



Axians KaaS

Kubernetes
containers
without
the hassle



THE FUTURE IS hybrid

Why containers?

The future is hybrid. What we mean with that is that you won't be running all your workload from one cloud and workload will move between clouds. Putting your workload in containers makes it easy to move and scale these workloads between the different private and public clouds. You decide where your workload runs and adds the most value.



Why Kubernetes?

When your number of containers start to grow, orchestration and coordination is needed to make sure everything is running stable and secure and keeps performing. Containers share the memory, CPU and storage of their host, so their use should be coordinated to make sure containers are running in isolation. This is where Kubernetes comes into the picture: a container orchestration platform that makes sure containers run secure and in isolation.

CONTAINERS NEED

orchestration





Why is running Kubernetes hard?

There's no such thing as "the Kubernetes platform". Depending on your hardware environment and requirements many plugins must be chosen and installed. It is hard to make sure the combination of hardware and plugins keeps running, especially after updates. This is why vendors can do this for you. We have chosen the most enterprise ready Kubernetes distribution there is: Red Hat OpenShift.

RUNNING KUBERNETES
REQUIRES A LOT OF

expertise

Why OpenShift as a Service?

Even with a distribution like Red Hat OpenShift it still take a lot of expertise, resources and time to install, run and maintain a OpenShift Kubernetes platform. That's why we have chosen for Azure Red Hat OpenShift (ARO), the OpenShift as a Service proposition running on Azure and managed by Microsoft and Red Hat together. Now you can have your managed OpenShift Kubernetes cluster running in hours instead of weeks.

DO IT ON YOUR OWN OR

OpenShift as a Service



WHY YOU STILL
NEED

additional services

Why Axians KaaS?

There are a lot of things that ARO doesn't manage, for example secure integration with on-premises resources, logging and monitoring of application workloads, integration with your user directory, additional storage and CI/CD. This is what Axians KaaS delivers on top of ARO to create a true Kubernetes as a Service experience: you deliver the containers, we will manage them.



What can we do for you?

CREATE SECURE ON-PREMISES CONNECTION



We make sure that your on-premises resources can connect with OpenShift in a stable and secure manner. The same is true for resources in other clouds.

CONFIGURE LOGGING, MONITORING AND ALERTING



Default ARO has no logging and monitoring for user workloads. We can configure install and configure user workload logging en monitoring using Loki, Prometheus and Grafana or Azure Monitoring.

ACTIVE DIRECTORY INTEGRATION



We connect ARO to your existing user directory.

CI /CD



Implement continuous integration and deployment for software development and container deployment.

PLATFORM & USER WORKLOAD MONITORING



We can monitor the health of the OpenShift platform and any workloads running on it for you.

PLATFORM UPDATES & UPGRADES



We can perform platform updates and upgrades.

axians

The best
of ICT with
a human
touch

VINCI
ENERGIES

The logo for Vinci Energies, featuring the word "VINCI" in a bold, sans-serif font above the word "ENERGIES" in a smaller, all-caps sans-serif font. To the right of the text is a stylized icon consisting of four white squares arranged in a 2x2 grid, with the top-right square being a circle.