Sify CloudInfinit Kubernetes Service

ACCELERATE
your business growth by ensuring Agility, Efficiency, and Innovation

Sify CloudInfinit Kubernetes Service (CKS) is a robust, secure, and user-friendly managed platform designed to empower businesses with seamless container orchestration and management. Businesses can seamlessly deploy, manage, and scale containerized applications efficiently.

HIGHLIGHTS

- Automated cluster management, including control plane & worker nodes

- High-availability cluster configuration to ensure redundancy and minimize downtime

- Seamless app deployment & scaling using Kubernetes manifests or Helm charts

- Integration with CI/CD pipelines for automated deployment, scaling, and updates of Kubernetes applications

- Private container registry for storing, versioning, distributing, & sharing container images within the tenancy

- Application Catalog with web-based UI for deploying, managing, and monitoring Kubernetes applications using Helm charts

- 24 x 7 management and customer support

- Single ownership with 24X7 helpdesk support for optimal RPO and RTO goals

- Pay for the usage during disaster period with flexible monthly/yearly plans

FEATURES

K8S Cluster provisioning, automation, and Orchestration

Simplified provisioning, unified dashboard to orchestrate across different environments

Multi-Kubernetes Cluster Management

Simplified web-interface to deploy applications, manage resources, and monitor performance

Hybrid/Multi-Cloud Enablement

Direct cloud connect by integrating on-premises infra with hybrid/multi cloud environments

Security & Compliance

Robust security measures, fine-grained access controls, and simplified policy management

Low Latency Cloud Connectivity

Proactive management and optimization of app performance by leveraging opensource traffic management, resource monitoring & real time metrics.

Traffic Management, Monitoring, and Observability

Robust application mobility ensures business continuity during unforeseen disruptions through DevOps Process Lifecycle.

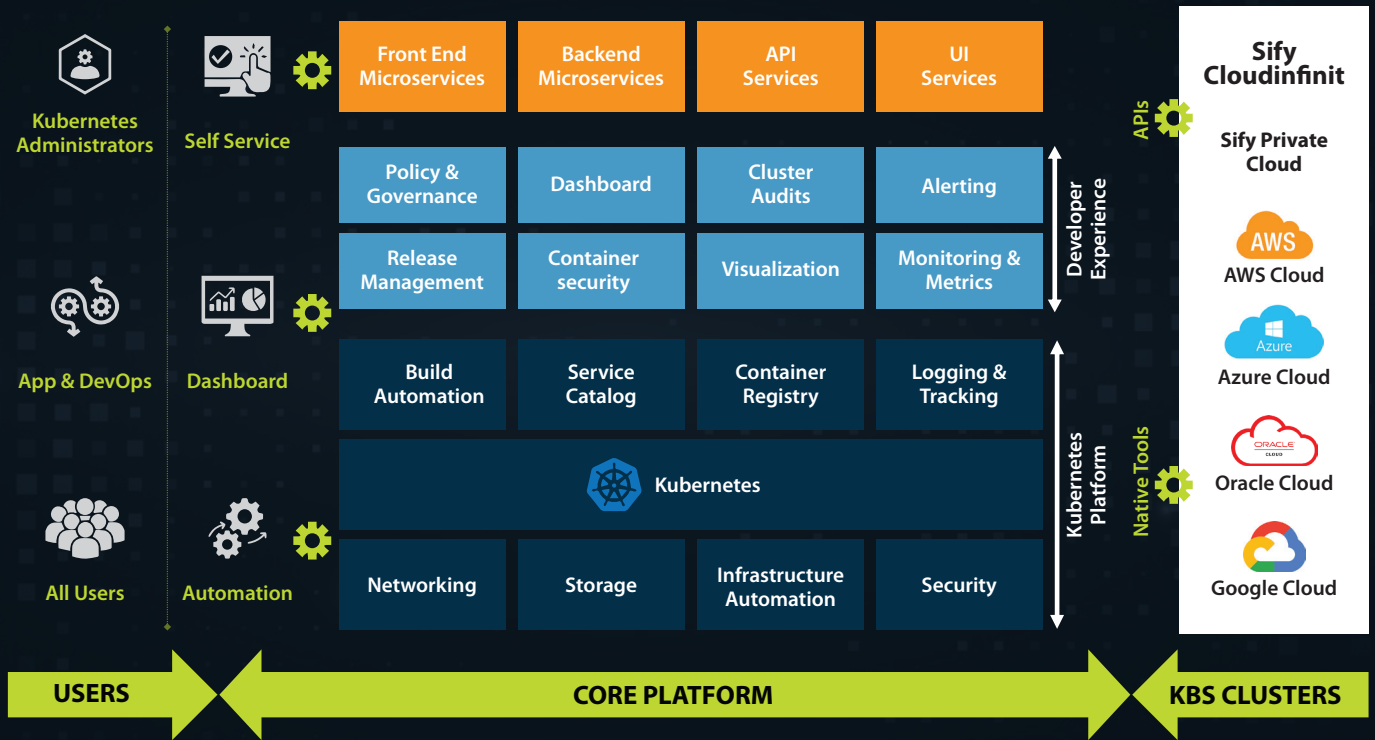**Disaster Recovery and Business Continuity**

Simplified provisioning, unified dashboard to orchestrate across different environments
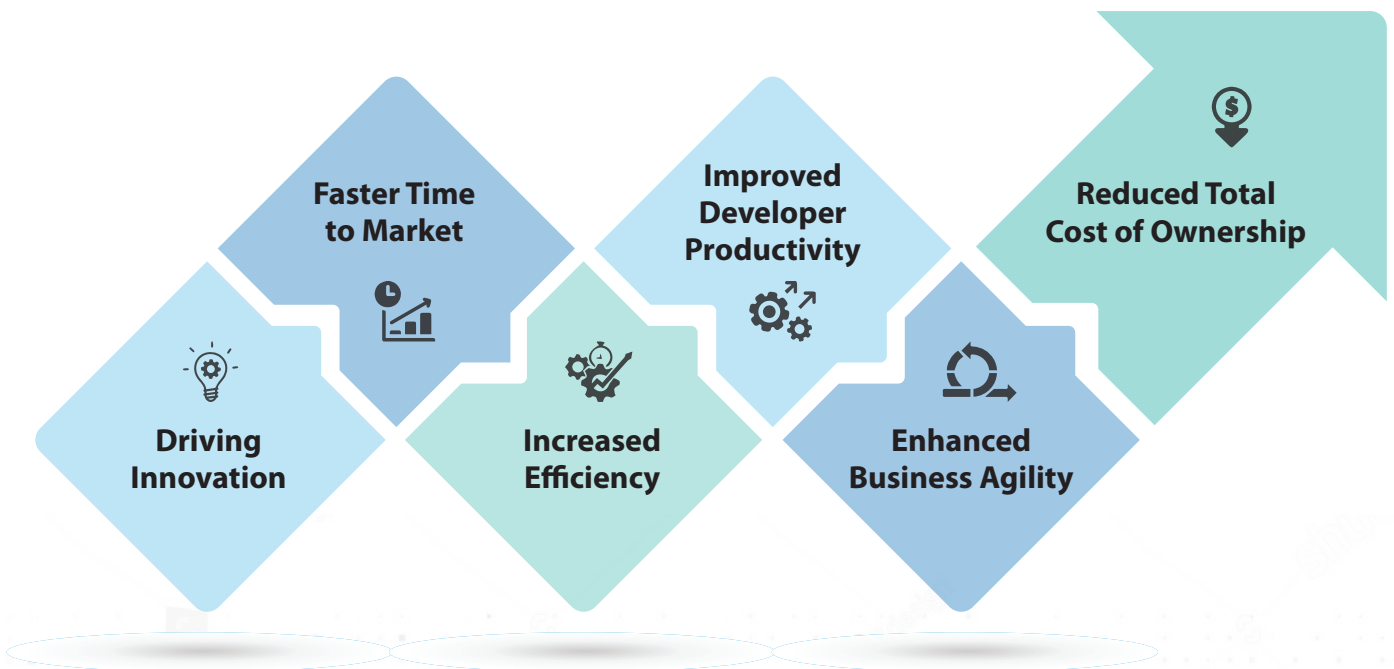
Application Catalog

Easily deploy predefined applications without needing in-depth knowledge of Kubernetes internals

The Kubernetes Landscape

USERS		CORE PLATFORM				KBS CLUSTERS

Kubernetes Administrators — Self Service

App & DevOps — Dashboard

All Users — Automation

Core Platform

Front End Microservices	Backend Microservices	API Services	UI Services
Policy & Governance	Dashboard	Cluster Audits	Alerting
Release Management	Container security	Visualization	Monitoring & Metrics
Build Automation	Service Catalog	Container Registry	Logging & Tracking

Kubernetes

Networking	Storage	Infrastructure Automation	Security

Developer Experience

Kubernetes Platform Native Tools

APIs

Sify Cloudinfinit

- Sify Private Cloud
- AWS Cloud
- Azure Cloud
- Oracle Cloud
- Google Cloud

Benefits of Cloud Infinit Kubernetes Service

- Driving Innovation
- Faster Time to Market
- Increased Efficiency
- Improved Developer Productivity
- Enhanced Business Agility
- Reduced Total Cost of Ownership

Why Choose Sify CloudInfinit Kubernetes as a Service

Proven expertise and experience in architecting & deploying cloud-native applications

Custom Kubernetes solutions to meet business specific requirements

End-to-end lifecycle management encompassing provisioning, scaling, patching & updating Kubernetes clusters

Cutting-edge Kubernetes features & best practices to keep you at forefront of the technological domain

Vendor neutral approach to leverage maximum benefits of multiple cloud providers without vendor lock-in

Outcome based service models enable industries to relate with their business

Accelerate your business growth by ensuring Agility, Efficiency, and Innovation with Sify CloudInfinit Kubernetes Service.

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