DELL EMC DATA PROTECTION AND VMWARE TANZU

Dell EMC Data Protection and VMware Work Together to Revolutionize Modern Applications

The traditional application development and deployment models that defined the business of yesteryear has given way to a new wave of flexible and agile applications that allow businesses to quickly respond to the rapidly changing needs of today's technological landscapes. This response is driving cloud strategies with organizations pursuing hybrid and multi-cloud strategies. A big part of the strategy is the adoption of cloud native solutions whereby container-based applications are the choice of application developers to meet the agility of the business. The most predominant method to orchestrate the container environment is with Kubernetes. As the adoption of Kubernetes grows, Dell EMC is in lock step innovating along the way. Today, 80% of those Kubernetes workloads are being placed in VMware virtual machines.

Dell EMC, VMware, Tanzu and Cloud Native Storage

Dell EMC and VMware work together to create a superior and unified platform from which organizations can build, run, manage, and protect their business. VMware offers the most flexible portfolio of modern applications products and services that drive real business outcomes. Dell EMC empowers developers and application owners to protect their critical workloads, enabling a fully automated and consistent protection scheme in production, while offering cross platform and cloud protection management. The integration with Dell EMC and VMware delivers data protection for customers building modern applications. Dell EMC understands the importance of providing consistent, reliable, and performant data protection across all three of these pillars. Dell EMC’s Data Protection is integrated with VMware to create the future of modern application protection.

Recently, VMware Tanzu portfolio of products and services transforms the way the vAdmin builds applications on Kubernetes. As part of this strategy, VMware released vSphere 7.0 with native Kubernetes functionality and VMware Cloud Foundation 4.0. In conjunction, Dell EMC enables the additional protection of Tanzu Kubernetes Grid (TKG) in VMware Cloud Native Control Plane.

As part of VMware and Dell EMC’s innovative collaborative partnership is Project Velero. Velero is designed as one of the basic tools that works with Tanzu to safely backup, restore, and migrate Kubernetes cluster resources and persistent volumes. Dell EMC builds on Project Velero controller capabilities’ and provides enterprise grade features into PowerProtect Data Manager. In addition to providing advanced features, Dell EMC builds on Project Velero controller capabilities’ and provides enterprise grade features into PowerProtect Data Manager. In addition to providing advanced features,

PowerProtect Data Manager

PowerProtect Data Manager can be paired with PowerProtect DD Series Appliances or existing Data Domain systems for scalable backup and restore of Kubernetes applications. Data Manager is the first and only scalable data protection solution for VMs, applications, and Kubernetes in a single platform. PowerProtect Data Manager enables the discovery, protection and management of production workloads in Kubernetes environments and protects production and dev/test workloads to ensure that the data is easy to backup and restore. Also, Dell EMC’s data protection integration with vSphere empowers vAdmins to provision, monitor and manage the protection of their Kubernetes workloads. In addition to Kubernetes workload data protection, Dell EMC’s PowerProtect Data Manager enhances VMware support, adds a new public cloud environment to Cloud DR, facilitates management for multi-Data Manager environments, and provides other improvements to make it easier for customers to protect and recover data.

The powerful combination of Dell EMC and VMware’s jointly engineered products delivers greater value to our customers to maximize and protect their IT investment now and into the future. Every organization needs to be a digital organization, powered by data, running in a hybrid or multi-cloud world. Wherever you are on your digital journey you can still propel your organization even further down this track. VMware and Dell Technologies can help you modernize your infrastructure and secure your most critical assets. With Dell EMC data protection solutions and VMware, the future is here. Learn more at www.dell EMC.com/dataprotection.