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 drive 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 modern applications in order to keep pace with today's business demands are adopting Kubernetes to deploy and manage containers used to build those applications. Depending on the customers business needs, operational model and Kubernetes expertise, there may be different requirements for the underlying infrastructure to run Kubernetes and modern applications. VxRail offers multiple infrastructure options that meet customers on their 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 integrated full stack solution options, from a flexible reference architecture to a fully automated turnkey solution, so businesses can adopt Kubernetes their way. Tanzu on VxRail helps make a cloud native strategy easy by leveraging consistent infrastructure and operations to support faster application development, scalability, and lifecycle management that ensures they are using the latest 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 ensuring developers always have the resources needed to deliver modern applications.

Because Dell EMC VxRail is built for, with and to enhance VMware, IT can manage, scale and seamlessly upgrade infrastructure keeping clusters in secure, validated states, with operational automation allowing them to focus on higher-value business tasks. As business needs grow, VxRail can easily scale with non-disruptive additions of new nodes to existing clusters in as little as 15 minutes, whether to provide additional compute and storage to support application development or to roll a new app out into production.

Kubernetes Your Way
With VMware Tanzu on Dell EMC VxRail, we deliver Kubernetes your way so you can choose the infrastructure delivery that aligns with 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 arch
- Validated and Tested
- TKGI offers 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 DTCP to the edge

VCF with Tanzu on VxRail (Dell Tech Cloud Platform)

Rapid Kubernetes Evolution

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

Dell Technologies on Demand (DTOD)

Transform how you consume technology to enable you to focus on strategic objectives. Dell Technologies On-Demand (DTOD) offers consumption-based and as-a-service delivery models, providing organizations with greater choice, flexibility, and predictable outcomes.

Learn more about VMware Tanzu Architecture on Dell EMC VxRail

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