



VMware Tanzu



Optimize

Automating the deployment and management of Cloud Native app containers to optimize service delivery

PowerON
to Cloud
Cloud Native Transformation



Contents

Apps Transformation 03

Business Advantage: Optimize 05

Capgemini - VMware Partnership 06

Connect with us 07





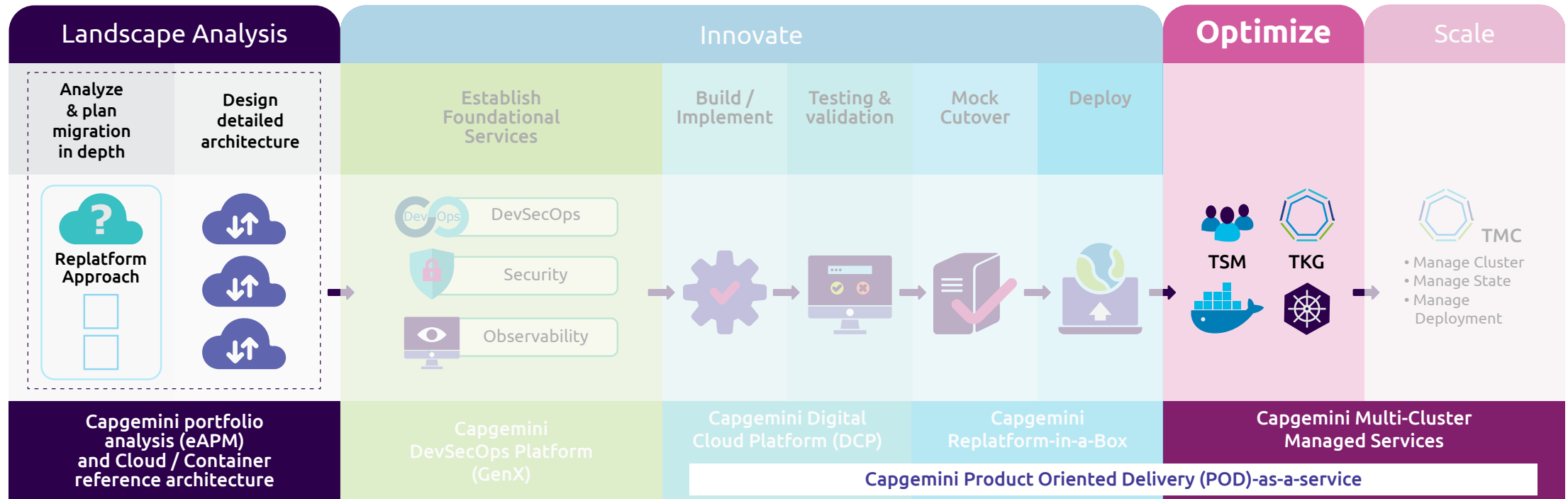
Apps Transformation



Capgemini and VMware work together to re-platform existing enterprise apps to achieve previously unattainable levels of speed and agility.

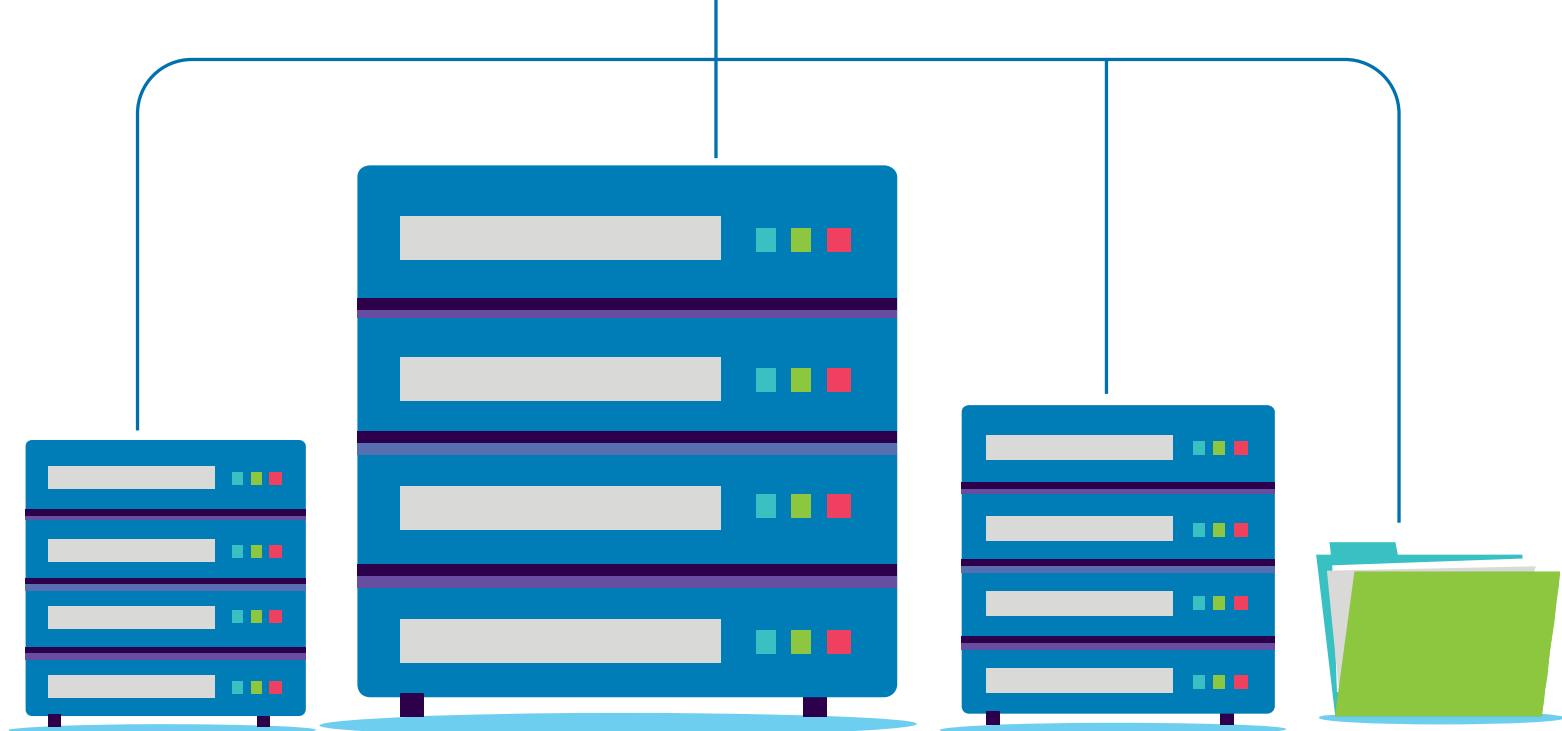
Our approach combines [VMware's Tanzu](#) portfolio with Capgemini's consulting, implementation, and managed services expertise – and we deliver it via a three-phase engagement model: **Innovate, Optimize, and Scale.**

Here, we focus on the “**Optimize**” part of the story, which is about automating the deployment and management of app containers to optimize service delivery for users.





Optimize





The business advantages of “Optimize”



The component services within each [cloud native app](#) typically run in a separate container. Containers are highly flexible, predictable and computing-environment agnostic.

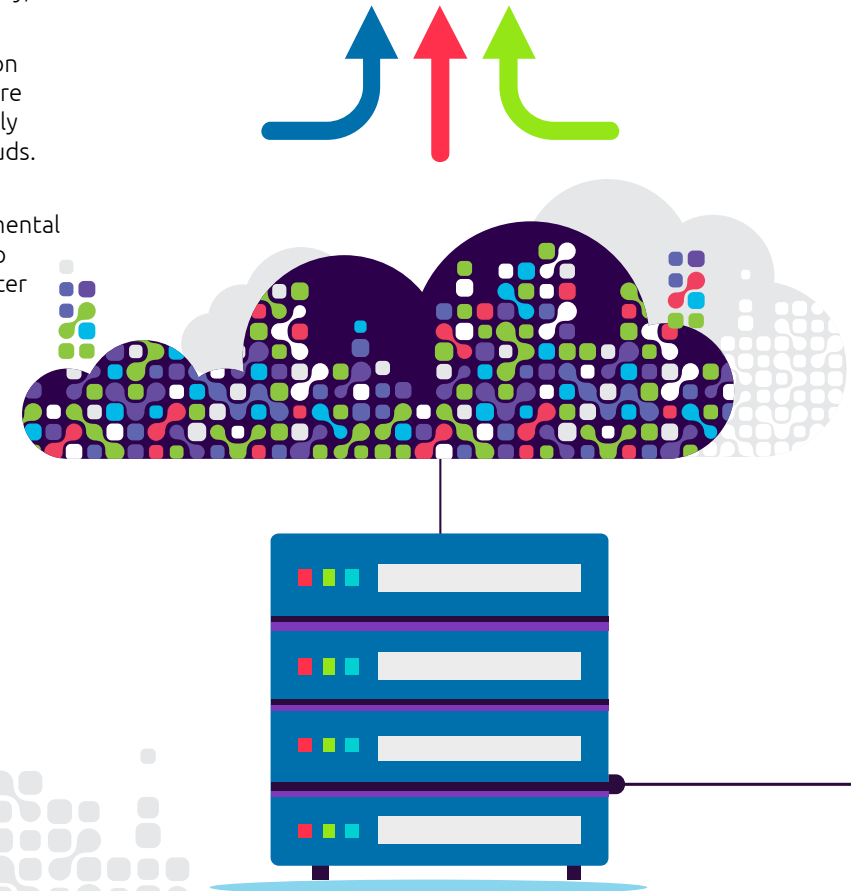
The Kubernetes platform is widely recognized as the de facto standard for managing and orchestrating containers and can be used to leverage Kubernetes native into existing data centers, public cloud and edge environments.

However, considerable effort is needed from ops teams to set up and manage a consistent Kubernetes runtime.

We implement Kubernetes into the customer’s existing environment to **orchestrate** the networking, storage, security, image registry, and general computing of their containerized workloads.

[VMware Tanzu](#) Kubernetes Grid helps to simplify the installation and ongoing operation, and it integrates with VMware’s vSphere virtualization platform to provide one **consistent**, commercially supported Kubernetes runtime that works across multiple clouds.

Our approach also leverages a **continuous** measurement and optimization framework. This enables independent and incremental development and deployment of innovative services, thanks to quicker build and release cycles that reduce risks and allow faster feedback loops.



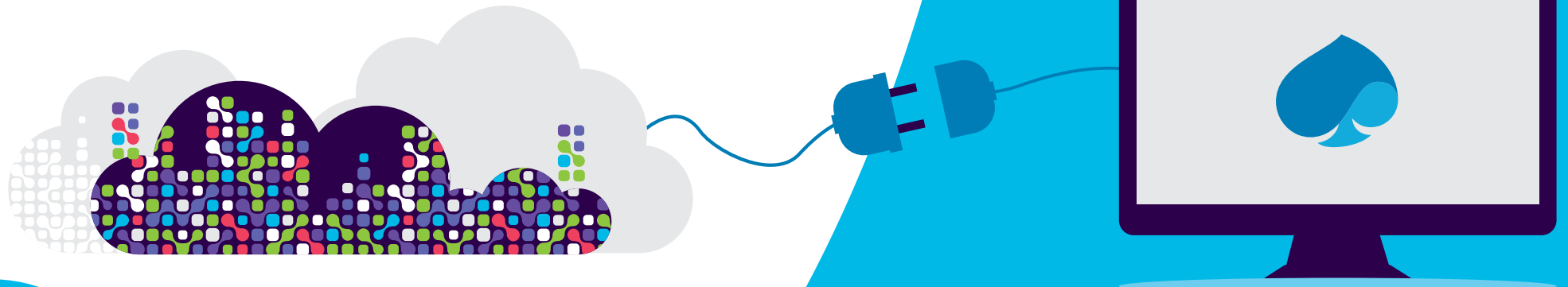


The Capgemini - VMware partnership



Together, Capgemini and VMware can help you derive the benefits of cloud computing to support [cloud native apps](#) and transform how you develop software and run your business by enabling:

- Simple installation and operation of Kubernetes platform across mixed IT environments
- Continuous measurement and optimization that improves app performance and delivery
- Reduction in time spent on repetitive tasks thanks to automated deployment and management





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About Capgemini

Capgemini is a global leader in consulting, digital transformation, technology and engineering services. The Group is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year+ heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. Today, it is a multicultural company of 270,000 team members in almost 50 countries. With Altran, the Group reported 2019 combined revenues of €17billion.

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About VMware

VMware software powers the world's complex digital infrastructure. The company's compute, cloud, mobility, networking, and security offerings provide a dynamic and efficient digital foundation to over 500,000 customers globally, aided by an ecosystem of 75,000 partners. Headquartered in Palo Alto, California, this year VMware celebrates twenty years of breakthrough innovation benefiting business and society. VMware Tanzu is a family of products and services for building, running and managing modern apps on any cloud—and continuously delivering value to customers.

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