Managed Kubernetes **as a Service**

Achieve your digital transformation
and facilitate innovation
with Kubernetes as a Service

ebrc

KaaS (Kubernetes as a Service) eliminates the complexity of deploying and supporting your Kubernetes cluster.

POST Group manages for you the underlying Kubernetes system services, allowing to concentrate your resources on the value-creating activities for your business.

Our **solution**

Kubernetes as a Service is a **managed** Kubernetes infrastructure provided in a **hybrid** cloud architecture, with **on-premise** workload and control infrastructure in Luxembourgish Tier IV Data Centre. Based on CNCF certified Kubernetes distribution, this DevOps platform provides open the way to agile and secure deployments.

Our **vision**

Containerised architectures coupled to hybrid cloud deployment models allow to develop applications with unseen degrees of scalability. POST Group goals is to provides a way to bring yours developments into this new world while taking care of the complexity, the security and the cost efficiency aspects.

Why KaaS supports **your business needs?**

Multi-Cloud Portability (On-prem, Azure, AWS)

With our fully managed Kubernetes service, you'll get improved application portability across clouds and internal environments, allowing you to focus on building and launching applications, while providing greater **flexibility** and **speed to market**. KaaS is **cloud agnostic** and use distributed workload across public clouds to benefit from both.

Security & Compliance

POST Group Cloud Native Agile & DevOps Platform secures your deployments on premise, private and public clouds.

Reduced Costs

Save money and time with POST Kubernetes-as-a-Service versus operating it yourself. You'll have tools to better predict and control costs, including consuming the service in an **OPEX model**.

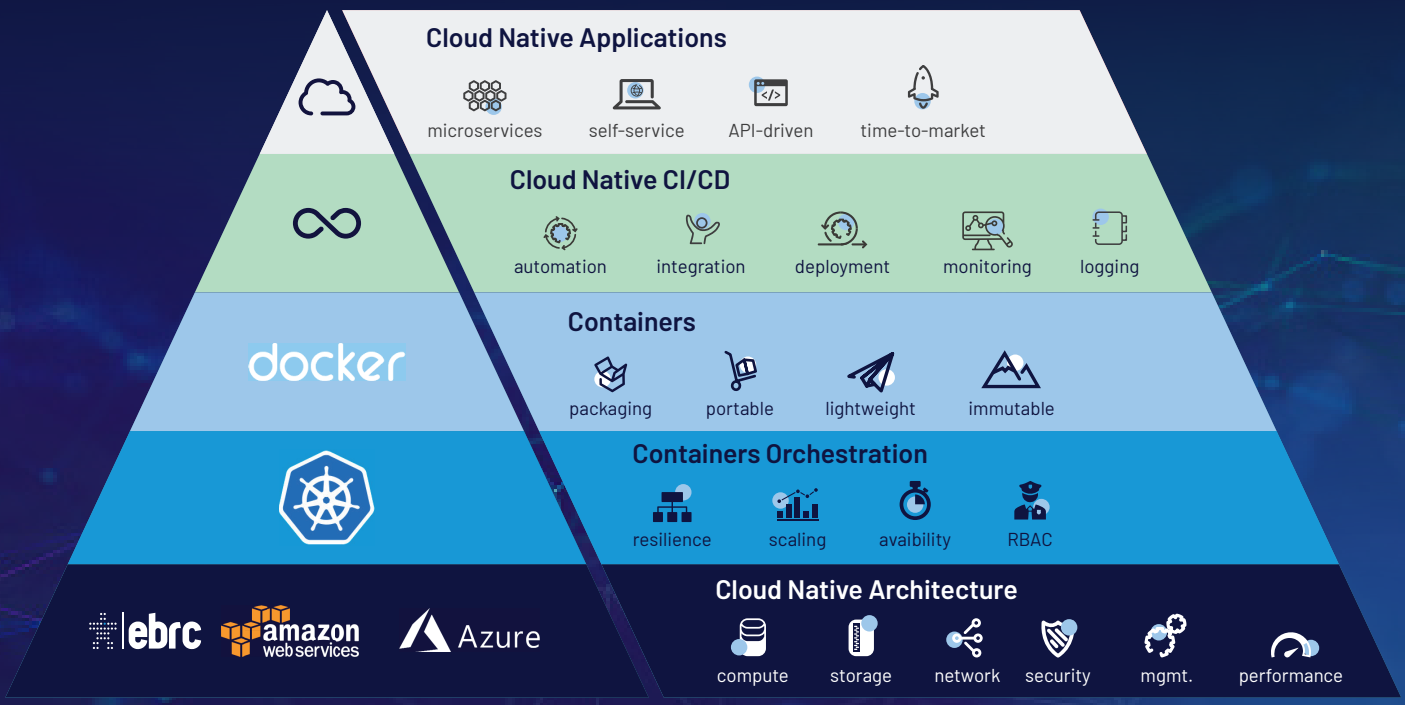
Focus on Core Business

POST Group can help create a successful transformation to container-based workloads. By eliminating the complexity of managing and operating Kubernetes and working nodes, your IT staff and resources are concentrating on the value-creating activities.

Market require now application available on 24/24, without any maintenance windows. In the same time, business requires more agility to reach the objectives. It requires a high availability platform with an Enterprise Class SLA:

24/7 support

99,9% SLA



Key **Advantages**

Steered Managed Services

We install, operate and manage your highly available Kubernetes deployment, complete with best practice guidance on using Kubernetes features such as automatic container scheduling, horizontal scaling, self-healing and more.

Day to day Operations

We manage daily operations for you — including updates, zero-downtime upgrades, patching and security hardening for Kubernetes, all managed cluster services and the node operating system.

Provided Features

Configure and operate the logging, metrics, monitoring and image registry applications accompanying the Kubernetes cluster to get your applications up and running.

Enterprise-Grade Security

Tier IV Luxemburgish Data Centres house local processing in line with finance and health sector requirements.
Secure technology stack, from the infrastructure layer to the cluster, including additional services required to run securely yours applications.

Superior Economics Flexibility

Reduce your costs over operating Kubernetes yourself, with options to help you better predict and control costs.
Our Cloud Native technology stack generates licensing and hardware costs savings and **avoid vendor lock-in** (CNCF certified). Choice of CAPEX or OPEX mode in on-prem and/or public clouds.

Cloud Native Services Catalog

Availability of cloud native services to deploy in a fast and secure way essentials components like SecOps (to secure your CI/CD), DevOps (Cloud Native GitOps), DBaaS, and more.

In **practice**

A Kubernetes cluster consists of compute hosts that are called worker nodes. They are managed by a Kubernetes master that centrally controls and monitors all Kubernetes resources in the cluster.

KaaS subscription model is based on two main components:

- Cluster of Master Node: 3 high available nodes
- Worker node: small, medium, or large

ebrc

www.ebrc.com