

AWS | KUBERNETES EVERYWHERE

Seamlessly manage Kubernetes across various cloud environments.

Continent 8 can design, deploy, migrate and manage solutions for customers across hybrid and multi-cloud environments.



Why Kubernetes Everywhere?

- Customers seek a seamless solution for managing workloads between hyperscale clouds and Continent 8's cloud infrastructure. This demand stems from regulatory requirements and cost considerations.
- Operating solely within one space isn't always feasible, leading to rising operational costs associated with managing multiple toolsets and cloud environments.
- Adopting a consistent approach to Kubernetes deployments across various environments drastically reduces the engineering effort required for effective infrastructure management.

Amazon EKS Hybrid Nodes (EKS-H)

Continent 8, with its global network of over 100 data centres, simplifies Amazon EKS-H integration by allowing customers to extend their EKS clusters to on-premises infrastructure, ensuring regulatory compliance with minimal operational complexity.

The EKS-H solution on Continent 8's infrastructure provides:

- Regulatory compliance through strategic workload placement.
- A consistent Kubernetes experience across both cloud and on-premises environments.
- Streamlined operations with AWS-managed control plane.
- High-performance infrastructure purpose-built for latency-sensitive gaming workloads.
- Secure, reliable AWS connectivity via Continent 8's private networking to AWS regions.
- Flexible deployment options, including Continent 8 bare metal, VMware or Nutanix environments.



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Games Global, content provider to iGaming operators, explains how the EKS-H solution addresses key industry challenges:

"Online gambling companies not only have to protect customer data and ensure security like everyone else, but they also face tough regulations from gaming authorities worldwide. These rules often dictate where we can host our gaming systems, which can limit or even rule out using public cloud services in some markets. EKS Hybrid Nodes let us meet these requirements by hosting workloads where needed while still taking advantage of AWS EKS's easy management. Partnering with experts like Continent 8, who really know our industry inside and out, makes this option even more appealing."

Matthew Harris | Principal Architect | Games Global



Why Continent 8?

Continent 8's cloud infrastructure

Our cloud infrastructure offers secure, low-latency, resilient connectivity, providing customers with the required backbone for transferring workloads to and from hyperscale clouds and the Continent 8 edge or private cloud infrastructure.

AWS SPP member

As a member of the exclusive AWS Solution Provider Program (SPP), we provide a full range of professional services to streamline the management of AWS cloud environments and infrastructures.

AWS-specialised

A dedicated team of 30+ AWS-certified and AWS-trained experts are available to deliver and support high-touch AWS solutions tailored to each customer's unique requirements.

