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WIR BEWEGEN IT.

vmware[®]

Ab in die Zukunft

Neue Chancen mit Abo-
Lizenzierung von VMware

14.09.2023

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VMware vSphere+™

Delivering Benefits of the Cloud to On-premises Workloads



Supercharge Productivity with Admin Services

Enhance operational efficiency through a central Cloud Console



Accelerate Innovation with DevOps Services

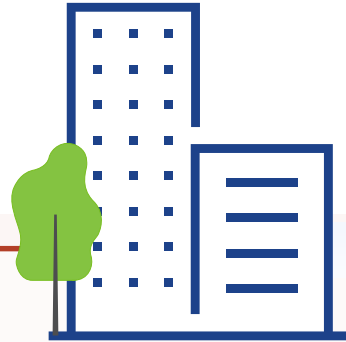
Transform existing virtual infrastructure into an enterprise-ready Kubernetes platform



Transform On-Premises Infrastructure with Cloud Integration

Quickly upgrade to cloud benefits for on-prem workloads, without disruption

Existing vSphere Environment



Traditional Applications



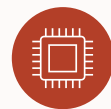
Modern Applications



AI/ML/HPC Applications



Real-time Applications



Bare-metal Workloads



Compute & Memory Intensive apps



VMware vCenter®



VMware ESXi™

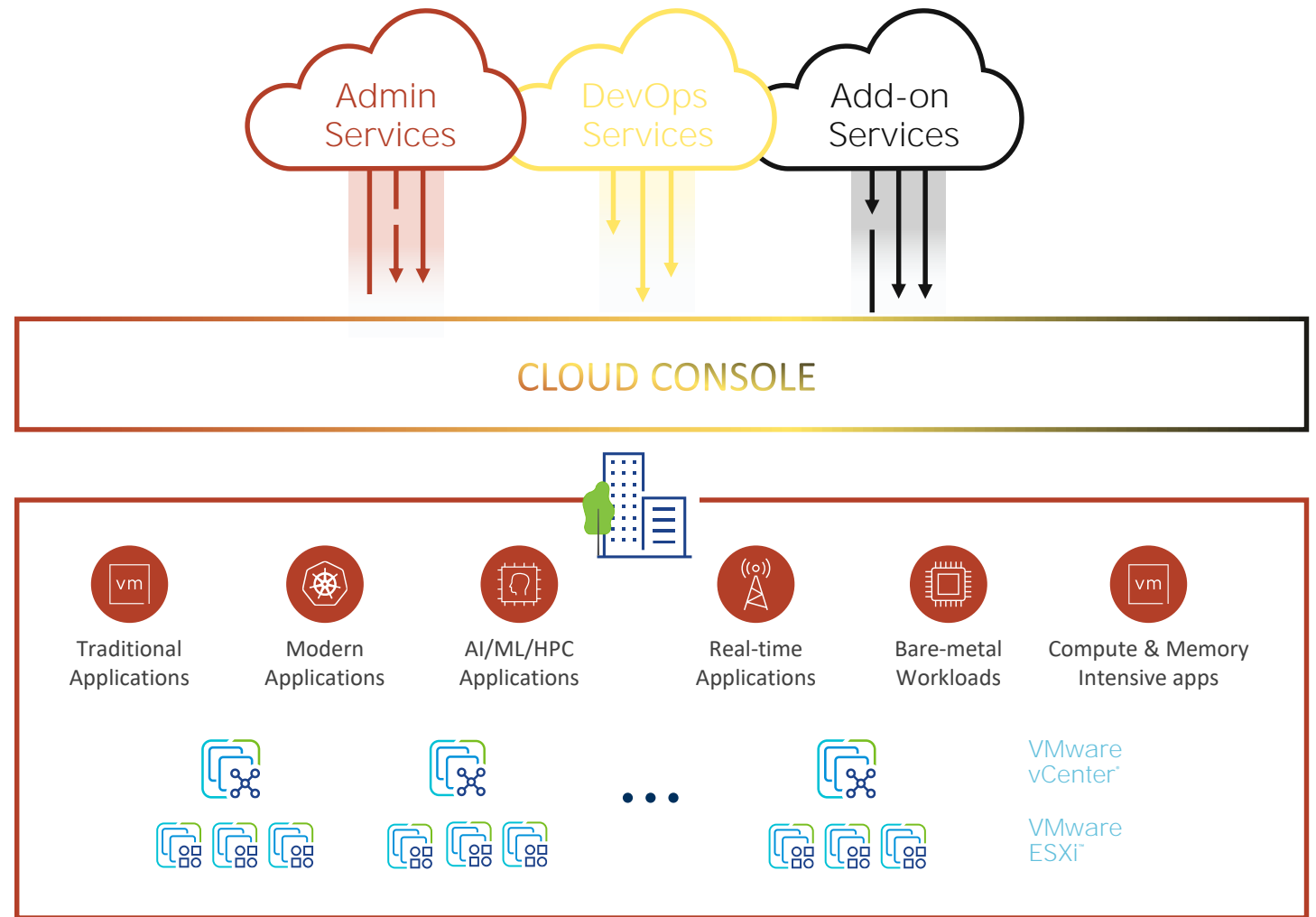
vSphere+ Delivers Benefits of the Cloud to On-Premises Workloads

 High-Value Cloud Services

 Centralized Management

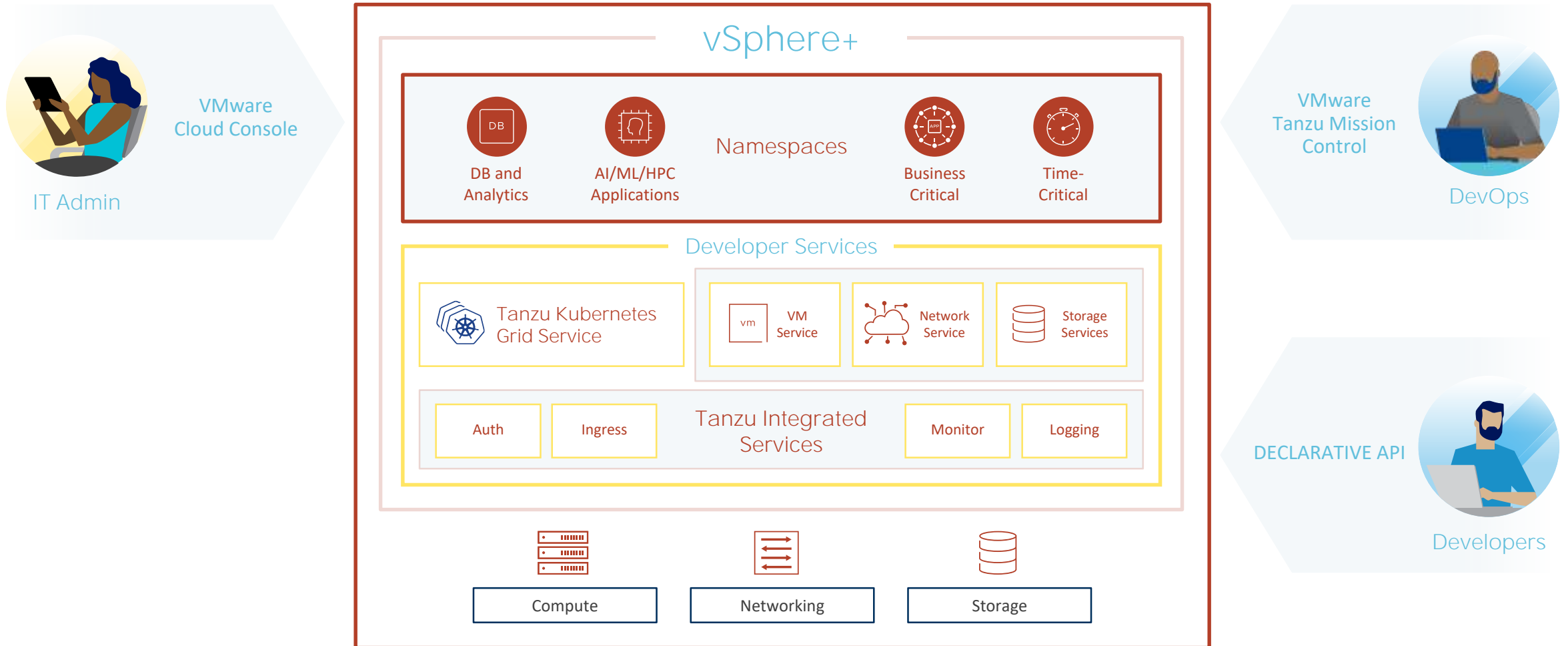
 For All Workloads

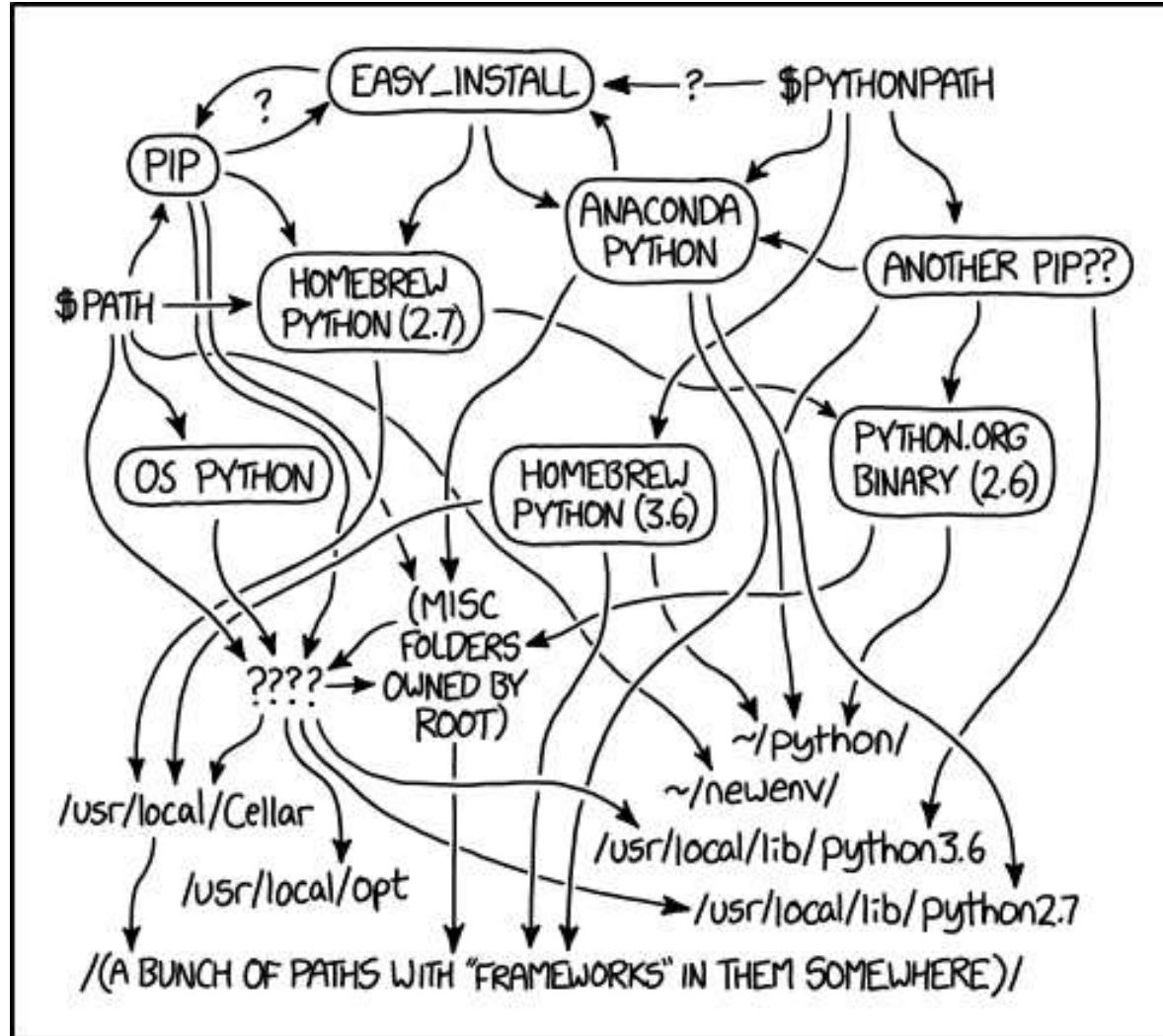
 Running On-Premises



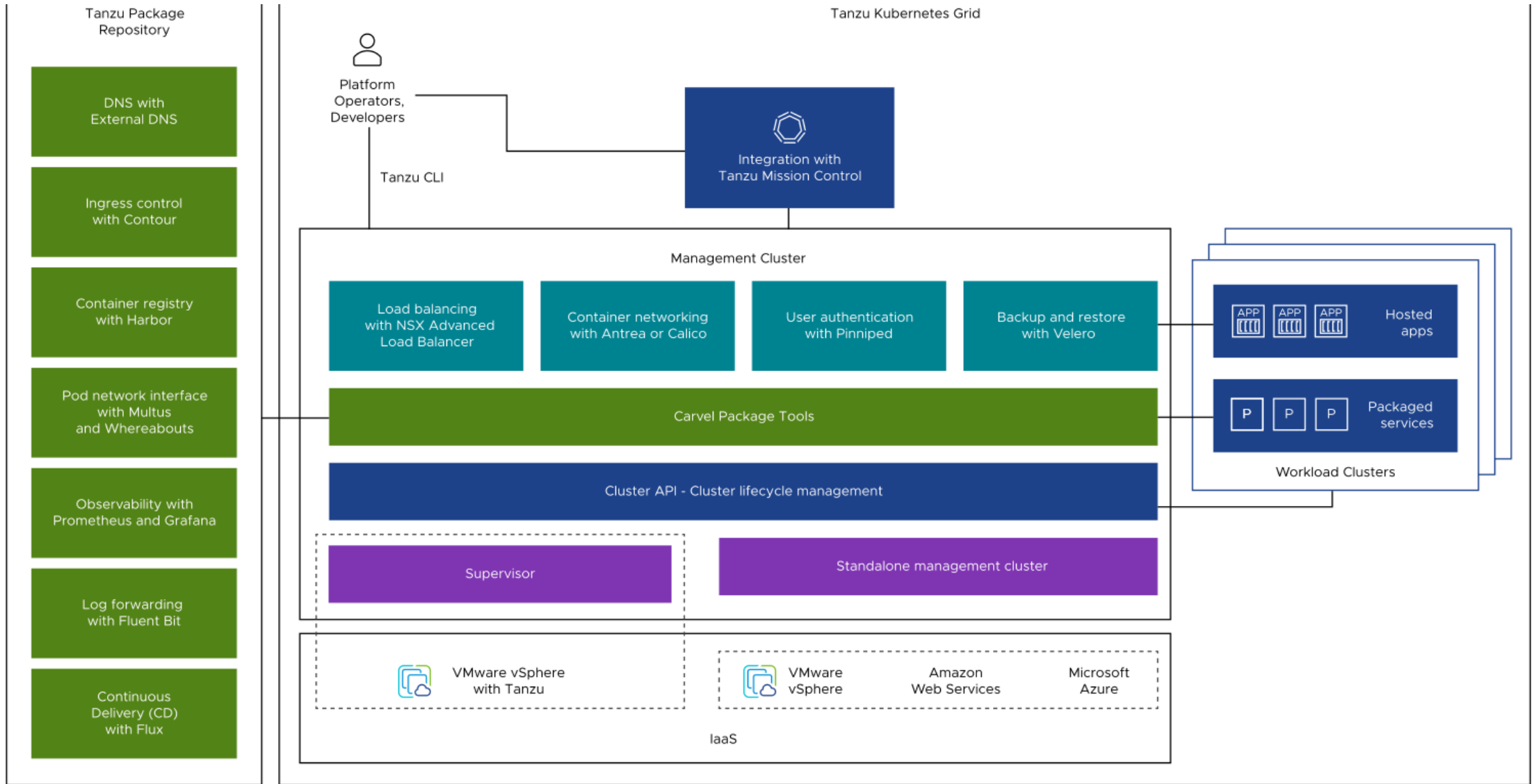
vSphere+ with DevOps Services

The fastest way to get started with Kubernetes





MY PYTHON ENVIRONMENT HAS BECOME SO DEGRADED THAT MY LAPTOP HAS BEEN DECLARED A SUPERFUND SITE.





Containers at Scale

App Definition and Development

Database | **Streaming & Messaging** | **Application Definition & Image Build** | **Continuous Integration & Delivery**

Database: KV, Vitess, Cockroach Labs, Couchbase, etc.
 Streaming & Messaging: cloudevents, NATS, etc.
 Application Definition & Image Build: HELM, Backstage, Buildpacks.io, KubeVela, KubeVirt, etc.
 Continuous Integration & Delivery: argo, flux, keptn, OpenKruise, etc.

Orchestration & Management

Scheduling & Orchestration | **Coordination & Service Discovery** | **Remote Procedure Call** | **Service Proxy** | **API Gateway** | **Service Mesh**

Scheduling & Orchestration: kubernetes, Cronplane, etc.
 Coordination & Service Discovery: CoreDNS, etcd, etc.
 Remote Procedure Call: gRPC, etc.
 Service Proxy: envoy, etc.
 API Gateway: AWS API Gateway, etc.
 Service Mesh: Istio, Linkerd, etc.

Runtime

Cloud Native Storage | **Container Runtime** | **Cloud Native Network**

Cloud Native Storage: Rook, CubeFS, Longhorn, etc.
 Container Runtime: cri-o, Lima, etc.
 Cloud Native Network: Cilium, CNI, etc.

Automation & Configuration | **Container Registry** | **Security & Compliance** | **Key Management**

Automation & Configuration: Ansible, etc.
 Container Registry: Docker Registry, etc.
 Security & Compliance: OpenSCAP, etc.
 Key Management: HashiCorp Vault, etc.

Platform

Certified Kubernetes - Distribution

Certified Kubernetes - Hosted

Certified Kubernetes - Installer

PaaS/Container Service

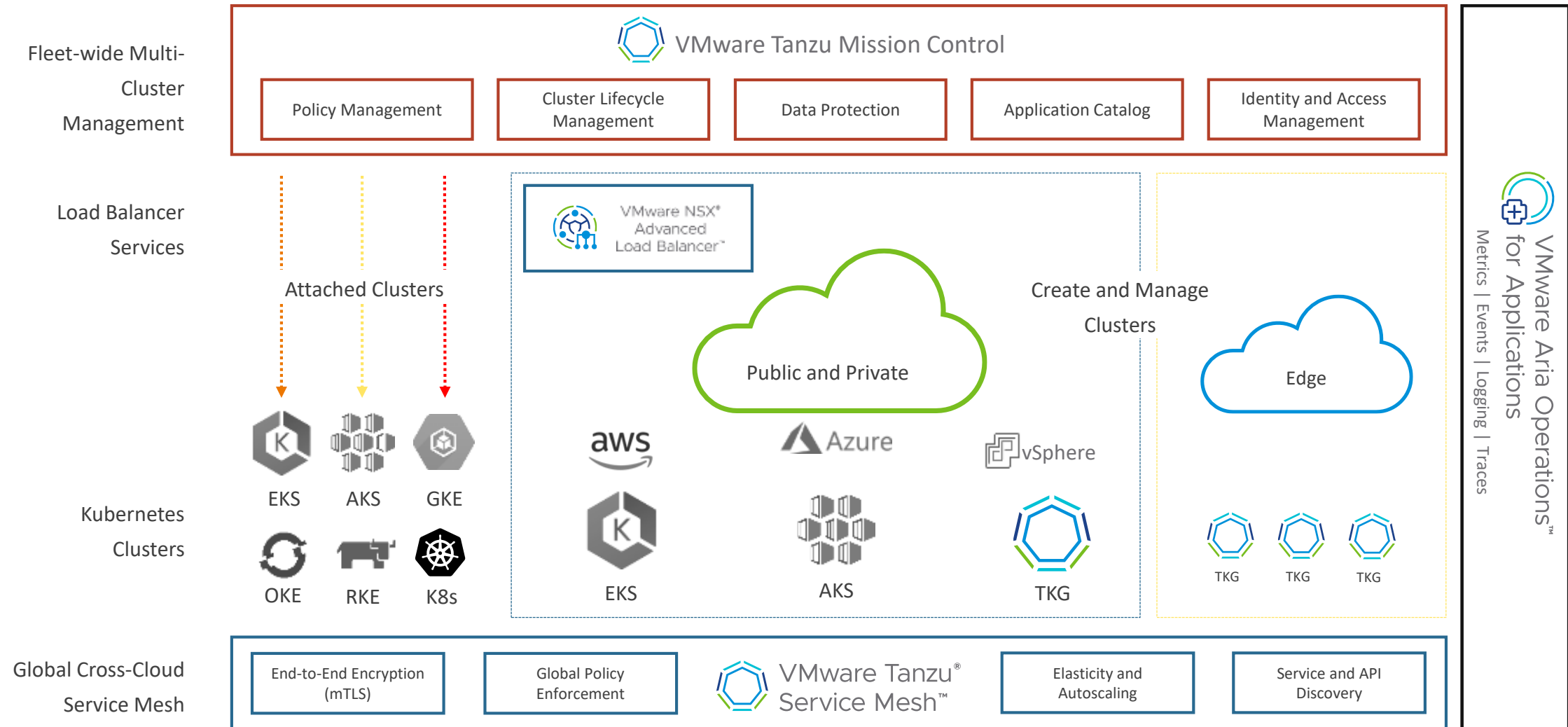
Observability and Analysis

Monitoring

Monitoring: Prometheus, Cortex, OpenMetrics, Thanos, etc.

Tanzu for Kubernetes Operations

A simplified, consistent approach to container deployment, scaling, and management



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Ihr Ansprechpartner

Constantin Korte

Tanzu Solution Engineer

Modern Apps & Management Business
Group



IT-Infrastruktur Services



IT-Sicherheit



Managed und Cloud Services



Professioneller IT-Service



Digitale Transformation

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