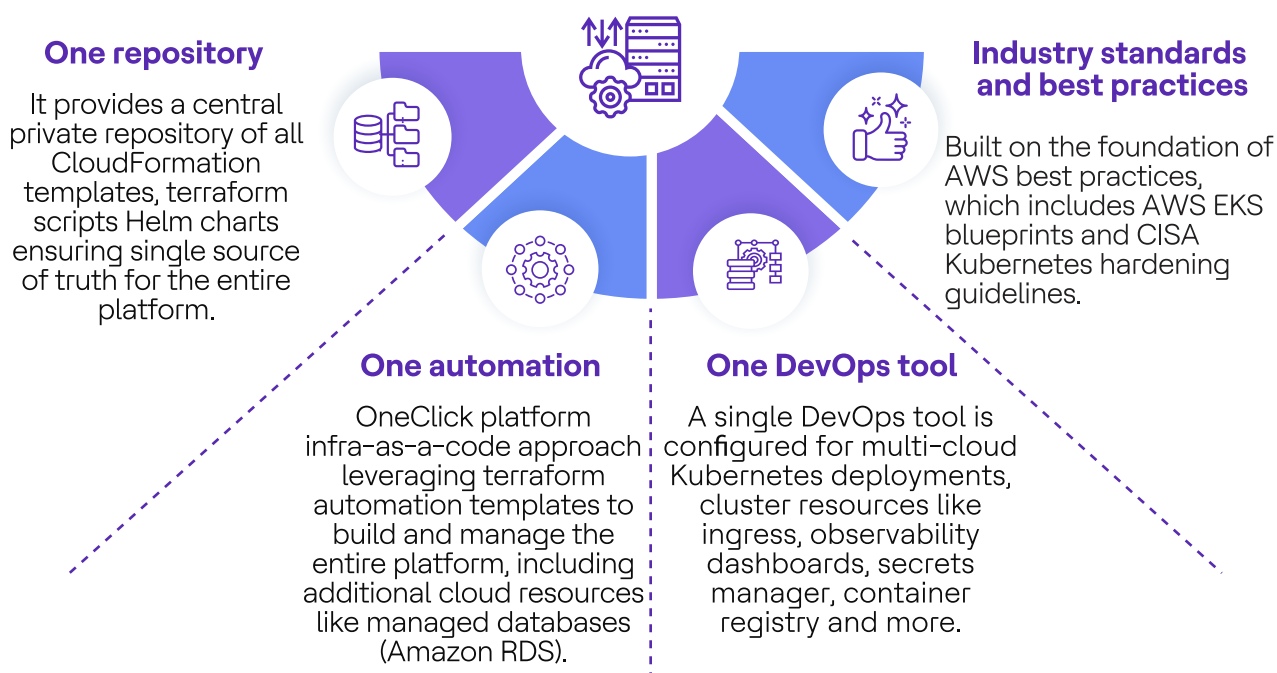
## Challenges faced by enterprises in building a modern ops platform



## Introducing OneClick – an AWS EKS blueprints solution

OneClick by HCLTech is a self-service platform for application teams to spin-up composable Kubernetes environments and associated cloud services in a secure, standardized and reliable manner.

The OneClick platform is designed on the foundation of four core pillars, as below:



## Features



### Best practices for

- Landing zone architecture
- Kubernetes
- Currency in metaverse economy
- DevOps
- PREs
- PaaS integration
- Security
- Observability
- Naming convention



### Solid framework

- Modular approach Plug and Play
- Separation of concern
- Generic templates
- Excel-based input file for customer
- Helm chart-based installations
- Extensive feature set
- Repo
- Demo API-based application with PaaS integration



### Observability

- Native (Cloud Watch, Cloud Monitoring)
- Cloud-agnostic (Prometheus, Grafana, ELK Stack)



### Trained and certified Platform Reliability Engineers (PREs)

- CKA/Cloud Certified
- Multiple project experience
- Multi-cloud experience
- Multiple tool experience



### Documentation

- Low-level design
- Separation of concern
- Architecture diagrams
- Implementation guidelines
- SOP for day 1 and day 2

## Benefits

### Self-service for developers

Developers can onboard new workloads without asking for permissions or waiting for other teams.

### Batteries included

All workloads running on the platform inherit best practices and are complete with operational tools

### Avoid redundant efforts

Application teams would no longer have to re-invent the wheel each time they want to deploy a new service

### Secure

Least privilege principles ensure minimal required permissions for service accounts



**Up to 40% operational cost savings**

**Up to 80% faster platform deployments**

**Up to 40% cost efficient than siloed Kubernetes environments**

### Easy to manage

Platform automation and unified observability helps simplify management

### Speed and automation

Fully automated and cloud agnostic deployment

### Economies of scale

Once a platform is in place, many teams can leverage the same foundation to deploy their workloads

# HCLTech-AWS Partnership

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AWS Premier consulting partner

AWS Managed Service Provider (MSP)  
Partner

AWS Channel Partner with Migration,  
DevOps, SAP, Storage, & Mainframe  
Migration competencies

Launch Partner for Amazon EKS-Anywhere  
and ECS-Anywhere

One of industry's largest pool of trained /  
certified AWS professionals

Leader in the recent ISG Provider Lens™  
AWS Ecosystem Partners Quadrant Report  
2021



**Leader in the Gartner  
PCITTS & DCO/ HIMS  
Magic Quadrants**



**Leaders in all major  
analyst reports for  
cloud**



**Kubernetes Certified  
Service Provider  
(KCSP)**

For more information, please email us at [contact.hyc@hcl.com](mailto:contact.hyc@hcl.com)

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HCLTech is a global technology company, home to 211,000+ people across 52 countries, delivering industry-leading capabilities centered around Digital, Engineering and Cloud powered by a broad portfolio of technology services and software. The company generated consolidated revenues of \$11.79 billion over the 12 months ended June 30, 2022. To learn how we can supercharge progress for you, visit [hcltech.com](https://hcltech.com).

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