

# THE DATA PLATFORM FOR PRIVATE CLOUD

Simplify cloud with integrated virtualization, automation, and orchestration



## 100% VIRTUALIZED

Virtualize all your apps and accelerate



## 100% CONSOLIDATED

Get storage capable of handling all your workloads



## 100% AUTOMATED

Integrate easily, and then let our storage manage itself



## 100% SELF-SERVICE

Storage that's flexibly on-demand for your cloud-model IT

## A CLOUD-MODEL FUTURE

Across industries, cloud computing is changing the way business does business. IT managers now need systems and applications that are simple, elastic, and on-demand. They need infrastructure that incorporates virtualization's significant advantages – in terms of consolidation, efficiency, data security, and management – while delivering resilience, high-performance, and easy scale. Innovation must be continuous, and flexibility is key.

In a cloud-model IT world, the public cloud may appear to be the simplest answer, but it is not necessarily the most reliable, secure, or cost-effective. Private cloud can offer better performance, better data security, and lower cost. Pure Storage all-flash solutions are the key element in this model of private cloud for business – delivering all the performance, resiliency, and security necessary for private cloud.

With Pure, you get the performance to virtualize and consolidate all of your enterprise workloads, the Tier 1 data services to ensure your data is always safe and available, and the management integration required for automation, self-service, and orchestration. Integrations with VMware vRealize, Microsoft System Center, OpenStack, and Cisco CloudCenter – as well as our purpose-built FlashStack™ solution – help you deploy private cloud more quickly and easily to maximize cloud investments and productivity.

## FASTER ORCHESTRATION AND VIRTUALIZATION

Whatever your choice of virtualization environment, Pure delivers storage that integrates seamlessly – offering simple management and extensive automation with your hypervisor of choice.

## REALIZE PRIVATE CLOUD WITH VMWARE

The VMware vRealize Suite provides the foundation for constructing a private cloud with a GUI-based orchestration engine called vRealize Orchestrator™ (vRO). Pure Storage offers a FlashArray plugin for vRO that tightly integrates FlashArray provisioning and management with minimal effort. Features like inventory synchronization, built-in workflows, and actions provide most functionality right out of the box.



## PRIVATE CLOUD VIA SYSTEM CENTER

Virtualize your data center and improve business agility with cloud-ready Hyper-V. Manage your VMs with SCVMM, SMI-S integration, and automate processes with our extensive PowerShell Toolkit. Pure Storage solutions integrate seamlessly to speed you on your way.



## CLOUD-ERA FLASH

### EFFORTLESS

Our solutions are always-on, and always fast. They're ultra-reliable and plug-n-play simple, with cloud-based management, predictive analytics, and unrivaled support and protection.

### EFFICIENT

You save 10x on space while gaining 10x in speed. And your workloads are protected with service assurance: high mixed workload performance, and full performance even through failures and upgrades. No more tuning of anything – ever.

### EVERGREEN

The only storage that gets better with age. Tired of forklift upgrades and maintenance extortion? Buy your TBs once, never rebuy them again, and never go through a disruptive migration. Expand capacity, performance, and features independently as you get value from your storage for a decade or more.

## MULTIPLE OPTIONS FOR OPENSTACK CLOUD

Pure Storage offers a variety of integration methods for OpenStack: Our Cinder driver helps you speed integration and makes your cloud deployment simpler, faster, and more resilient. Our Pure Storage Python Automation Toolkit extends functionality beyond Cinder with advanced storage features like snapshots, replication, and capacity management. For full customization and access to 100% of FlashArray's advanced storage features, our comprehensive REST API allows you to automate FlashArray management in OpenStack.

Finally, Pure's partnership with Breqwatr enables you to unleash the power of OpenStack in your data center faster with a turnkey, on-premises cloud. Get easy cloud accessibility – without complexity or compromise. Combining the latest in compute, network, and Pure Storage hardware with a curated distribution of OpenStack, Breqwatr Cloud System is a turnkey Infrastructure-as-a-Service solution that reduces overall IT costs, reduces risk, and improves operational efficiency.



## FLASHSTACK: YOUR TURNKEY PRIVATE CLOUD SOLUTION

Besides software integrations with all the major virtualization platforms, Pure Storage has partnered with Cisco to develop the FlashStack converged infrastructure solution. With industry-leading components from Cisco and Pure Storage, FlashStack is a turnkey solution for private cloud. Deploy easily and enjoy effortless operation with a single point of contact for any support needs.

### FEATURING CISCO VALIDATED DESIGNS

Get FlashStack in a Cisco Validated Design – the gold standard in reference documentation for infrastructure solutions. Each CVD has been comprehensively tested and documented by Cisco engineers to ensure faster, more reliable, and fully predictable deployment.

### AVAILABLE IN YOUR SIZE

FlashStack scales all the way to 160 servers and over a petabyte of storage in a full rack – easily and without disruption. Now you can deploy your private cloud in the size you need and grow it easily along with your business.



[sales@purestorage.com](mailto:sales@purestorage.com) | 800-379-PURE | @purestorage

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