

VCF 9 - Declarative Cloud Consumption

Partner Week of Enablement - Clearwater

Outcomes

How does the technology drive business outcomes?

Scalability

Flexibility

Resiliency

Abstraction

Declarative API

Automation

Self-Service

These enhancements and innovations are how the technology drives the outcomes associated with the cloud, but **CONSUMPTION** of the services are the engine



Building a (Modern) Cloud Consumption Experience

Hyperscalers expose
cloud via APIs

Consumption paths: K8s, Terraform,
PaaS

Workloads span pods, VMs,
serverless

GitOps, supply chains
enable automation

Underlying cloud remains opaque

Terraform

Kubernetes

Catalog

GitOps

Pods

VMs

PaaS



Meeting the customer where they are



Building a (Modern) Cloud Consumption Experience

VCF strives to mirror hyperscaler consumption paths

Not just VKS, full set of modern options

Our cloud is transparent for our customers

Key drivers: Supervisor & VCFA

Terraform

Kubernetes

Catalog

GitOps

VKS

VM Service

Tanzu Platform

VCFA

Supervisor

APP

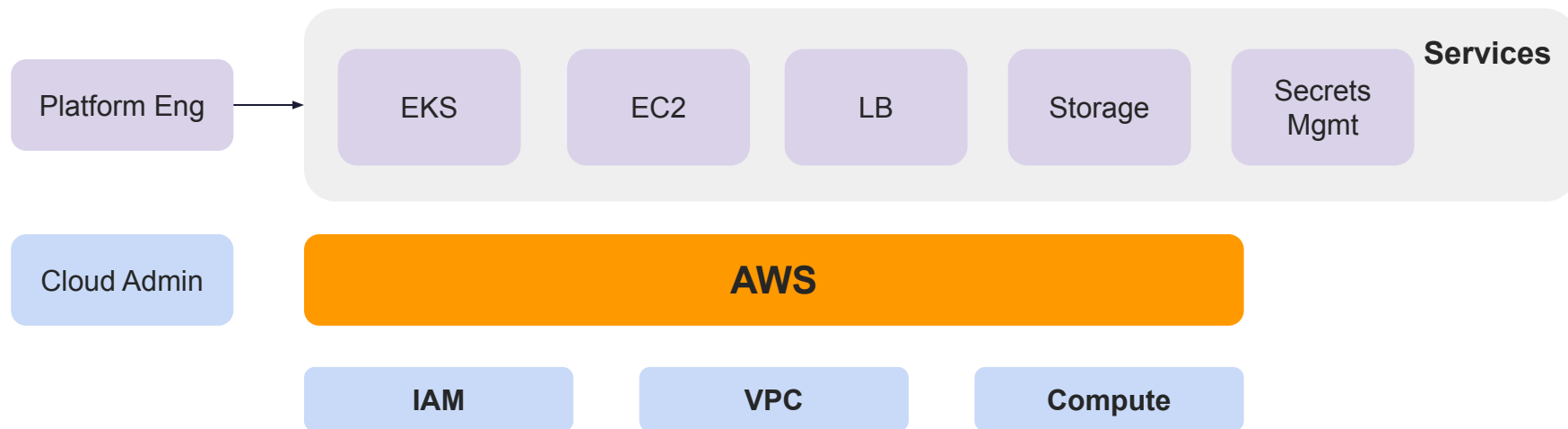
APP

Meeting the customer where they are

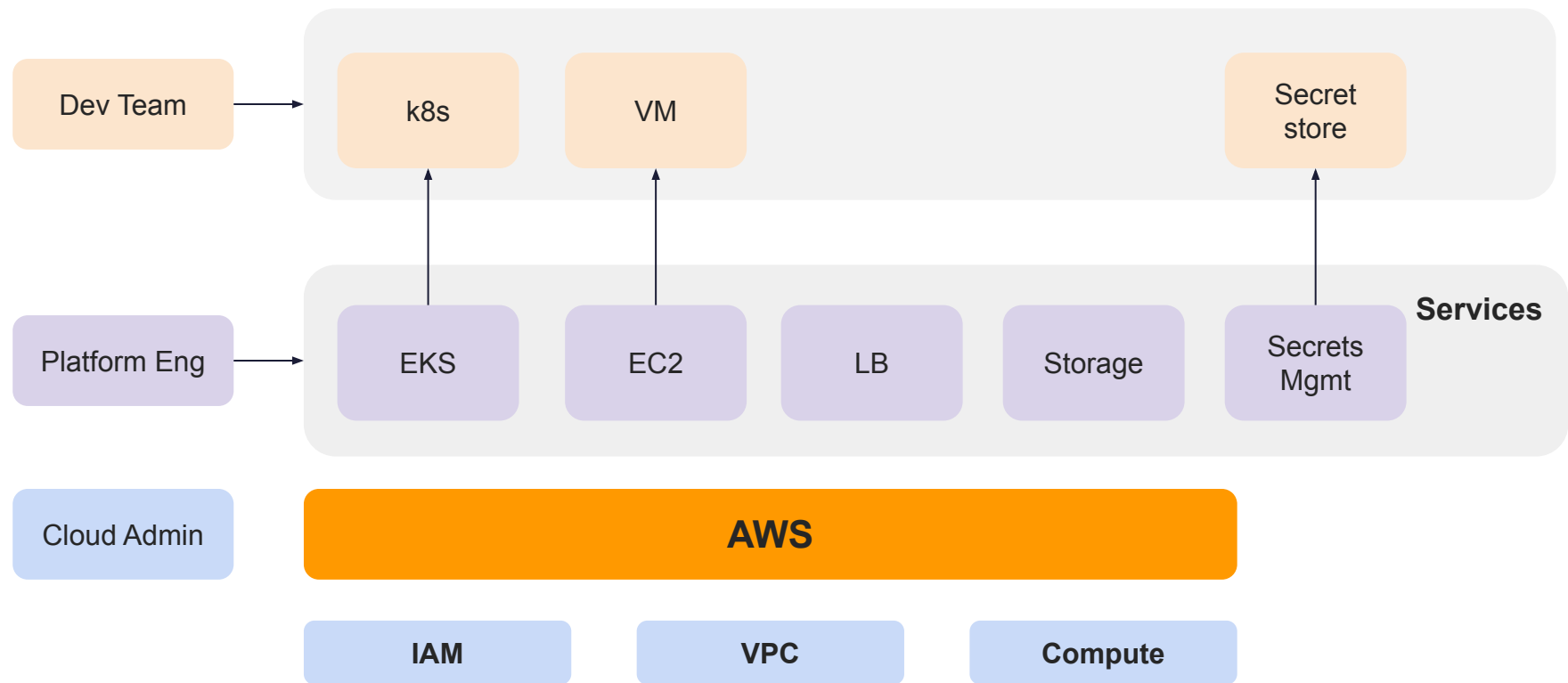
Public Cloud Consumption



Public Cloud Consumption



Public Cloud Consumption



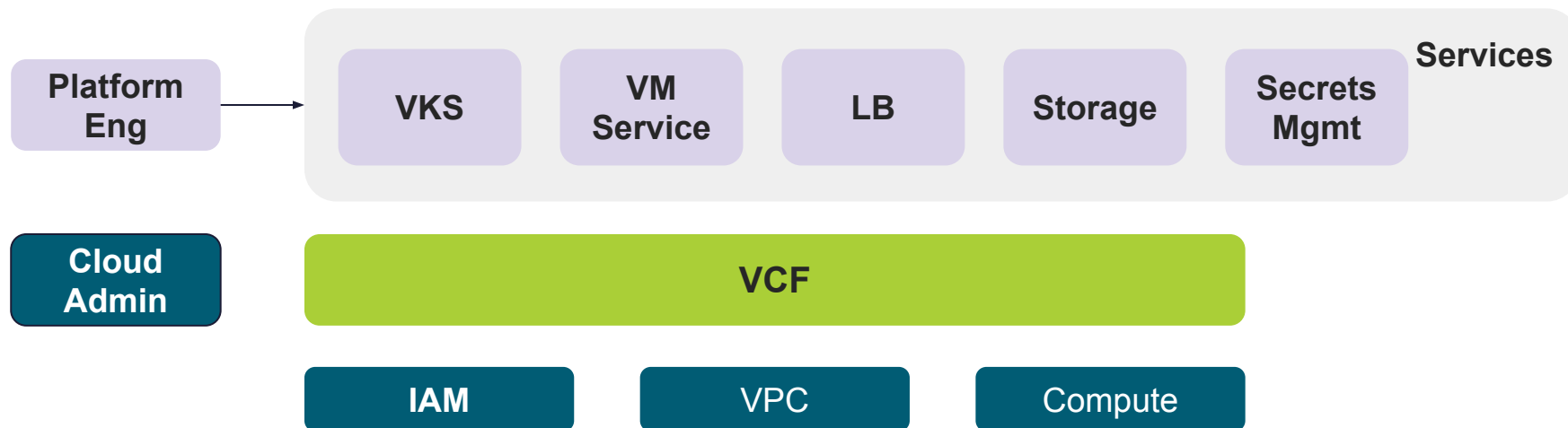
VMware Cloud Foundation

Putting the Cloud Back in VCF



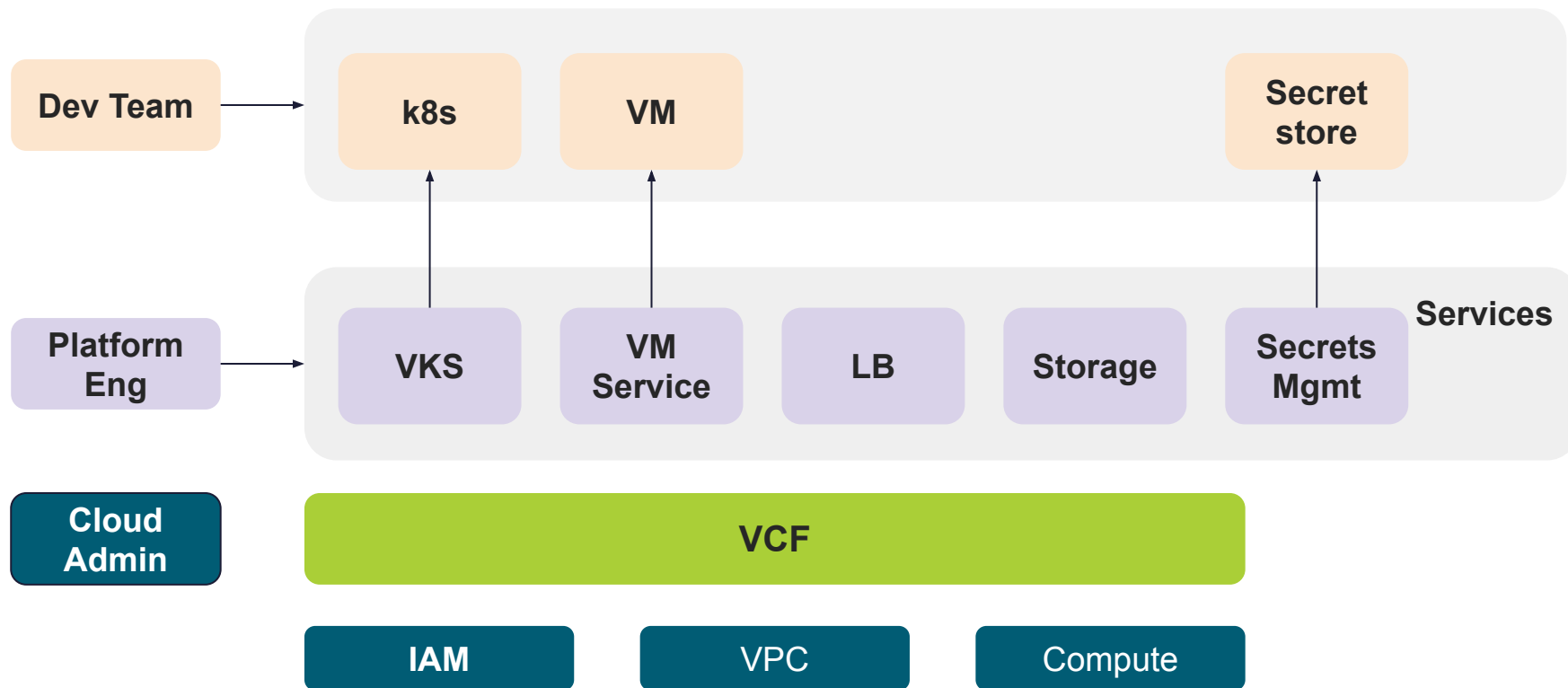
VMware Cloud Foundation

Putting the Cloud Back in VCF



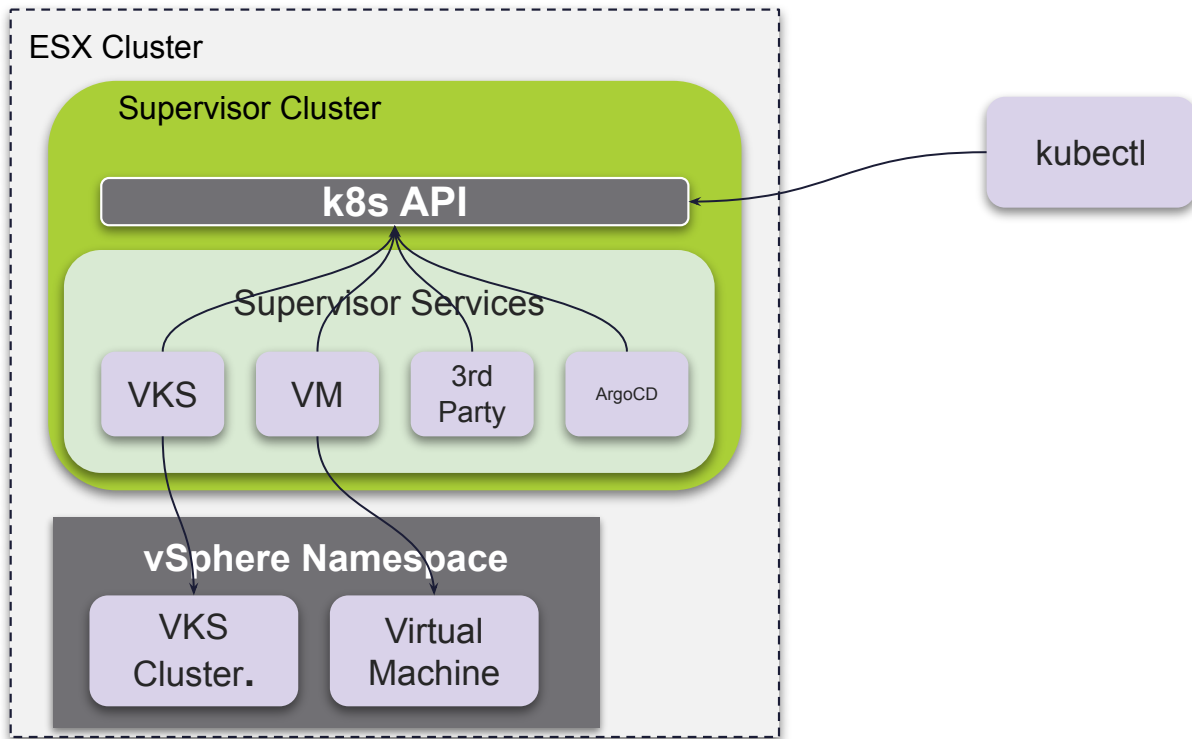
VMware Cloud Foundation

Putting the Cloud Back in VCF



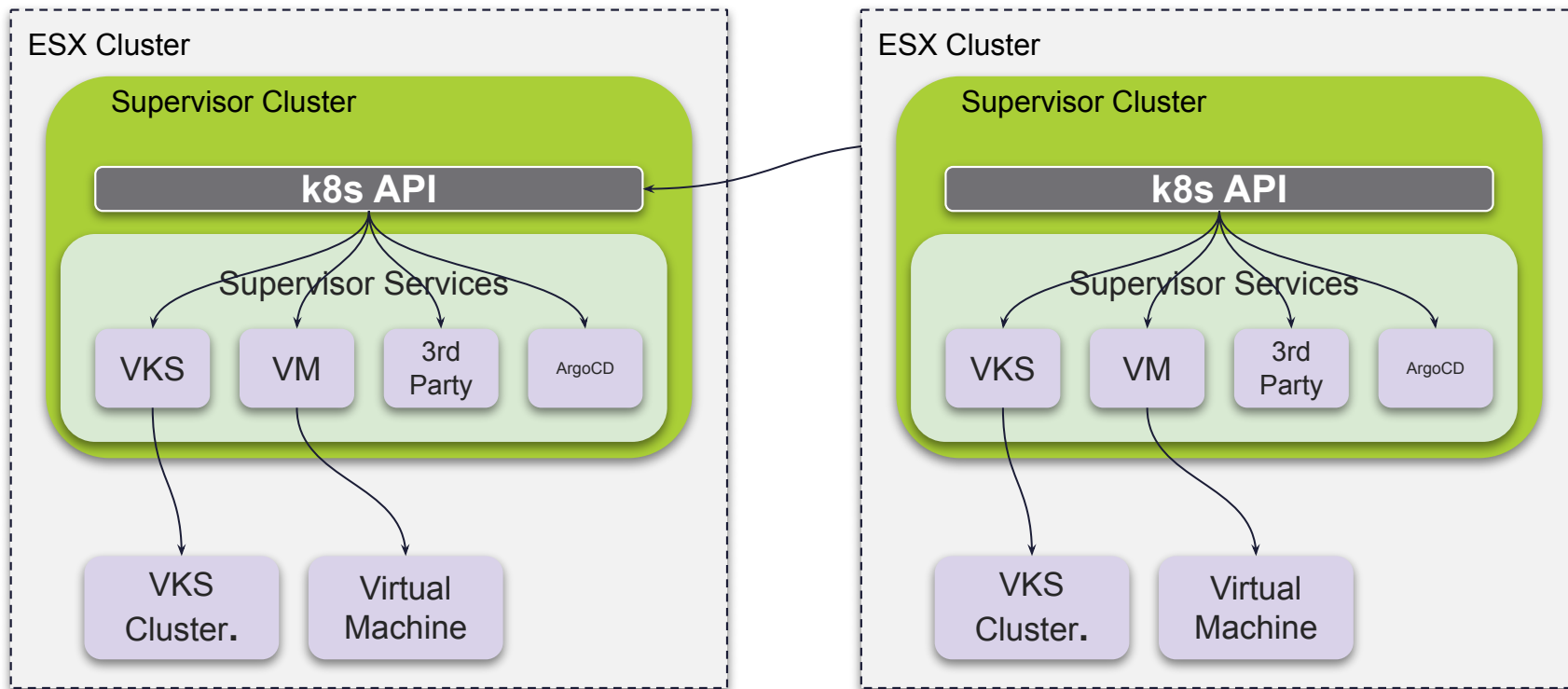
Extensible API platform - Reconciliation Engine

Automation Endpoint



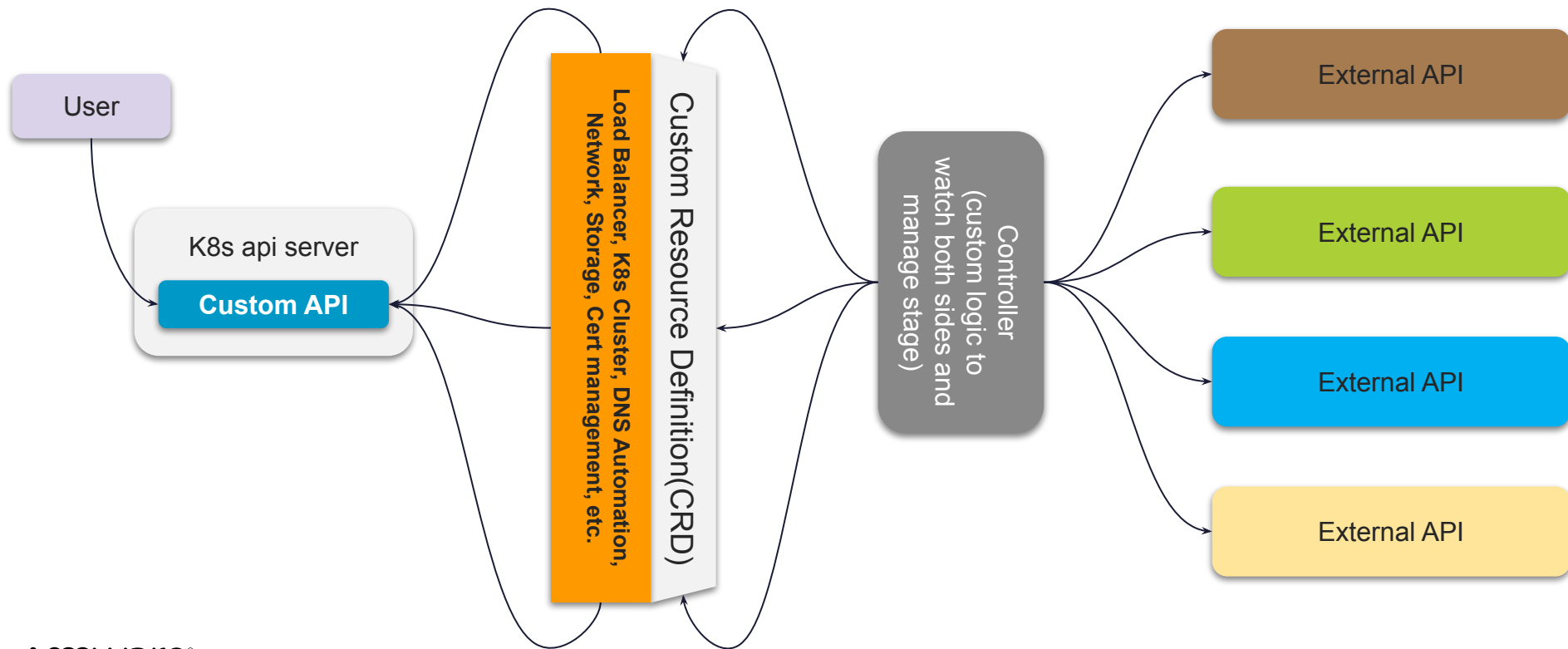
The Reconciliation Engine - Extensible API Engine

Automation Endpoint

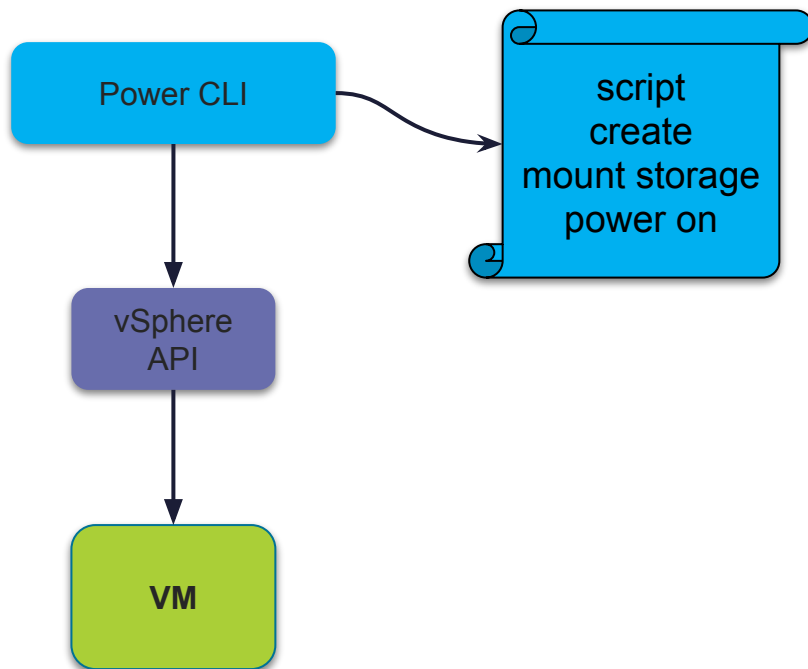


VMware Cloud Foundation - Cloud Consumption

Consumer Platforms

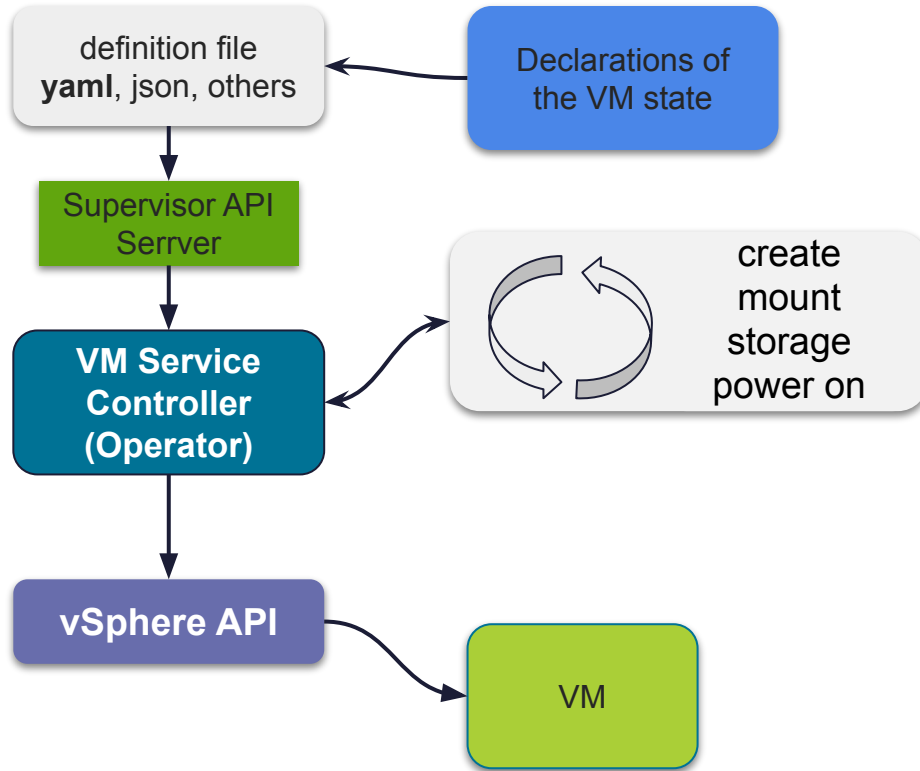


Declarative vs Imperative



- The Imperative Model
- Imperative programming focuses on how to achieve a result by specifying step-by-step instructions.

Declarative vs Imperative



- The Declarative Model
- Declarative programming focuses on what the end result should be, leaving the implementation details to the system

The Reconciliation Engine - Extensible API Engine

Automation Endpoint

