

# VMWARE TANZU ON DELL EMC VXRAIL

Deploy the optimal infrastructure match for your Kubernetes readiness journey

## VMware Tanzu on Dell EMC VxRail



Multiple fully integrated infrastructure deployment options for your Kubernetes readiness journey



Automated resource allocation drives developer productivity



30-day synchronous release with VMware HCI software



Consistent infrastructure and operations with automated full stack LCM

Enterprises looking to develop and run the modern applications needed to keep pace with today's business demands are adopting Kubernetes to deploy and manage containers used to build those applications. Depending on your business needs, operational model, and Kubernetes expertise, you may have different requirements for the underlying infrastructure to run Kubernetes and modern applications. Dell EMC VxRail offers multiple infrastructure options that meet you on your Kubernetes journey across the core, edge, and cloud.

### VMware Tanzu on Dell EMC VxRail

In partnership with VMware, Dell Technologies has engineered multiple VMware Tanzu on Dell EMC VxRail solutions, from a flexible reference architecture to a fully automated turnkey solution, so you can adopt Kubernetes your way. Tanzu on VxRail helps make developing your cloud native strategy easy by leveraging consistent infrastructure and operations to support faster application development, scalability, and lifecycle management to ensure you are using the latest Kubernetes tools and features.

### Accelerate Adoption

Dell Technologies' curated VxRail systems come fully-integrated and ready to deploy, helping accelerate adoption of Kubernetes infrastructure. Cloud-like resource pooling, elasticity, agility, speed, and programmability accelerate Kubernetes infrastructure delivery and ensure developers always have the resources needed to deliver modern applications.

VxRail is built for, with, and to enhance VMware, enabling you to manage, scale, and seamlessly upgrade infrastructure. As your business needs grow, VxRail can easily scale by adding new nodes non-disruptively to existing clusters in as little as 15 minutes, whether you need to add compute and storage, support application development or rollout a new app into production.

### Kubernetes Your Way

With VMware Tanzu on VxRail, we deliver Kubernetes your way. Choose the infrastructure delivery option that aligns to your organization's operating model and provides the best match for your Kubernetes readiness journey.

Dell Technologies is **the ONLY vendor offering this breadth of Tanzu infrastructure deployment options.**

## Develop on a validated PaaS/CaaS platform

Customers who are looking for a reference architecture with multiple configurations, including highly available production ready.

- Purpose-built reference architecture
- Validated and Tested
- TKGI offers with PaaS and CaaS services
- Trusted, mature cloud-native architecture
- Optional Dell EMC ECS for object store



**Tanzu Architecture for VxRail (TA4V)**

## Embrace Kubernetes through vSphere

Customers who are looking for network flexibility and have minimal scaling requirements, or SDN expertise to manage Kubernetes at scale.

- Rapid, standard VxRail deployments
- Networking architecture flexibility
- Maintain existing operational model
- Fast path to getting started with Kubernetes



**vSphere with Tanzu on VxRail**

## Adopt Kubernetes on a unified cloud platform

Customers who are looking for a highly automated, turnkey on-premise cloud platform for Kubernetes at scale.

- Full automation, turnkey hybrid cloud
- SDN & security built-in and Kubernetes ready (NSX-T)
- Remote cluster support extends hybrid cloud operations to the edge



**VMware Cloud Foundation with Tanzu**

## Rapid Kubernetes Evolution

Easily evolve your Kubernetes infrastructure with VMware Tanzu on VxRail. Continuously, confidently, and predictably take advantage of evolving Kubernetes technology with VxRail automated full stack lifecycle management. Uniquely, VxRail supports heterogeneous nodes in clusters, which also apply to next generation platforms, allowing you to easily and non-disruptively evolve both hardware and software to keep pace with digital advancements. To further ensure continuous adoption of new Kubernetes tools and features we provide a 30-day synchronous release commitment which ensures lock step support for the latest VMware Kubernetes advancements.

## Flex on Demand

Payment solutions for VxRail include Flex on Demand, a pay-per-use consumption model that allows you to scale capacity up or down, with payments that rise and fall accordingly. Simply choose your baseline capacity, which is paid for at an agreed-upon rate each month, as well as buffer capacity.



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