



VCF + Tanzu Platform = The Private Cloud Enterprises Actually Needs

Oren Penso & Michael Coté

Global VMUG, June 25th, 2026



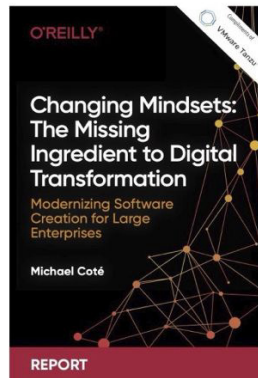
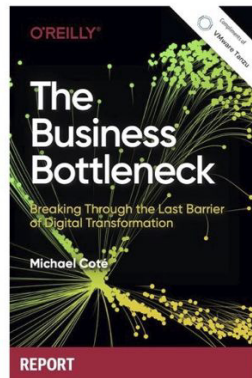
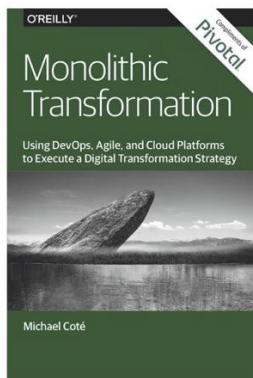
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Coté

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Tanzu
Catsup

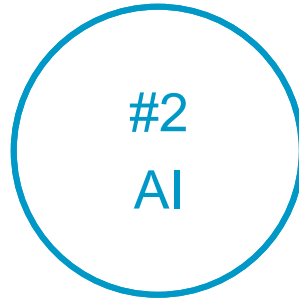


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Everyone needs a developer platform



Software
Runs
Everything



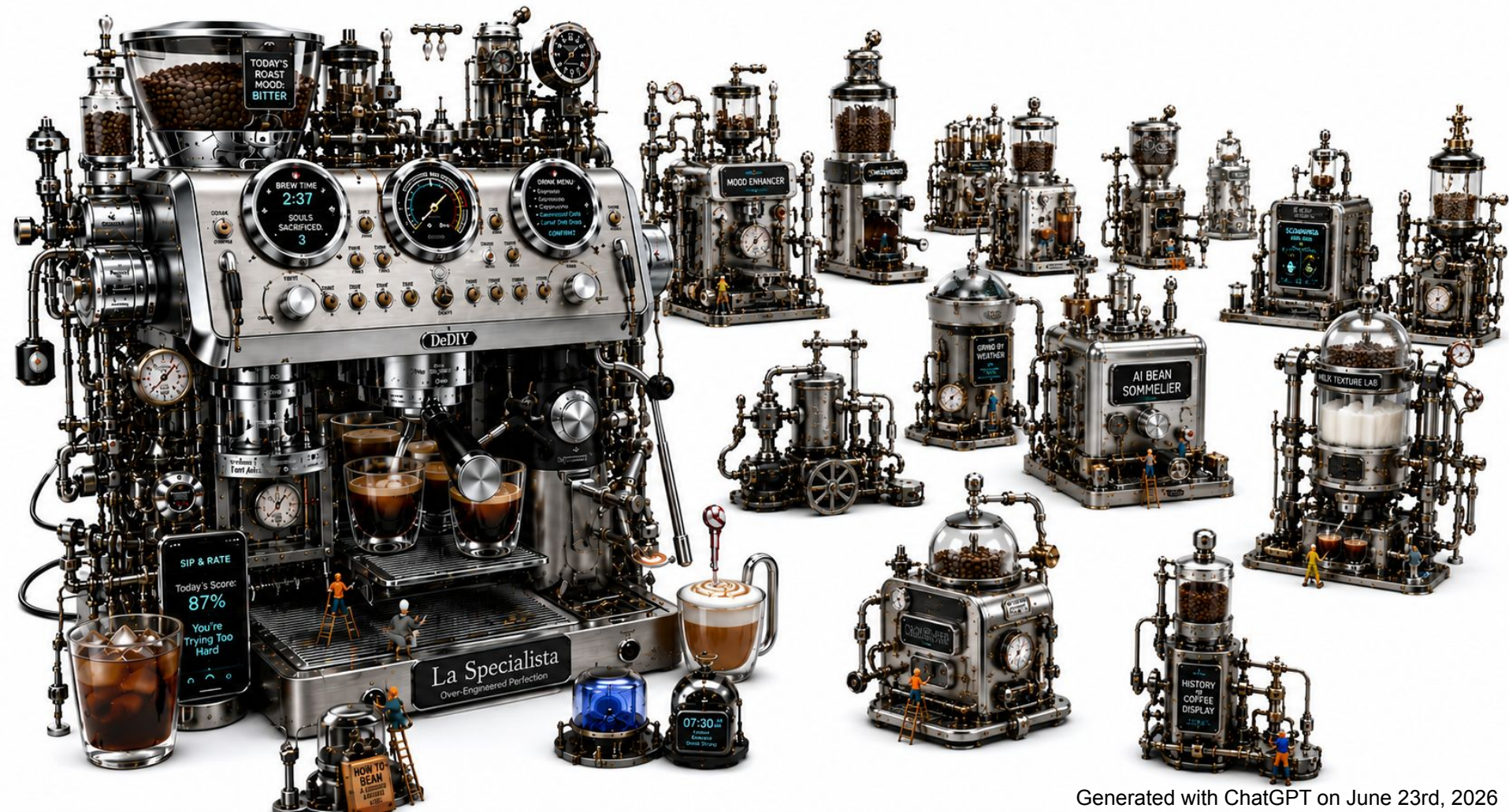
Our Great
Hope for
the Future

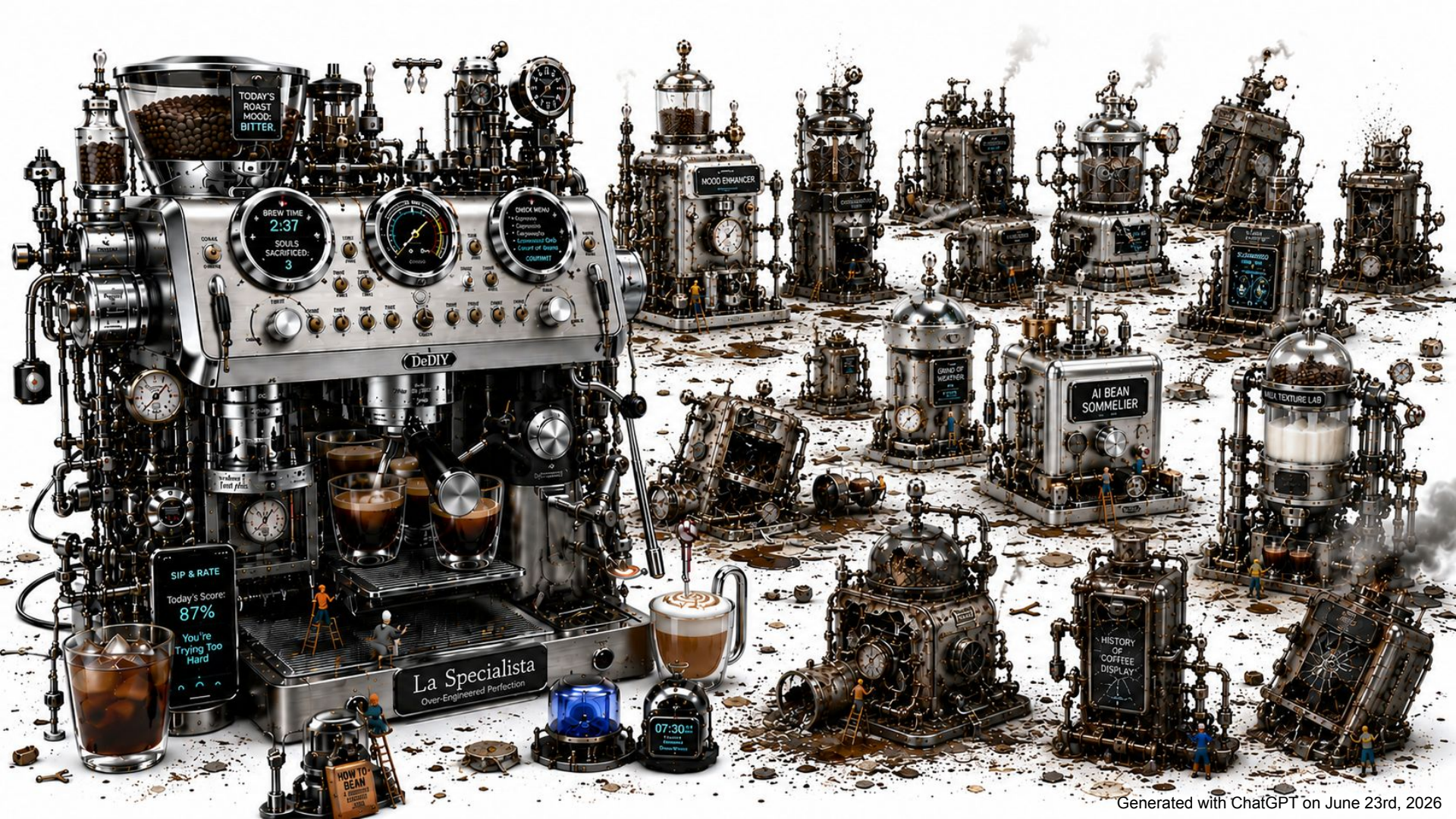


Cat Picture Grade
Security Isn't Good
Enough



#4
You
already
have one!





SIP & RATE
Today's Score:
87%
You're Trying Too Hard

BREW TIME
2:37
SOULS SACRIFICED
3

CHECK MENU
• Espresso
• Cappuccino
• Latte
• Americano
• Cold Brew
• Cortado

DeDIY

La Specialista
Over-Engineered Perfection

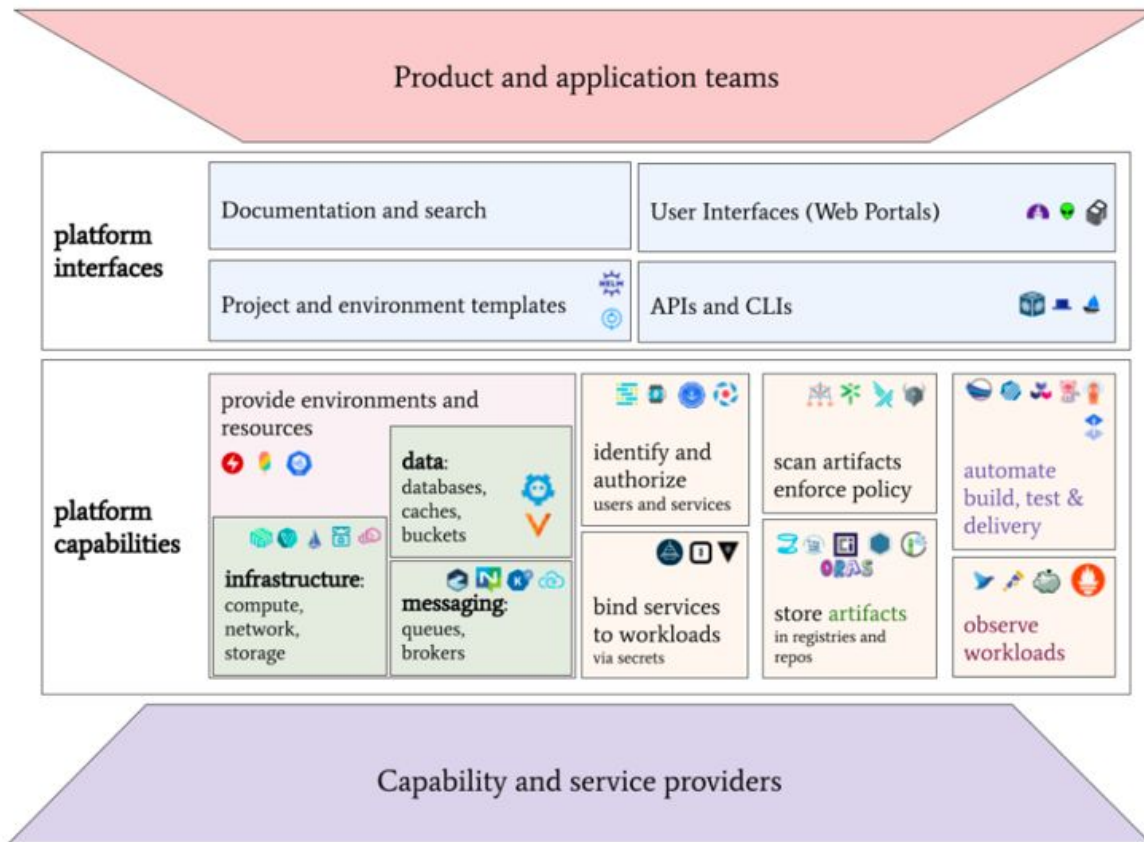
07:30 AM
Monday
Over-engineered

HOW TO BEAN
A GUIDE TO THE ART OF COFFEE

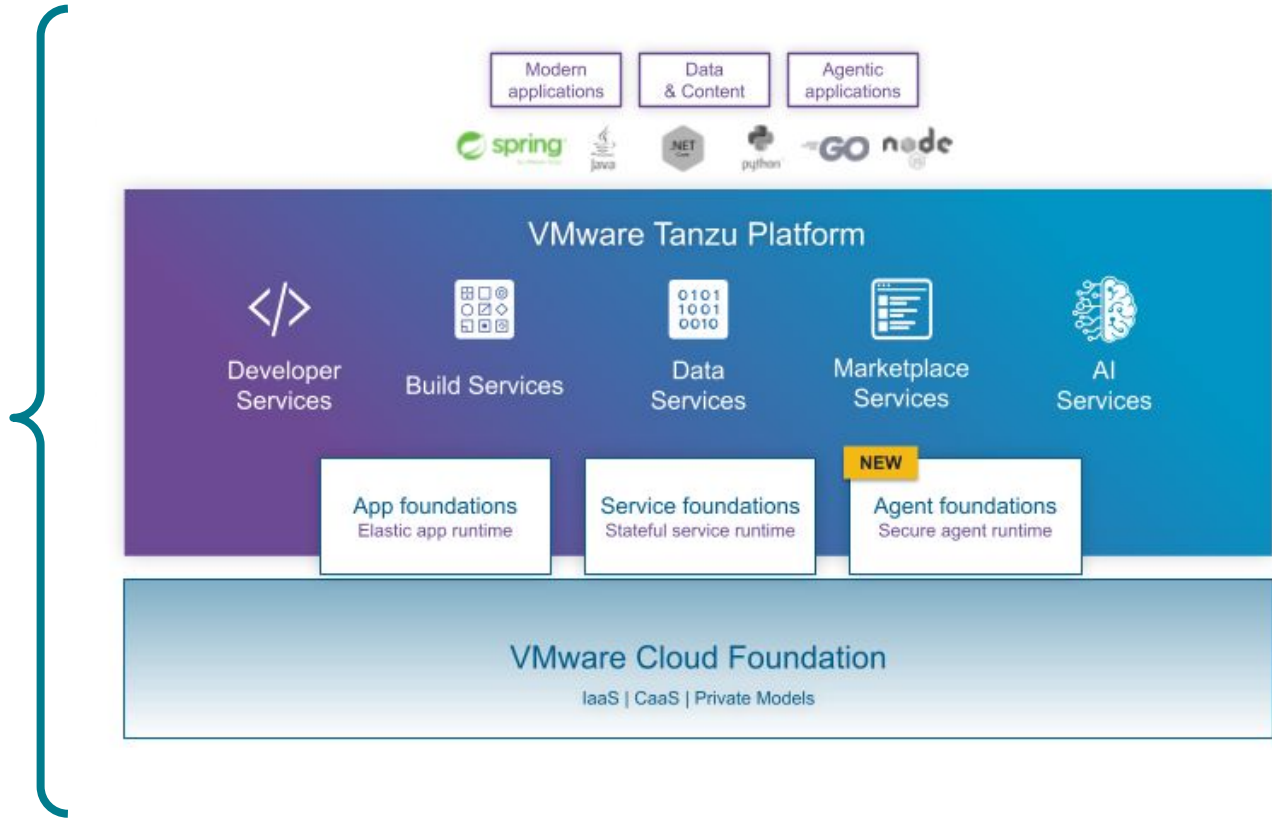
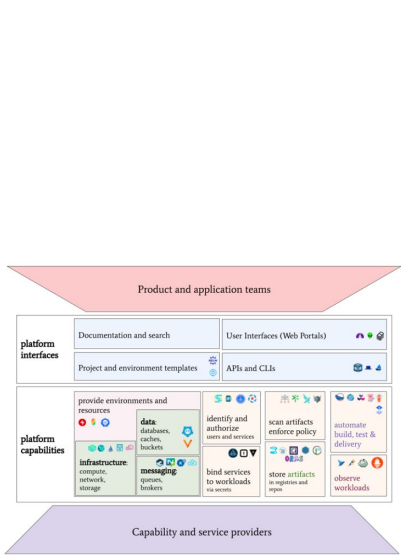
What developers actually want & need

...and what you can (easily) give them

- Self-service for everything.
- Bring your own framework.
- Easy access to data and service.
- SDLC integrations.
- Simple command to push to production.
- Automated security, compliance, governance.
- Quickly get new technologies, e.g., AI.



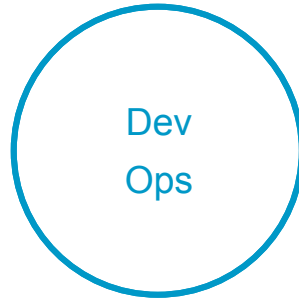
VCF + Tanzu Platform = The Private Cloud Enterprise Platform



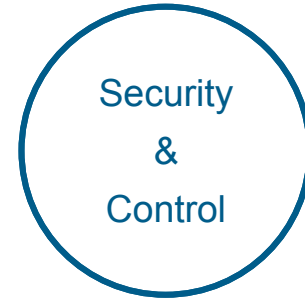
Tanzu Platform is built on enterprise requirements



Enterprises
Need
All the Clouds

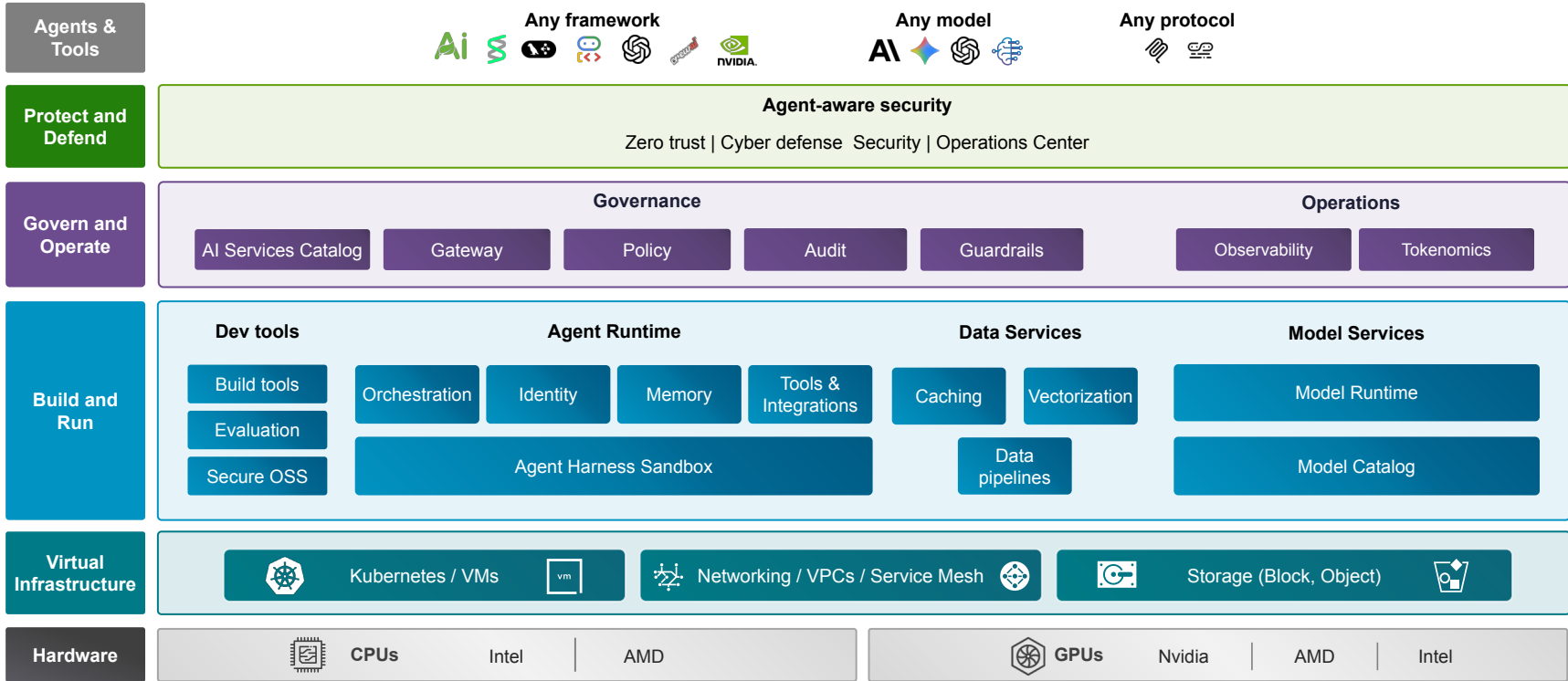


Battling Silos
👉
API'ed Layers



Templates
Guardrails
Legibility

VMware Agent Platform

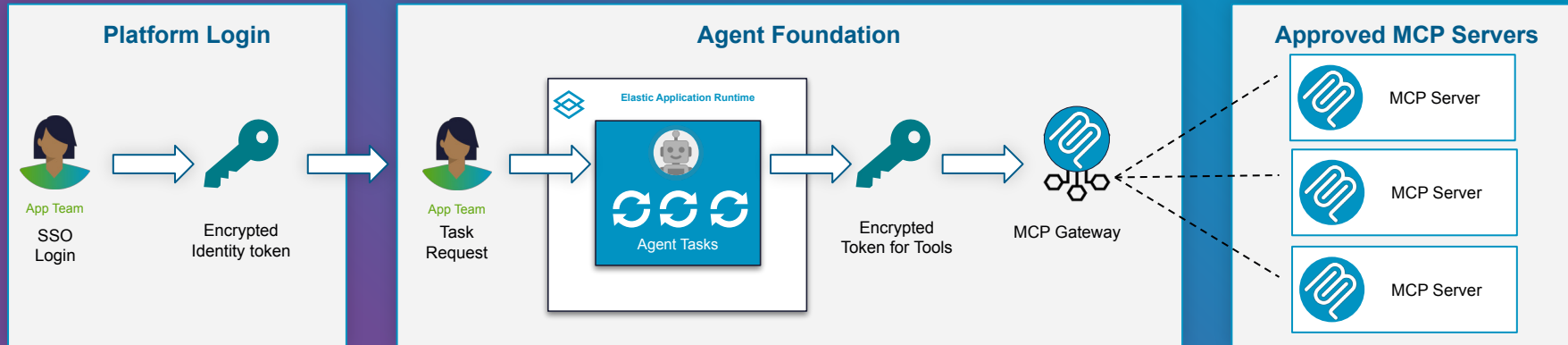


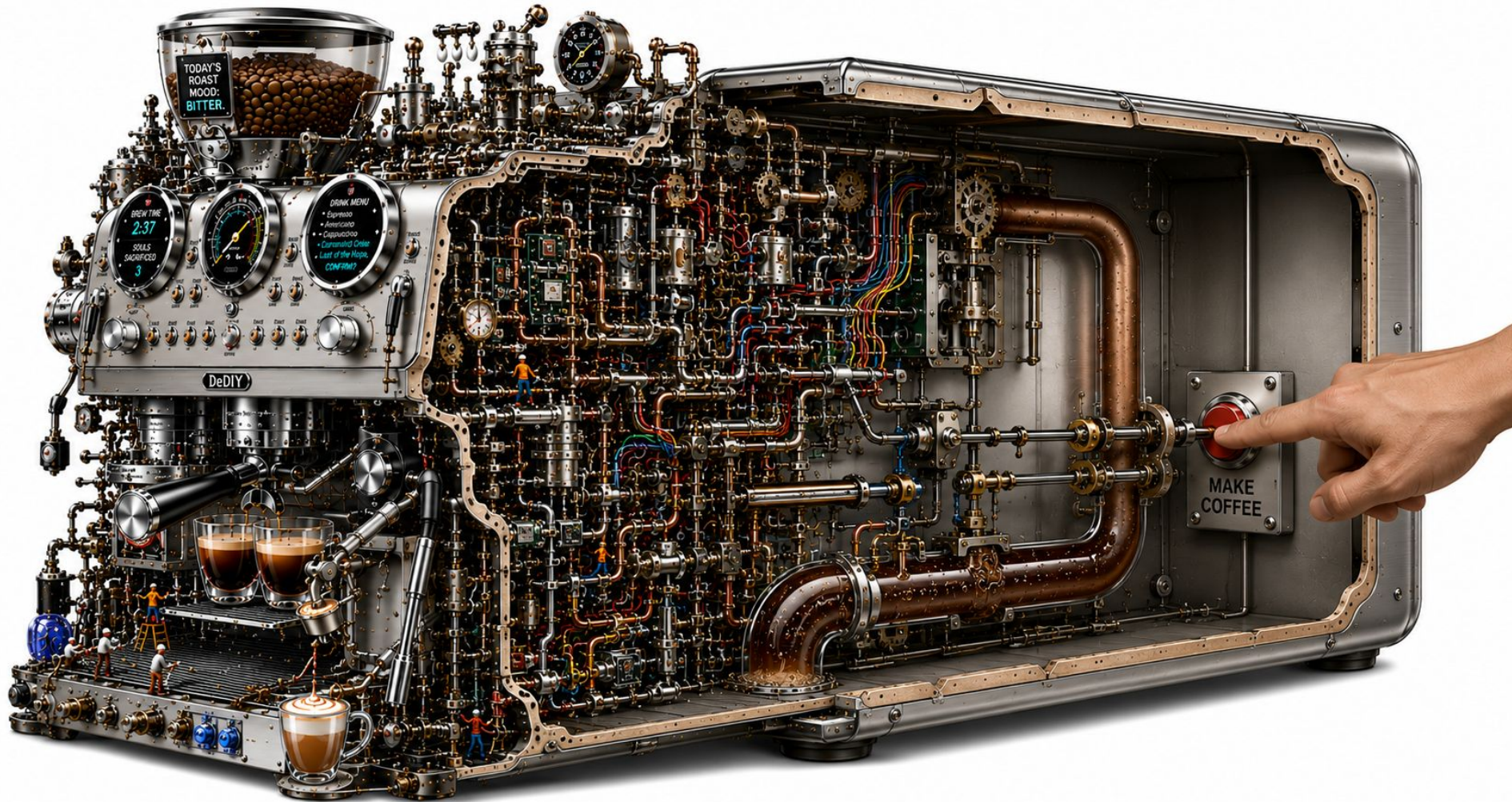
Tanzu Platform gives ops control that developers will actually like

Stage 1: Identity Creation (Secure Auth)

Stage 2: Isolated Environment for Agent Tasks (Agent Sandbox)

Stage 3: Secure Tools (Secure MCP Integrations)





TODAY'S ROAST MOOD: BITTER.

BREW TIME
2:37
SOULS SACRIFICED
3

DRINK MENU
• Espresso
• Muesli
• Cappuccino
• Curatorial Order
• Last of the Hops
CONFIRM?

DeDIY

MAKE COFFEE

- 350 apps / 7 ops
- 300 apps / 8 ops

- 30,000 devs / 50 ops
- 6,500 devs/16 ops
- 2,500 devs / 5 ops
- 1,200 devs / 6 ops

- 45 app teams / 5 ops
- 300 app teams/ 4 ops

THE PaaS of the private cloud

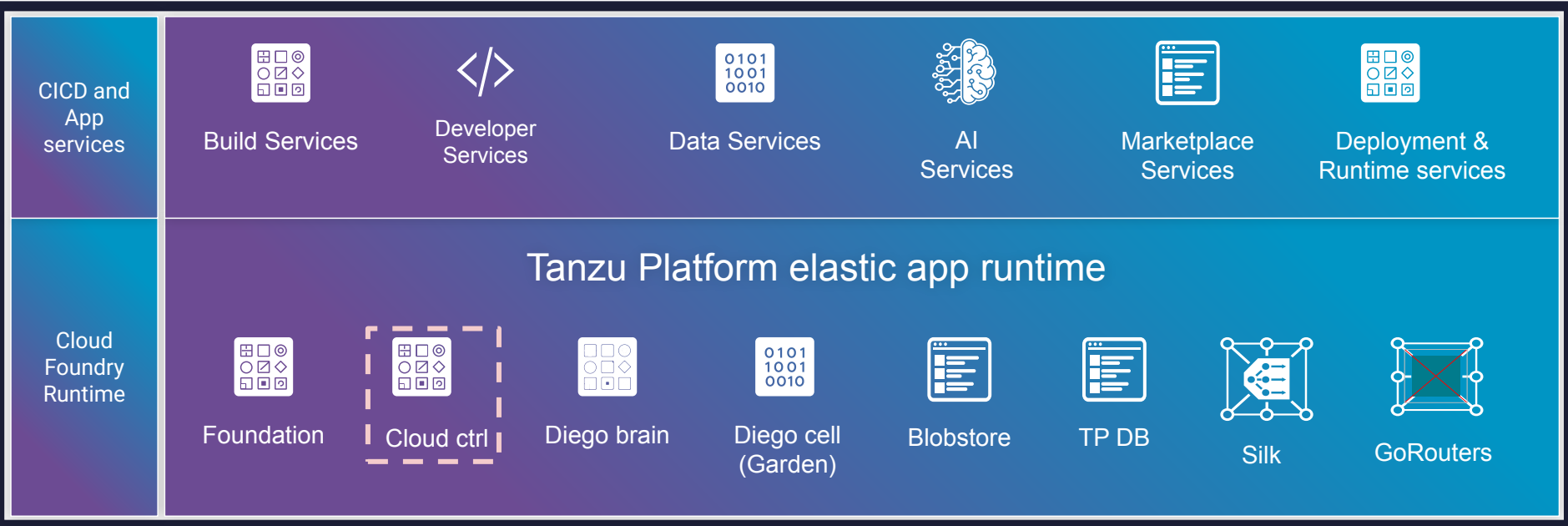
```
1  apiVersion: v1983
2  kind: Who~Am~I
3  metadata:
4    name: Oren Penso
5    current role:
6      name: FCTO
7      organisation: VMware Tanzu
8      region: Global
9    contact details:
10     email: oren.penso@broadcom.com
11     blog: penso.io
12     github: 0pens0
13     twitter: 0pens0
14    background:
15     it-experience: 20
16     education: MBA
17     previous roles: FCTO, FCISO, Product strategist, Head of IT and Security
18     hobbies: Information security, Gaming, Crossfit, Tennis, Volleyball
19  spec:
20    replicas: 1
21    template:
22      metadata:
23        labels:
24          presentation: Tanzu Past and Future
25          subject: Accelerate your path to production
```



Oren Penso
Tanzu CTO, Broadcom

Tanzu Platform components vs Kubernetes components

Pre engineered Platform as a Service



Kubernetes



K8s cluster

K8s Scheduler

K8s Worker

Harbor

ETCD

Antrea

NSXLB/AVI



TP Cloud platform interface (CPI)

Pre engineered Platform as a Service



Tanzu Platform elastic app runtime



Cloud Foundry Runtime



Foundation



Cloud ctrl



Diego brain



Diego cell
(Garden)



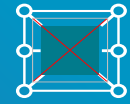
Blobstore



TP DB



Silk



GoRouters

vm

vm

vm

vm

VCSA

Workload Cluster (AZ1)

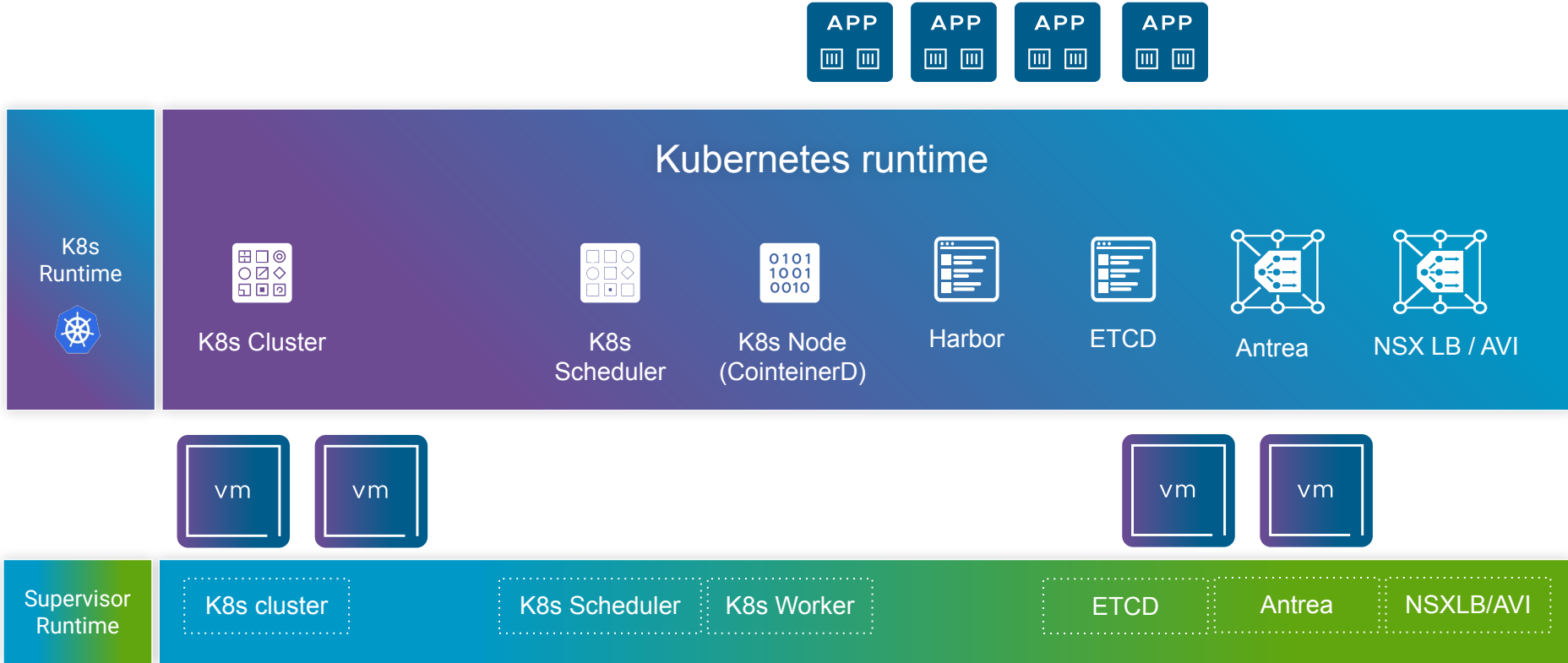
Workload Cluster (AZ2)

Workload Cluster (AZ3)



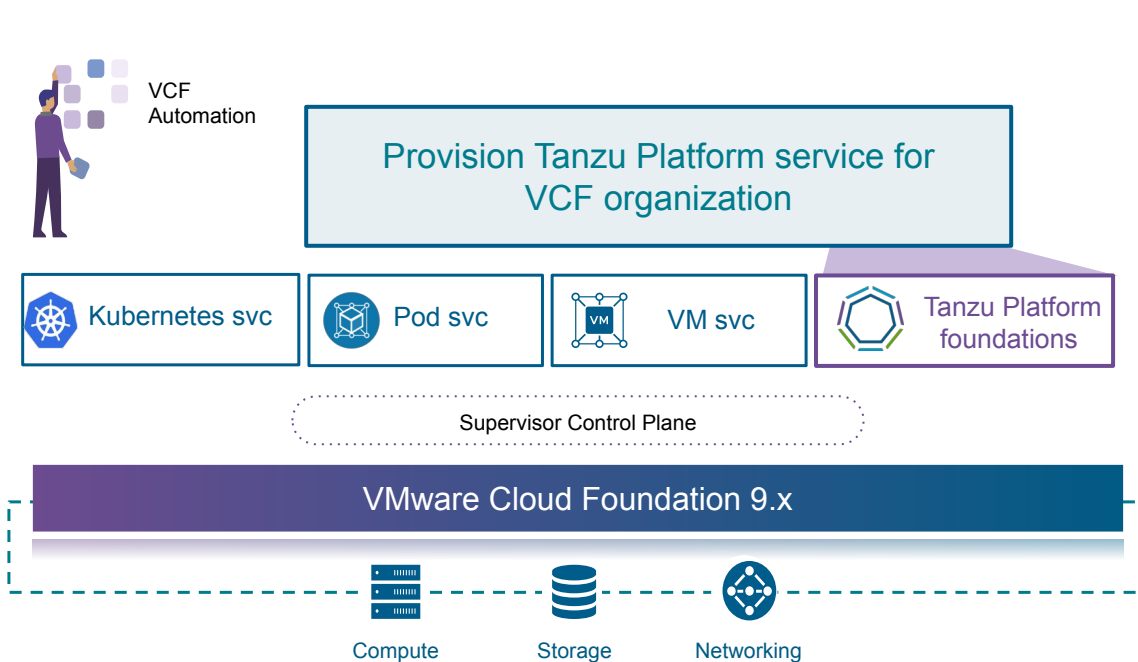
K8s Cloud platform interface (CPI)

Pre engineered Platform as a Service



Click and go PaaS with Tanzu Platform + VCF 9 integration

Easy-to-operate, single destination for all application types and runtimes



Seamless, automated provisioning of PaaS for fast, simple experience



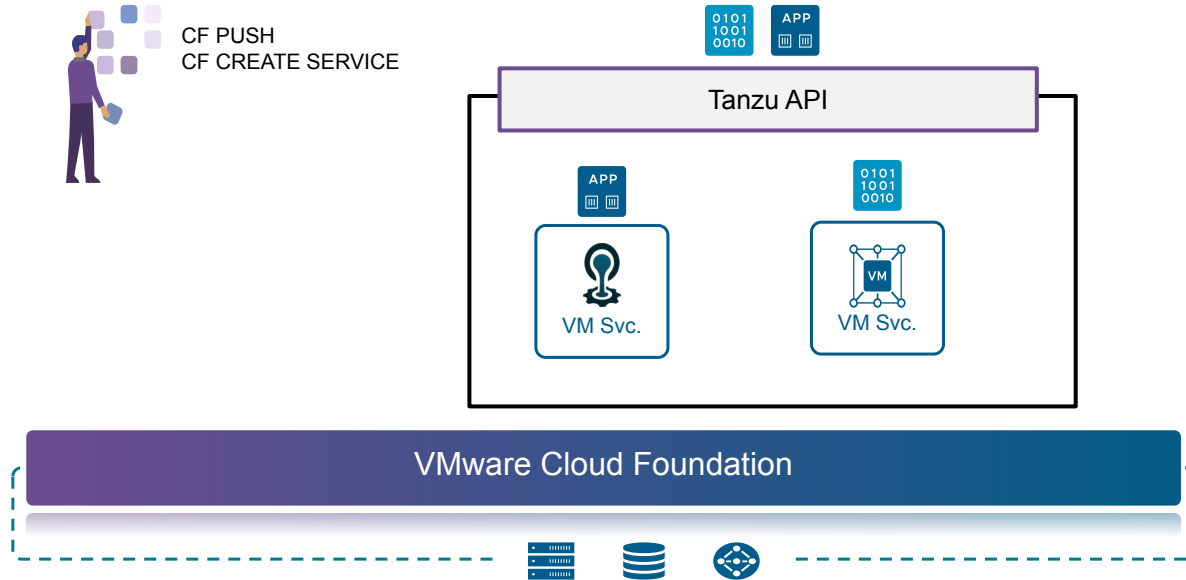
Extends PaaS as a fully integrated, private cloud service



Leverage the VCF Supervisor services for integrated networking, storage and security

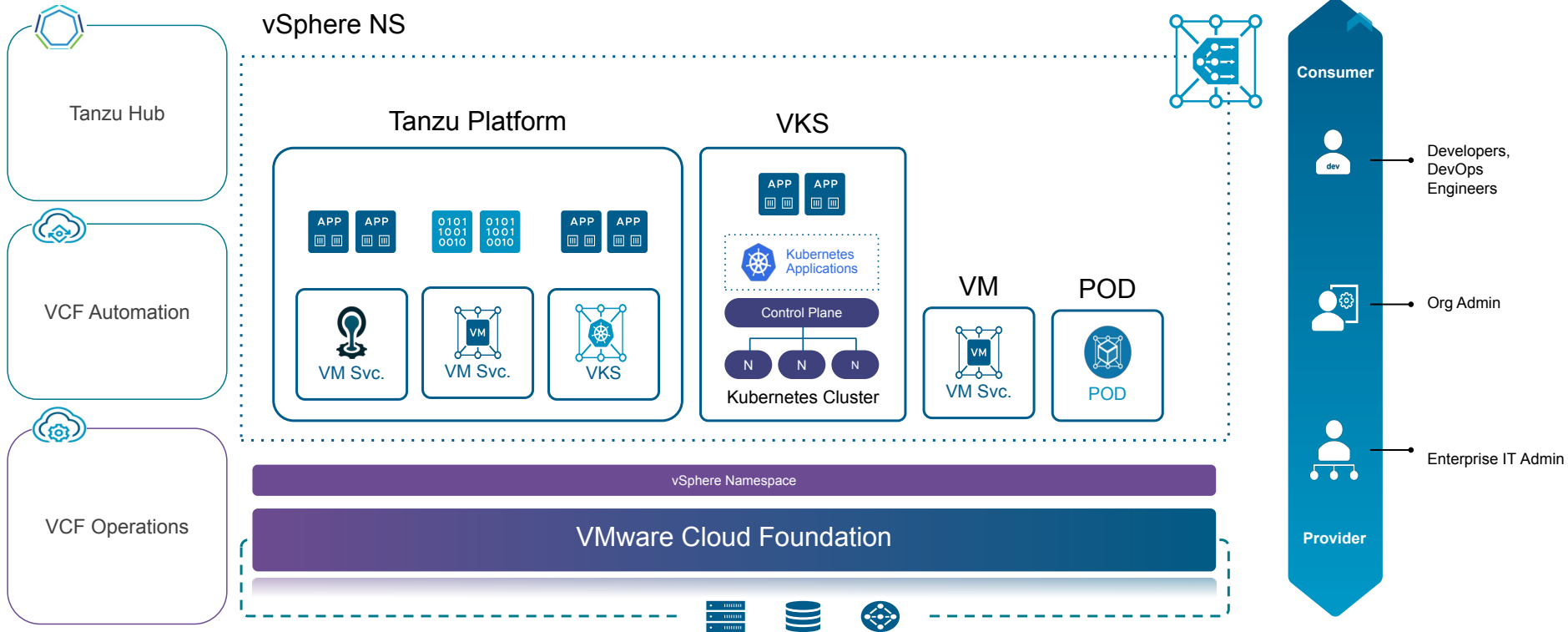
Tanzu Platform pre version 10.4

vSphere integration, Huge foundations, Decoupled orchestration engine (BOSH)



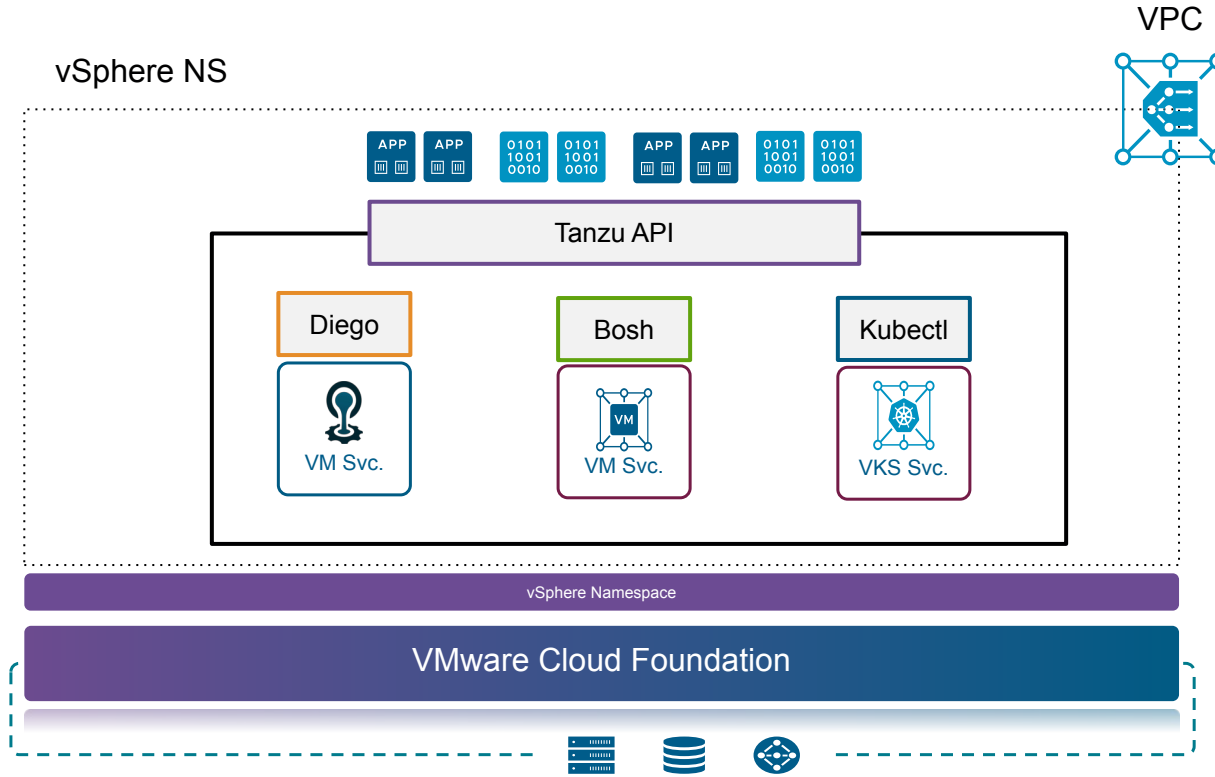
Tanzu Platform Integrated into VCF Private Cloud

One private cloud stack with a build in pre-engineered platform service



Tanzu Platform post version 10.4 - Runtimes

Same pre-engineered platform extended with a kubernetes runtime

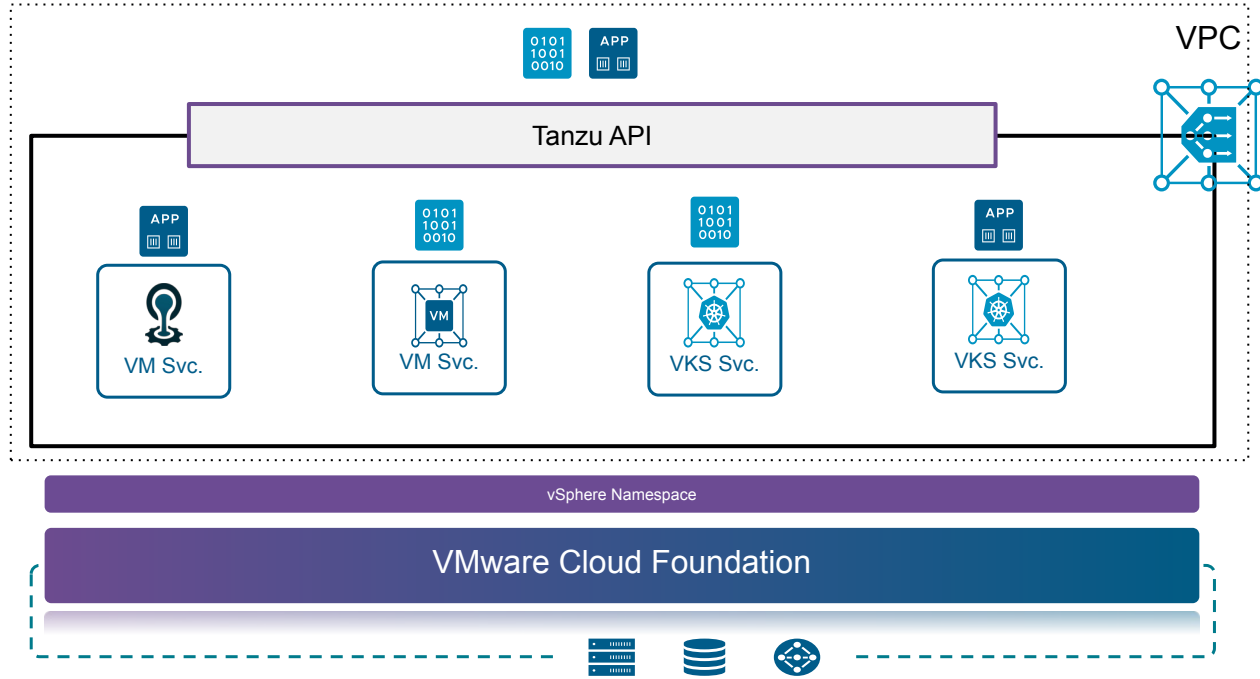


Tanzu Platform post version 10 - Kubernetes runtime

Platform kubernetes based on VKS fully managed by the platform

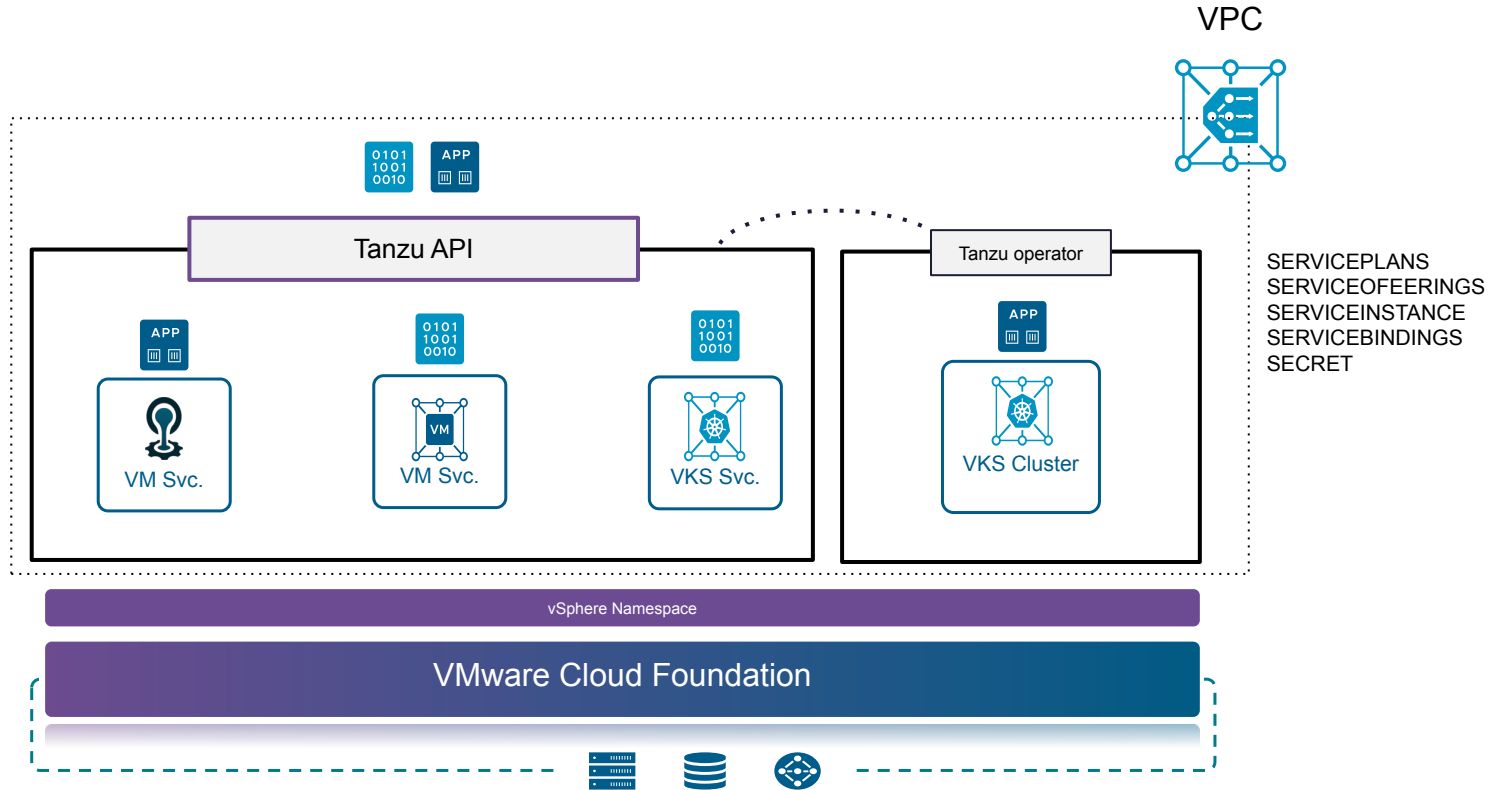
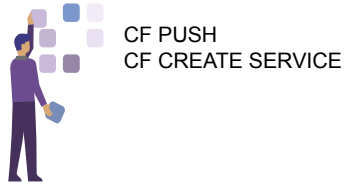


CF PUSH
CF CREATE SERVICE



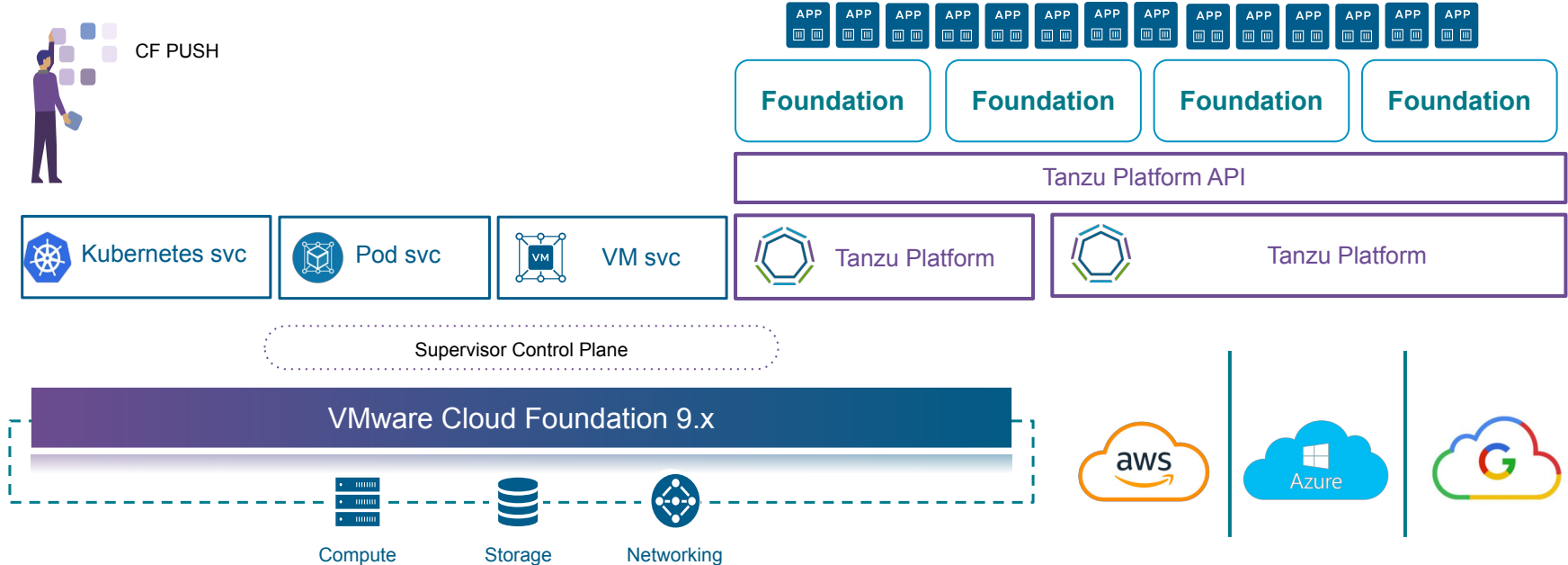
Tanzu Platform post version 10 - Connected cluster

Connect any VKS cluster to services in the platform with Tanzu operator



Repatriate workloads from public cloud to Private cloud with ease

Easy-to-move, Same platform API, Same path to prod, Consistent app platform across clouds



Thanks!

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<https://talks.cote.io/tanzu-on-vcf/>