Edge Cloud and Application Lifecycle Management

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Application modernization is a multi-phased journey

1. Microservices Architecture & Containerization
2. Continuous Integration & Deployment
3. Infrastructure & Kubernetes Initialization
4. Kubernetes Cluster Customization
5. Application Lifecycle Management
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Automation gap
Containerized Application Journey

- Container Networking Interface
- Infrastructure Bring-up (on-prem + cloud)
- Container images in registry
- Kubernetes Bring-up (on-prem + cloud)
- Log Aggregation Infra
- Namespace Management
- Multi-Cluster Admin
- Metrics Aggregation Infra
- Ingress Controller
- Service Mesh Config
- Metrics Aggregation Infra
- Private Registry Integration
- Storage Provisioning
- Horizontal Pod Autoscaling
- Kubernetes Customization
- Application Upgrades
- Troubleshooting & Diagnostics
- Data Distribution & Sync
- Multi Cluster Deployment
- Containerized Application Journey
- App Blueprints
- Secrets Distribution
- App Ingress Config
- Global Load Balancing
- Metrics Aggregation Infra
- Multi-Cluster Deployment
- Data Distribution & Sync

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Simplifying App Lifecycle Management

**Application Abstraction**
Prescriptive application framework makes it easy to define and manage the lifecycle for containerized apps – from deployment to ongoing operations.

**Cluster Blueprinting**
Kubernetes cluster configuration & customization ensures reliable operations and efficient bring-up in any environment.

**Multi-Cluster Federation**
Container and metadata distribution pipelines make it easy to deploy and operate containerized apps across Kubernetes clusters, spread across multiple locations.

**Enterprise Integrations**
Easy integration with critical productivity technologies such as secrets management, runtime configuration updates, and log & metrics aggregation.
Rafay advantages

Kubernetes Abstraction
Business intent translated to underlying (YAML) config + central configuration management

Application Distribution
One-click operationalization to any number of clusters across any cloud or data center environment

Delivered As A Service
Multi-tenant, SaaS-based controller automates DevOps tasks so customers can focus on critical deliverables
Q&A