VMware Cloud Foundation on Dell EMC VxRail

CLOUD FOUNDATION ON VXRAIL, THE FOUNDATION FOR DELL TECHNOLOGIES CLOUD PLATFORM, DELIVERS THE SIMPLEST PATH TO HYBRID CLOUD WITH CONSISTENT OPERATIONS AND INFRASTRUCTURE

Cloud Foundation on VxRail

FULL STACK INTEGRATION

AUTOMATED KUBERNETES INFRASTRUCTURE DEPLOYMENT

CONSISTENT OPERATIONS AND INFRASTRUCTURE

AUTOMATED END-TO-END LIFECYCLE MANAGEMENT

INTRINSIC SECURITY

DEPLOYMENT FLEXIBILITY

Continuous innovation and joint engineering across VMware and Dell EMC ensure Dell EMC VxRail, the digital native infrastructure foundation for the Dell Technologies Cloud, empowers customers to unlock innovation, foster operational freedom and evolve predictably.

Better together with full stack integration delivers one, complete, seamless user experience

Full stack integration with Cloud Foundation on VxRail means both HCI infrastructure layer and VMware cloud software stack lifecycle are managed as one, complete, automated, turnkey hybrid cloud experience greatly reducing risk and increasing IT operational efficiency.

Ready, Set, Develop: The hyperconverged infrastructure platform for any app, anywhere
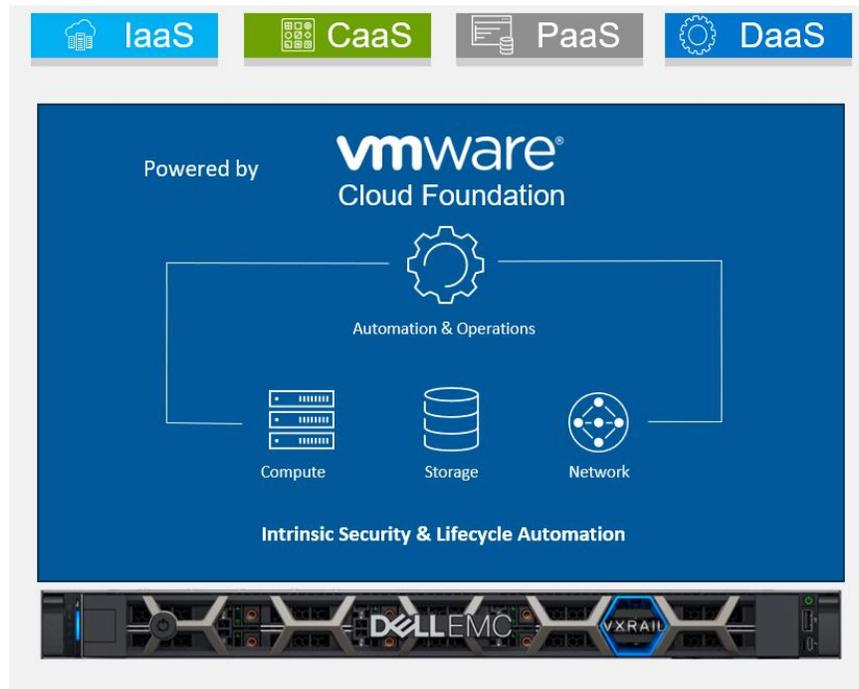
VMware Cloud Foundation on Dell EMC VxRail enables organizations to run traditional workloads alongside cloud native container-based applications, eliminating dev-ops silos and sprawl. VMware PKS on Cloud Foundation on VxRail is the optimal choice for customers looking for a transformational multi-cloud solution to develop, deploy, and host traditional and cloud-native apps on the same hyperconverged platform.

Simplest path to hybrid cloud with consistent infrastructure and consistent operations

Cloud Foundation on VxRail delivers a consistent infrastructure and consistent operations with edge, private and public cloud workload deployment options for a true hybrid cloud solution, while allowing businesses to maintain flexibility of networking and topology. For more simplified cloud deployment, Cloud Builder is a standardized automation tool that has been engineered to integrate with VxRail for deploying and configuring Cloud Foundation according to VMware's SDDC standardized architecture.

Intrinsic security at every level

Intrinsic security at every layer of the stack ensures unified security and networking policies across the organization and enables organizations to rapidly and confidently identify, protect, detect, respond, and recover. With NSX-T consistent security and networking policies are extended across the infrastructure. Full-stack integrity between VCF and VxRail ensures the ability to rapidly and securely update and patch from one known good state to the next, which is critical in fast paced dev-ops environments.

Unique Integration found in no other VMware Cloud Foundation offer

VxRail HCI system software includes unique integration between SDDC Manager and VxRail Manager that combines operational transparency with automation, support, and serviceability capabilities not found when deploying VMware Cloud Foundation on any other infrastructure.

Choice of infrastructure deployment options

With VMware Cloud Foundation on VxRail, enterprises now have the choice of flexible infrastructure deployment and networking options by getting VxRail delivered as an integrated rack system with integrated networking or a cluster of appliances that leverages the customer's choice of network infrastructure.

Dell Technologies Cloud

Dell Technologies Cloud is the operational hub for your hybrid cloud and includes components of the wider Dell Technologies Portfolio to more accurately meet your business needs, today and in the future. It provides the flexibility of deploying applications in the right cloud – whether in a private cloud that is fully under your control, a public cloud that provides the efficiency of a shared-resource infrastructure, or at the edge so that data can be processed and stored close to its creation. Choose the right approach to suit your business need and ensure the best experience possible with the only cloud platform on the market that is jointly engineered by Dell Technologies and VMware - based on VMware Cloud Foundation.

Learn more about HCI for Kubernetes

Contact a Dell EMC Expert

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