

Accelerate App Delivery with VMware Tanzu Platform

Tanzu Platform

Tanzu Platform serves as a unified Platform as a Service (PaaS) that abstracts infrastructure from developers so they can accelerate app delivery while empowering Platform Engineers to achieve enterprise resilience, governance and compliance.

Extend the Cloud Foundry PaaS experience to Kubernetes

Tanzu Platform empowers app and platform teams with a robust, scalable application ecosystem

Seamless Integration

- "cf push" experience for Kubernetes
- Simple developer and day 2 operations workflows

Advanced Management

- Leverage Kubernetes APIs
- Effortless scaling and resource control

Unified Developer Experience and Enhanced Efficiency

- Consistent operations across platforms
- Declarative Kubernetes benefits



Simple functions to build, bind, deploy and scale apps

Tanzu Platform supports the application lifecycle from development to production for both application and platform teams by emphasizing a standardized, automated approach (Golden Path) for delivering applications at scale.

Build

Tanzu optimizes apps for container environments like Cloud Foundry and Kubernetes, while Buildpacks support the assembly and deployment of apps in containers, enhancing scalability and security in production environments.



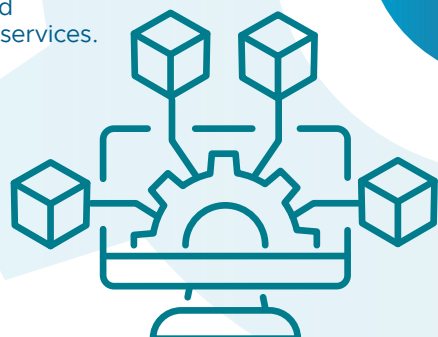
Bind

Automate app and IT service connections, including databases and LLMs, for developer friendly, secure, and consistent binding across environments, simplifying management by separating credentials from the codebase.



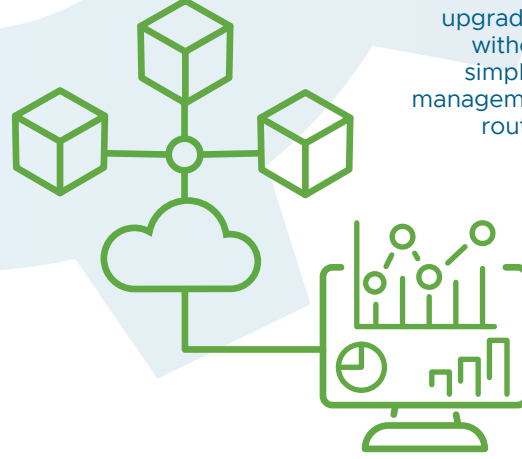
Deploy

Declarative manifests through app spaces simplifies deployment, seamless CI/CD integration, GitOps support, and automated infrastructure services.



Scale

Provides APIs for rolling upgrades and scaling without downtime, simplifying lifecycle management, enhances routing and traffic management.



70%
more streamlined IT admin tasks¹



48%
faster time to market¹



36%
lower development costs¹



142%
Return on investment¹

Automation and security

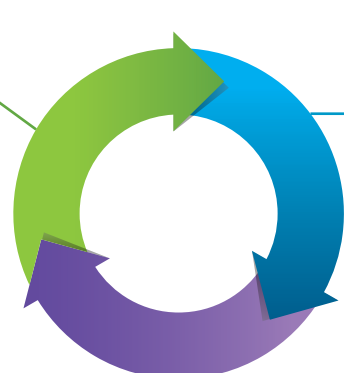
Automate cloud native security best practices

Rotate Credentials

80% Lower Admin Cost²

Repair CVEs

75% Less Time to Patch²



Repave App & Infra

200:1 Dev/Op Ratio¹

Rotate

Rotate data center credentials and app certificates every few minutes or hours to maximize security and mitigate compromised credentials and keys.

Repair

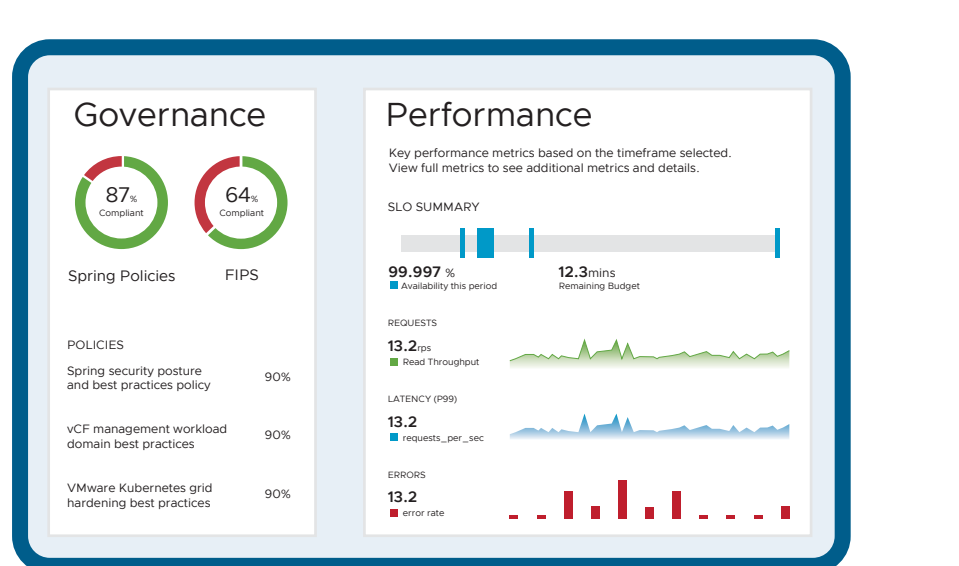
Repair vulnerable operating systems and application stacks consistently within hours of patch availability to reduce vulnerabilities, tech debt and configuration drift.

Repave

Repave every server and application in the datacenter every few hours from a known good state to shorten the time advanced persistent threats remain in the system.

App to Platform Visibility

Tanzu Platform provides a centralized dashboard built on a common control plane and data model for contextual visibility. Gain a shared understanding of systems, application, infrastructure, and platform for proactive issue resolution.



- Application Performance
- Infrastructure Visibility
- Security & Governance
- Observability
- AI-driven Insights
- Natural Language Search

1. Economic Strategy Group (ESG), Analyzing the Economic Benefits of VMware Tanzu Platform, By Nathan McAfee, Principal Economic Analyst, July 2024

2. VMware Internal Analysis, 2023

“Tanzu solutions provide the platform for my most expert developers to do their best work, from concept to solution rollout.”

-Tim Hansen, IT Operations Manager, America First Credit Union

Learn more at:
<https://www.vmware.com/products/app-platform>