

Deliver Cloud-Native Apps Faster

with Tanzu Platform

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New application strategies require new tech, and result in new challenges: many teams, many tools, different processes



App Teams

How do I avoid infrastructure as yaml?

How do I connect my app to services?

How do I scan for vulnerabilities?

How do I write cloud native apps?

How do I use new frameworks and tools?

How do I create self-service developer platforms?

How can I update apps without downtime?

How do I protect against zero-day attacks?

How do I manage Kubernetes for developers?

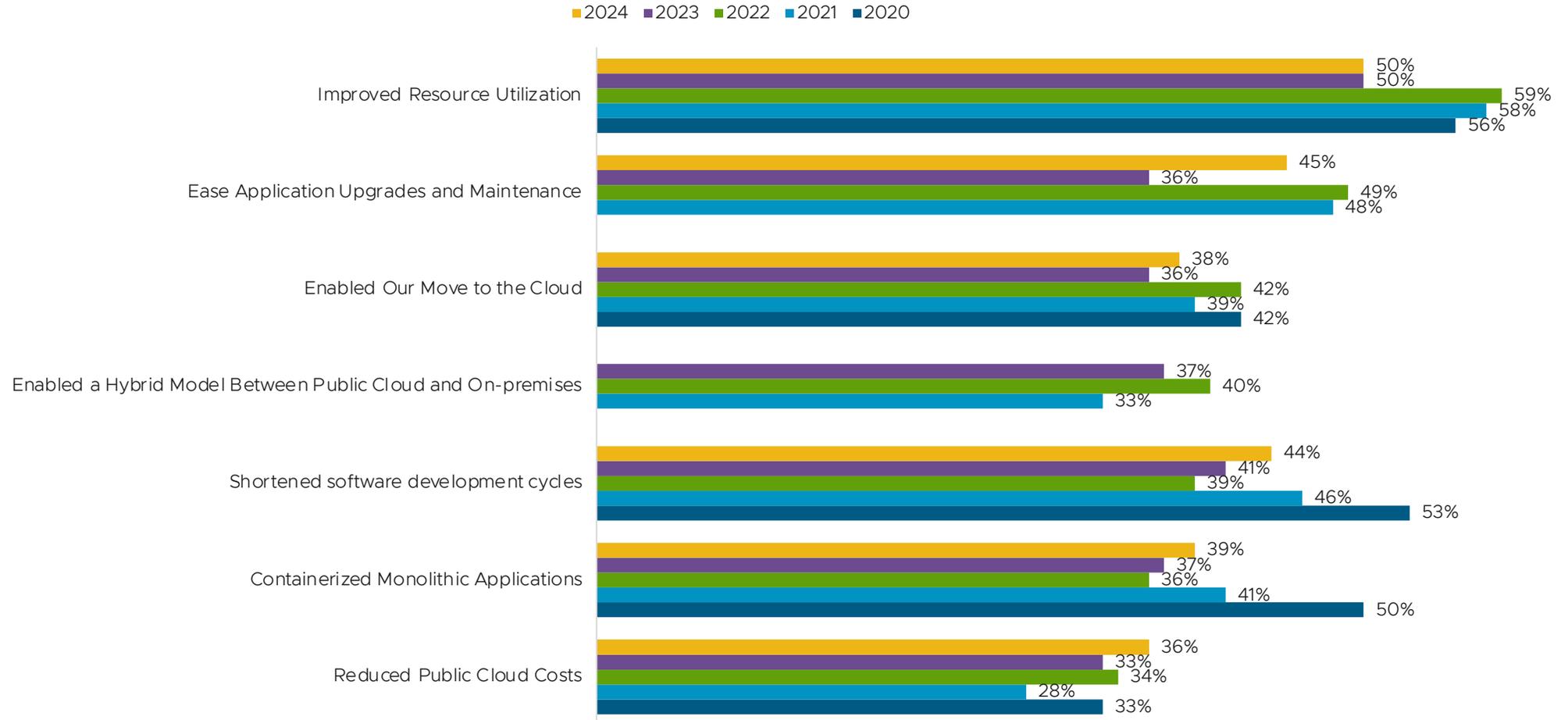
How do I measure success?

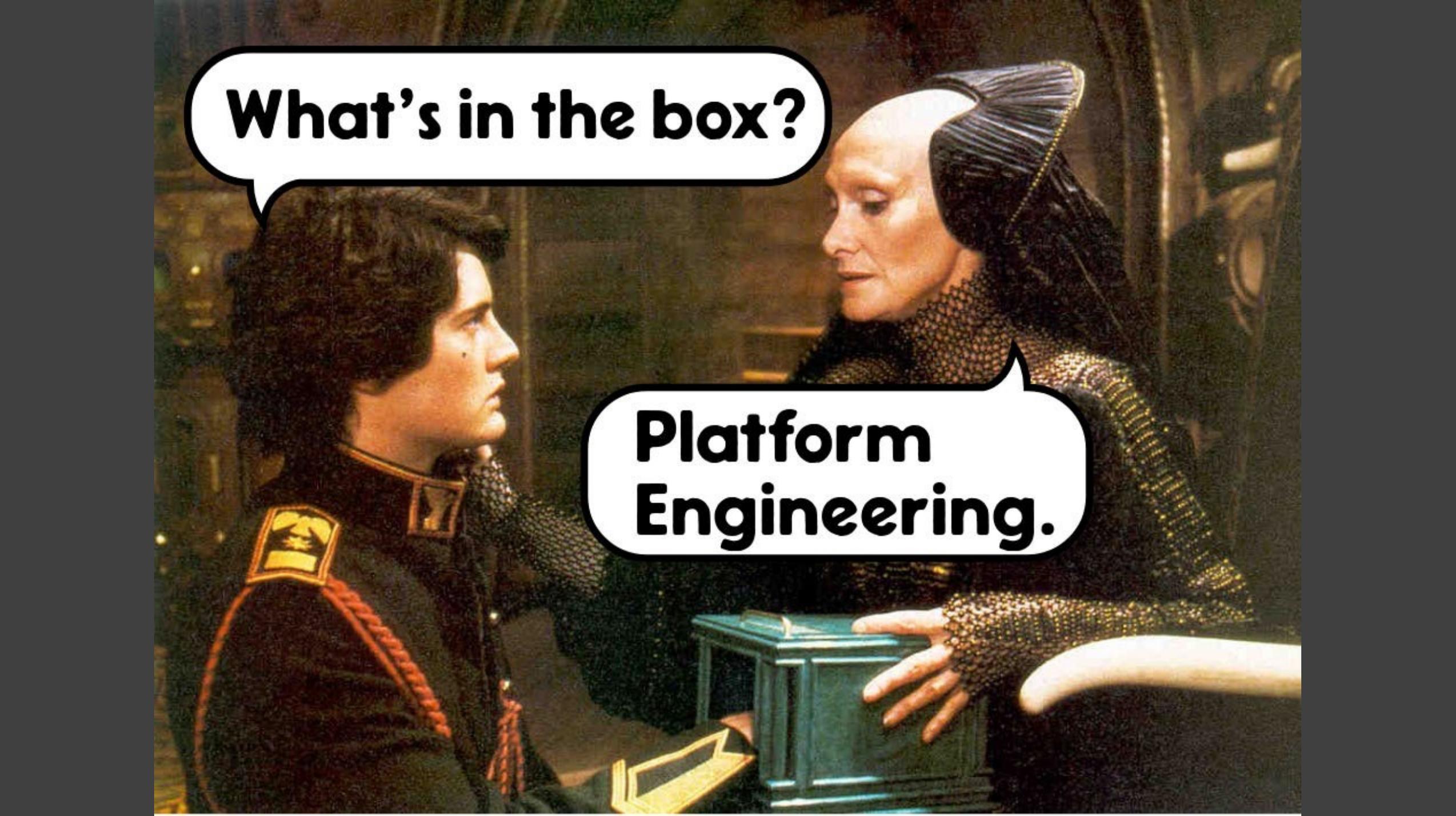


Platform Teams

For many, Kubernetes has not been an improvement...yet

What benefits has your organization realized from operating Kubernetes?





What's in the box?

**Platform
Engineering.**

The Tanzu Platform implements platform engineering principles.

Platform as a Product: Developers are the Customers

The developer experience must be **simple** for it to be **safe**

Infrastructure must be **dynamically scaled** to meet app needs

Apps and infrastructure must be **continuously updated** to mitigate risk



Tanzu provides an app and data platform for app delivery at scale



Mercedes-Benz iO

StateFarm®

British Gas

DBS

swisscom

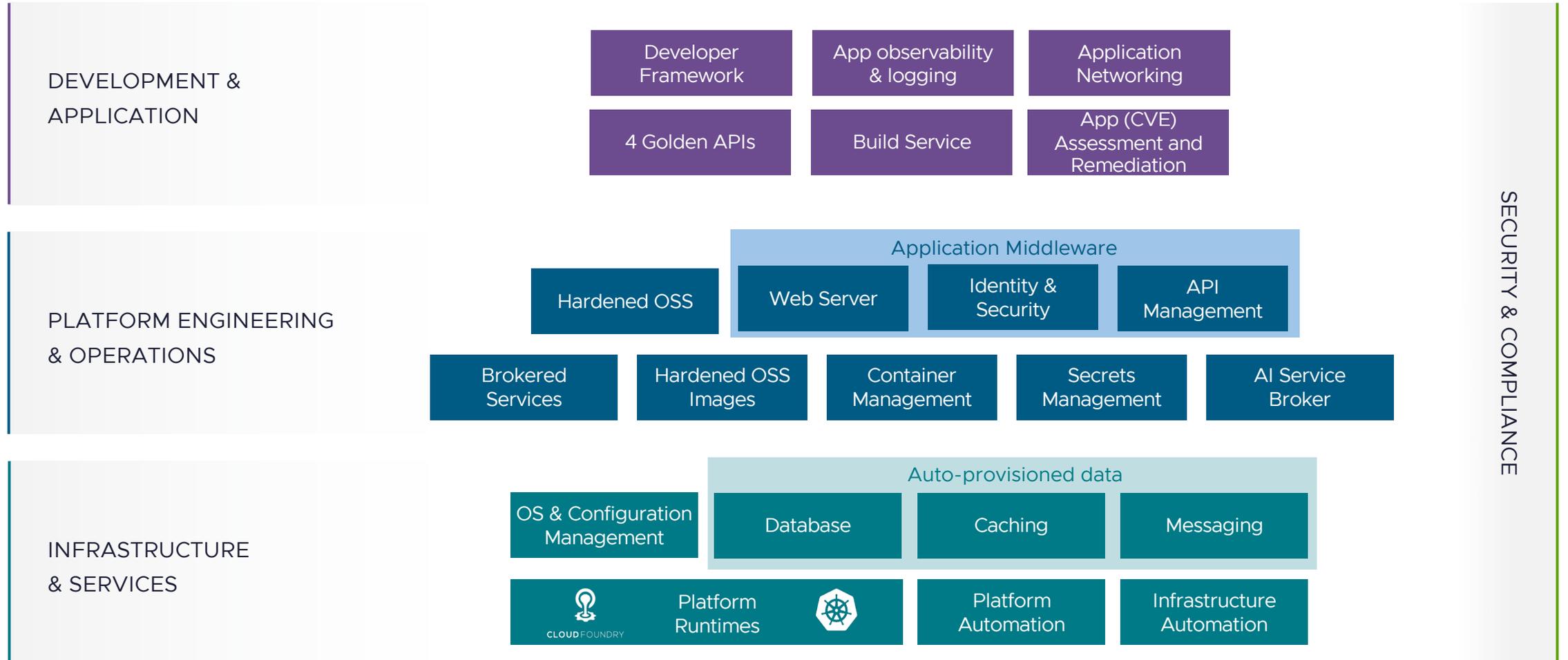
fiserv.

HYUNDAI
AutoEver



There's a lot more to a platform than just containers

The Tanzu Platform completes your platform strategy



Microsoft Azure



Google Cloud



Eliminate operational friction and IT tickets



Deploy code with Tanzu Platform

fast, consistent

45 seconds to production

Code complete & tested

- Find available hosts
- Install & configure pods and app runtime
- Install & configure middleware
- Pull application source code
- Retrieve dependent libraries
- Create application package
- Install, configure dependent services
- Deploy container to hosts
- Load environment variables
- Configure load balancer
- Configure firewalls
- Update service monitoring tools
- Configure log collector



Application in production

- 2 Days
- 1 Day
- 1 Day
- ¼ Day
- ¼ Day
- ¼ Day
- 2 Days
- ½ Day
- ¼ Day
- 2 Days
- 2 Days
- 3 Days
- 1 Day



~15+ Days to production

Typical ticket-based deployment timeline

Eliminate operational friction and IT tickets



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...

Extended to Kubernetes

- Create clusters
- Install security, management, gitops, ingress packages
- Install API gateway, data services, SSO packages
- Configure packages and dependencies
- Create namespaces
- Set up cluster access
- Set up VPCs and cluster connectivity
- Configure load balancer
- Configure firewalls
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...

Application in production

Tanzu Platform is used for many critical app initiatives

Value realized across industries, verticals and use-cases



Consumer credit
card company

Real-time, global
fraud detection for
credit card
approvals



Govt Military
Organization

Digital
transformation and
modernization of
large app portfolio



Global logistics
& transportation

Accelerated time-
to-market and
innovate logistics



Consumer Bank

Modernized
consumer banking
apps



Global
technology
hardware

Transformed
eCommerce app

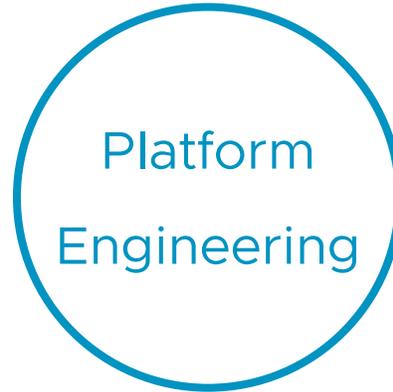
Next Steps?

Learn more at breakout sessions throughout VMware Explore!



TANB1540BCN

**Tanzu Platform: Bring
Platform-As-A-Service
To Private Cloud**



TANB1464BCN

**Building A Foundation
For Enterprise AI
Innovation**



Demo station

**Tanzu Platform: Your
Modernization Journey
Simplified**

TANB1835BCN
**Developing More Robust
Applications With
Platform Contracts**



Slides & stuff



Thank You