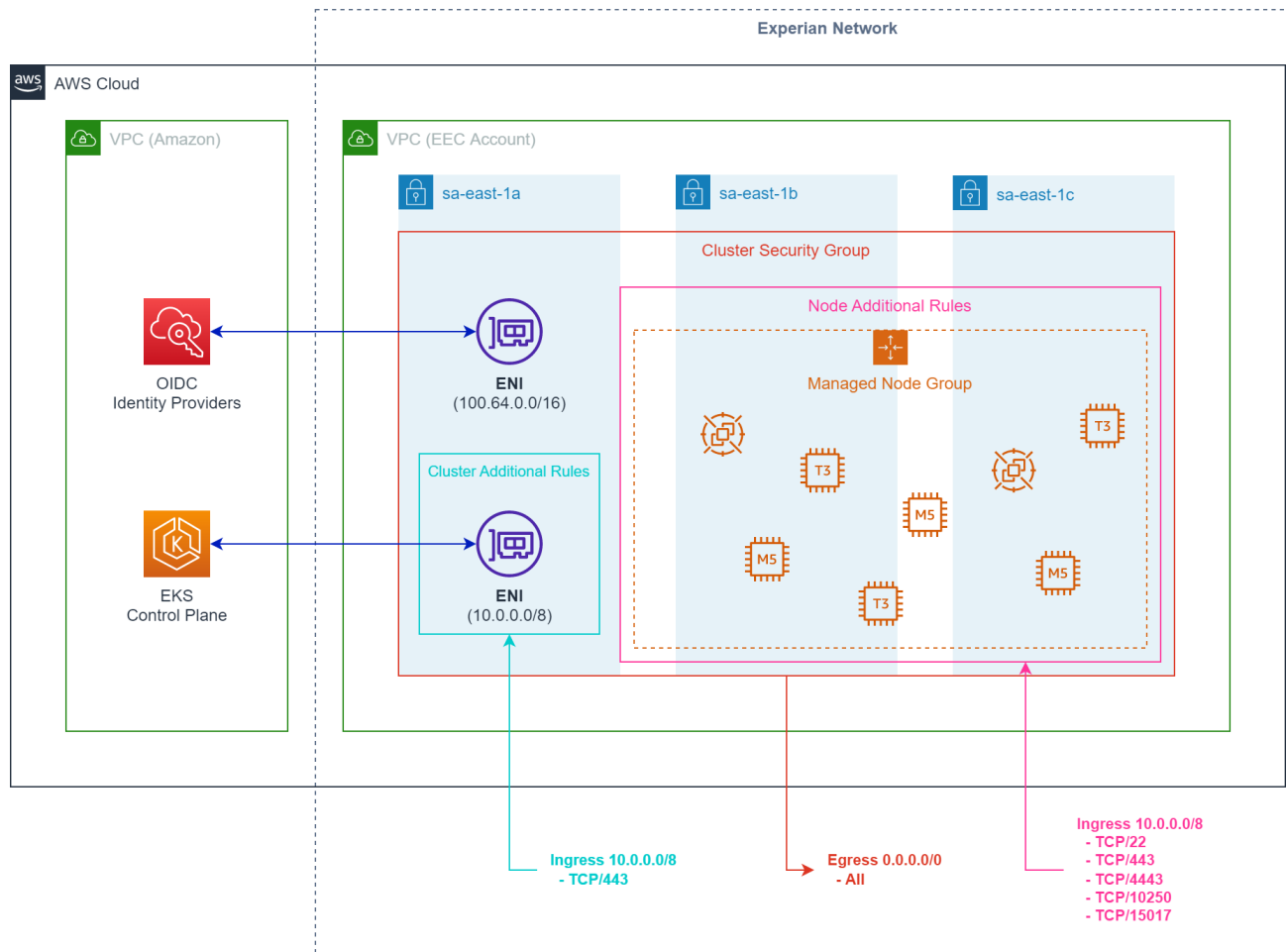# Architecture

EKS Overview

Architecture

EKS on EEC AWS

Using the already provided networking infrastructure minimized the need for ARBs, tickets and overall dependencies with the Cloud Engineering Team.

EKS

These are the stack we deploy within Kubernetes through our Service Catalog automation:

- Metrics Server
- Cluster Autoscaler
- Istio Service Mesh
- External DNS
- Apigee Edge Micro
- Flagger Canary
- Kiali
- Kubecost
- Prometheus Stack

AWS Cloud

${app_name}.env-bu.br.experian.eeca

Istio Load Balancer

Auto Scaling Groups

EKS

istio-system

istio-ingress-svc   istio-ingress   istiod

Flagger   Jaeger   Kiali

kube-system

apigee-edgemicro   cluster-autoscaler   external-dns

metrics-server   aws-cni-patch

monitoring-system

Grafana   Prometheus   Node Exporter

Promtail   Loki   KSM   Kubecost   Alert Manager

se-${id}-${cluster-name}-${env}-metrics-logs