Case Study

Seamless AWS Onboarding: Unlocking OmniDeq & EKS Blueprints Integration

lorem

Overview

Qlorem, a Transformation Data Company based out of Norway, faced challenges in managing and deploying their product across different customer tenants and environments. Their existing approach using docker and custom scripts was time-consuming and lacked an integrated view for monitoring.

Seeking a more streamlined and sustainable solution, Qlorem partnered with CloudHedge to leverage the power of the eco-friendly OmniDeq platform integrated with AWS EKS Blueprints. The results were remarkable, with a significant reduction in operational costs and improved agility, all while minimizing their environmental impact.

Client Background

Qlorem is a Transformation Data Company fueling digital and sustainable change. Qlorem's unique transformation acceleration platform breaks down Strategic goals, Initiatives to Epics and is supported by a Dynamic Solutioning and Monitoring, Diagnostics and Prognostic Insights.

Key Challenges Faced

Qlorem team was using docker and docker-compose to provision/manage different environments and production. There was no integrated view to monitor different environments. Every deployment was done using a combination of custom scripts & manual deployment steps. That meant the team was spending significant time/effort in deployment of tenants. That meant management of environments was extremely difficult.

Qlorem was looking to move to Kubernetes while keeping the deployment simple & streamlined. Client has limited DevSecOps resources, so they didn't have/want to keep a team to develop/maintain custom scripts for Kubernetes deployments and various configurations. That meant investment/locking part of their team for DevSecOps automation instead of enhancing their platform capabilities.
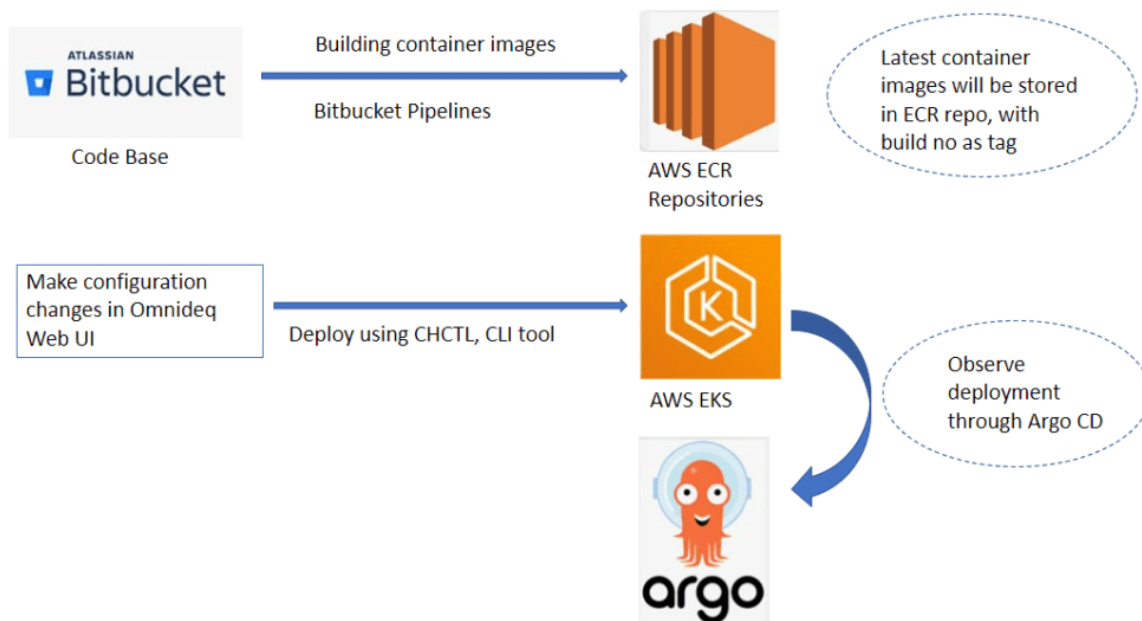
How CloudHedge added Value?

CloudHedge designed and implemented a solution using the OmniDeq platform, combining it with the capabilities of AWS EKS Blueprints. The solution provided the following benefits:

- Simplified and Sustainable Deployment Process:

- Utilized Qlorem' s standard EKS blueprint template to provision environments easily, reducing resource consumption and waste.
- Leveraged Application Blueprint versioning capabilities to deploy different product versions efficiently, optimizing resource usage and reducing carbon footprint.

2. Streamlined Environment Promotion:
   - Enabled seamless promotion of environments using ArgoCD/GitOps, ensuring consistency and flawless deployment of EKS clusters and Qloremplatform versions, leading to minimized errors and waste.

3. Enhanced Configuration Management:
   - Achieved end-to-end traceability of application and cluster configurations through the GIT repository, improving transparency and facilitating eco-friendly optimizations.

4. Extended Support and Flexibility:

Empowered Qlorem to operate and support environments and customers using third-party plugins, allowing for further customization and integration of sustainable technologies

Results Achieved

The integration of OmniDeq platform and EKS Blueprints brought significant benefits to Qlorem:

- Driving Efficiency

i. 70% operational cost savings: By efficiently deploying product versions across different customer tenants and environments, Qlorem achieved substantial cost reductions without compromising agility.

- Boosting Efficiency & Time-to-Market
  i. Improved efficiency and time-to-market: The streamlined deployment process and standardized templates enabled Qlorem to accelerate time-to-market for their transformation solutions.
- Streamlined Environment Management
  i. Simplified environment management: With an integrated view and traceability through the GIT repository, Qlorem gained better control over their environments, leading to improved operational efficiency.

Takeaways for Future Clients

- Achieve sustainability without sacrificing agility: By leveraging the eco-friendly OmniDeq platform and EKS Blueprints, future clients can streamline their deployment processes, realize significant operational cost savings, and contribute to a greener future.
- Accelerate sustainable innovations with standardized templates: Using standardized templates and versioning capabilities, clients can efficiently deploy product versions across multiple environments, reducing waste and speeding up their eco-friendly initiatives.
- Enhance transparency and environmental control: The integration of the GIT repository and OmniDeq platform offers end-to-end traceability, enabling clients to manage and monitor their environments more effectively, while also optimizing their sustainable practices.
- Embrace eco-friendly technologies and partnerships: Clients can expand the functionality of their deployments by leveraging third-party plugins and sustainable solutions, aligning their operations with environmental goals and industry best practices.

By partnering with CloudHedge and adopting the OmniDeq platform integrated with EKS Blueprints, future clients can streamline their AWS deployments, improve operational efficiency, and achieve significant cost savings while delivering their solutions faster to market.