

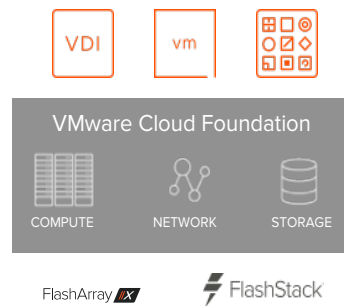
## SOLUTION BRIEF

# VMware Cloud Foundation on Pure

Simplify and optimize your hybrid cloud.

VMware Cloud Foundation (VCF) on Pure provides scalable, effortless, and cost-optimized infrastructure for your hybrid or private cloud environment. With VCF deployed on Pure Storage® FlashArray™ or FlashStack™, you can eliminate workload-based silos and simplify ESXi infrastructure management while supporting VM and container-based applications, delivering a modern data experience, and accelerating time to market.

## Simplify VCF Management

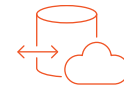


enables you to address tenant limits and noisy neighbor issues.

Save hours to days for ESXi software updates and non-disruptive storage updates delivered via the Pure1® cloud through FlashArray Workload Domain. Natively manage your storage directly within the vSphere Client. The FlashArray architecture flexibly and cost-effectively accelerates vSphere ESXi node upgrades and high-availability recovery times, while removing the wait for data balancing between storage nodes. For faster troubleshooting, Pure1 VM analytics delivers comprehensive performance insights into your entire stack up to the VM level.

## Optimize Data Center Resources

Eliminate silos optimized around availability, cost, or performance, and consolidate workloads on scalable, disaggregated infrastructure. FlashStack breaks down



### Simplify VCF Management

Automate VM upgrades and lifecycle management with fast, effortless, always-on storage.



### Optimize Data Center Resources

Eliminate silos and reduce hardware costs by consolidating workloads on disaggregated infrastructure.



### Deploy VCF on Any Fabric

Gain the flexibility to deploy VCF on Fibre Channel or Ethernet fabrics.



### Automate and Protect Your Cloud

Reduce time-to-market through deep integrations with VMware automation tools and Kubernetes. Get the highest level of protection.

hardware silos by providing dynamic, resizable software-defined storage pools required for mixed workloads vs. a modular hyperconverged architecture. This differentiated architecture, enabled by Pure's industry-leading data efficiency and high performance, enables you to save significantly on hardware costs so you can increase your investment in innovation. Your workloads can now share a single storage platform that's optimized for cost, performance, and availability. Reduce compute resource requirements by up to 25% CPU offload and 75% storage needs when using FlashStack vs. traditional hyperconverged infrastructure. (Source: Pure Storage TCO Tool.<sup>1</sup>)

## Deploy VCF on Fibre Channel Fabric

FlashArray and FlashStack enable you to run VCF on Fibre Channel, in addition to iSCSI and other VMware-supported protocols. New applications and workloads require low-latency fabric infrastructure for the fastest result. FlashStack architecture creates a high-performance infrastructure for the most demanding users and workload profiles. Deploying the Cisco Unified Fabric with a Pure Storage all-flash array can reduce latency, introduce powerful metrics around workload performance, and accomplish more work. In data centers, the cost structure of moving to a new fabric is cost-prohibitive, but Pure provides investment protection with the flexibility to deploy VCF on the fabric of your choice.

## Automate and Protect

Pure's deep, comprehensive integrations with VMware automation tools provide the flexibility to your choice of tools and reduce time to market, without the need for additional devices, software apps, or utilities. FlashArray integrates natively with VMware vRealize Suite and VMware Enterprise PKS to enable self-service IT and automate persistent storage delivery to containerized applications. By automating the deployment of arrays, VMs, and container-based applications, VCF on Pure significantly optimizes resource time, speeding your time to market.

Finally, Pure's built-in ActiveCluster™ technology, certified with VMware Metro Storage Cluster, provides zero RPO and RTO, the highest level of business continuity. Meanwhile, support for VMware Site Recovery Manager extends disaster-recovery protection across your private- and hybrid-cloud environments.

"I tell any department that has a new application that if they want the best performance, they should virtualize it and run it on Pure Storage."

— Jason Pearce, Director of Information Systems, Riverview Health

## Delivering a Modern Data Experience for Your Hybrid Cloud

VCF on Pure gives you a simple, cost-optimized, and flexible platform that empowers infrastructure administrators and accelerates innovation. Subscribe to future-proof innovation with Pure through the Pure-as-a-Service OPEX consumption model<sup>2</sup> or Evergreen Storage™, while gaining 24x7 end-to-end visibility and predictive support with Pure1 AI cloud-data management.

<sup>1</sup> Your individual results may vary.

<sup>2</sup> OPEX treatment is subject to customer's auditor review.