Container Platform

What is it about?

The **Container Platform Starter Kit** allows for quick deployments of container-based architectures. This kit aims to serve as a starting point to show the functionality of containers within AWS. Depending on your requirements, demands and overall vision of the desired result, this starter kit will enable you to understand the corresponding decoupled architecture. Part of this is a mandatory discovery of your services in the cloud.

Why do i need this?

- I run a **monolithic** architecture
- I don't use **Infrastructure as Code** (IaC) to manage my cloud infrastructure
- I find it hard to **automate deployments** of new features
- I neither have **time nor resources** to implement my own containerized solution
- I am unsure if I should use a **managed or non-managed** container solution
- I find it hard to **scale horizontally**
- I am interested in Container technologies but not completely sure **where to start**
- I want to move my **decoupled architecture** into the cloud
- I am interested to see how **automatic service discovery** is managed in the cloud

What do i get?

- **Infrastructure as Code** ready automated deployment
- **Base templates** to implement different Container solutions (ECS, Fargate, EKS)
- Continuous and automated roll-out of changes via **Continuous Delivery/Deployment** pipeline
- Automatic **Service/Resource discovery** in AWS cloud
- **AWS best practices** for developing and managing container-based solutions
- **Knowledge transfer** to operate and extend your container platform solution

Solution Design and Overview:

Looking at the current state of the art, container-based platforms are the common "go to place" when you need to decouple your architecture. Each service within AWS provides managed container solutions.

We support the following solutions:

→ **AWS Elastic Container Service (ECS):** AWS version of "Docker as a Service". Integration with AWS CloudMap Service/Resource discovery service.

→ **AWS Elastic Kubernetes Service (EKS):** AWS version of "Kubernetes as a Service". Integration with AWS CloudMap Service/Resource discovery service.

→ **AWS Fargate:** AWS version of "The Container Manager". Integration with AWS CloudMap Service/Resource discovery service.

At what price and what is the value?

This package contains the following items to provide significant added value:

• Setup and implementation of container solution platform of your choice
• Boosting your base architecture to up and running in few days' time
• Integration and configuration of additional services and components
• Knowledge transfer for operation and further extension of your container platform solution

Pricing:
→ On request