DELLTechnologies

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.

Learn more about VMware Tanzu on Dell EMC VxRail

Contact a Dell EMC Expert

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