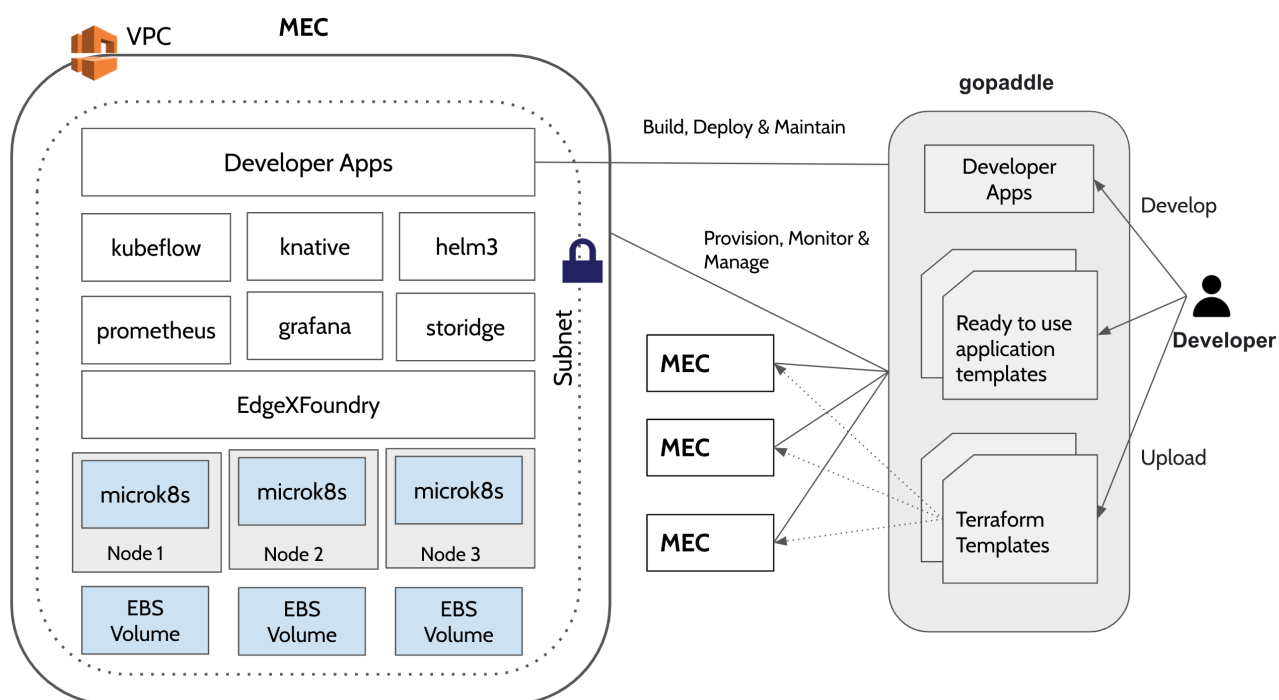


Akraino Light Weight MEC on AWS

The purpose of this release is to automate the provisioning of ultra low latency light weight MEC (MEC) environment on AWS cloud and centrally manage multiple MECs from a single dashboard. MEC run on low foot print hardware and can cater to mission critical workloads. It takes an opinionated approach to spinning up an environment with pre-built configuration that are ready to use. It is cost effective compared to a fully configurable MEC environment as the and can be setup quickly.



The blueprint consists of microk8s as the light weight Kubernetes distribution. Microk8s' zero-ops capability offers all the Kubernetes networking and storage configurations out of the box with built-in add ons for serverless (knative) and machine learning workloads (kubeflow) etc. Terraform is used to automate the installation and configuration of a multi-node microk8s cluster on AWS VPC.

For a full reference of the architecture, refer to [IEC Type 2 Release 5 Architecture](#).