

## VMware Modernises Apps With Tanzu

Written by Marco Attard  
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Applications are core to successful digital transformation efforts, VMware says as it announces the Tanzu portfolio for modern applications and Cloud Foundation 4 with Tanzu, the automated, turnkey hybrid cloud platform.



“Today, we bring to market a comprehensive portfolio for modern apps to help customers accelerate their pace of innovation,” the company says. “VMware gives developers the freedom to deliver apps to any cloud, remove barriers to Kubernetes adoption, and help IT administrators transform their skills in support of a new wave of modern apps.”

The Tanzu portfolio offers solutions to help customers automate the modern app lifecycle, run Kubernetes across clouds, and unify and optimise multi-cloud operations. One such service is Kubernetes Grid, a Kubernetes runtime allowing customers install and run a multi-cluster Kubernetes environment on infrastructure of choice. It includes industry-standard open source technology, is packaged for enterprise readiness, and fully supported by VMware.

Previewed back in August 2019, Tanzu Mission Control is a centralised management platform for consistently operating and securing Kubernetes infrastructure and applications across multiple teams and clouds. Operators get a single control point for consistent management across environments, and increased security and governance. Developers have self-service access to resources to get code into production faster.

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The final Tanzu offering is Application Catalog, a customisable selection of open source software from the Bitnami catalog. VMware says it is secured, tested and maintained for use in production environments, giving developers pre-packaged apps and components while enabling operators to meet the enterprise security and transparency requirements.

Meanwhile VMware Cloud Foundation 4 with Tanzu provides hybrid cloud infrastructure with consistent management for both VM-based and container-based applications. Available across diverse private and public clouds, including hyperscalers, it consists of vSphere 7 (as rearchitected using Kubernetes to run both container-based and traditional VM-based workloads), vSAN 7 (provides storage virtualisation, including File Services and Cloud Native Storage), vRealize 8.1 (provides self-driving operations and modern infrastructure automation capabilities) and NSX-T (full stack networking and security services).

VMware Cloud Foundation 4 with Tanzu also includes VMware Cloud Foundation Services, an integrated Kubernetes and RESTful API surface to enable organisations drive API access to all cores services. Optimised to run all applications, it promises a cloud operating model on-premises in a private cloud extending to public cloud, enabling developers to use the latest development methodologies and container technologies for faster time to production.

VMware Tanzu Application Catalog, Kubernetes Grid and Mission Control are available now. VMware Cloud Foundation 4, vSphere 7, vSAN 7, vRealize Automation 8.1 and vRealize Operations 8.1 (both on-premises and as SaaS) are available from May 2020.

Go [VMware Announces Expanded Portfolio of Products and Services to Help Customers Modernize Applications and Infrastructure](#)