



StorPool
DISTRIBUTED STORAGE



apachecloudstack
open source cloud computing

StorPool Storage powering Apache CloudStack Environments

An Automated Cloud to Rival the Hyperscale Service Providers

Cloud builders – Managed Services Providers, Hosting Services Providers, Cloud Services Providers, Enterprises, and SaaS Vendors – are always seeking ways to optimize the architecture and cost of their public and private cloud deployments. Many businesses choose Apache CloudStack to deploy and manage large networks of virtual machines as a highly available, highly scalable Infrastructure as a Service (IaaS) cloud computing platform.

With Apache CloudStack and StorPool Storage, companies can deploy a highly automated cloud that delivers the application performance and reliability their users need while easily addressing changes in user requirements over the long term.

Apache CloudStack and StorPool Storage Advantages

Accelerate Applications



Support latency or IOPS-sensitive applications such as databases and analytics while still supporting less performance-critical workloads from the same storage backend.

Reduce Vendor Lock-in



Deploy, upgrade, and grow an environment by using cost-efficient commodity hardware.

Simplify Operations



Reduce the time required for operational tasks, allowing faster introduction of new services, and easier employee onboarding and training.

Experience End-to-End Automation



Native integration brings seamless management of your virtual infrastructure from the CloudStack user interface.

Reduce Outages



Eliminate outages caused by hardware failure and human errors during tedious manual tasks while protecting systems from downtime and loss of data.

Solve Staff Bottlenecks



With fully managed Storage-as-a-service, StorPool will manage the tedious work of deploying, managing, and updating storage, so customer teams can focus on their core business.

Have an Always-On Environment



Non-disruptively deploy software updates, patches, and hardware swap-outs, practically eliminating painful maintenance windows.



Our experience with StorPool has been outstanding. We have saved substantial time managing operations and have experienced zero downtime. The solution is an excellent value for money and the team we work with is very professional and goes the extra mile in addressing any concerns we have.

Imtiaz A Khan CTO, RapidCompute

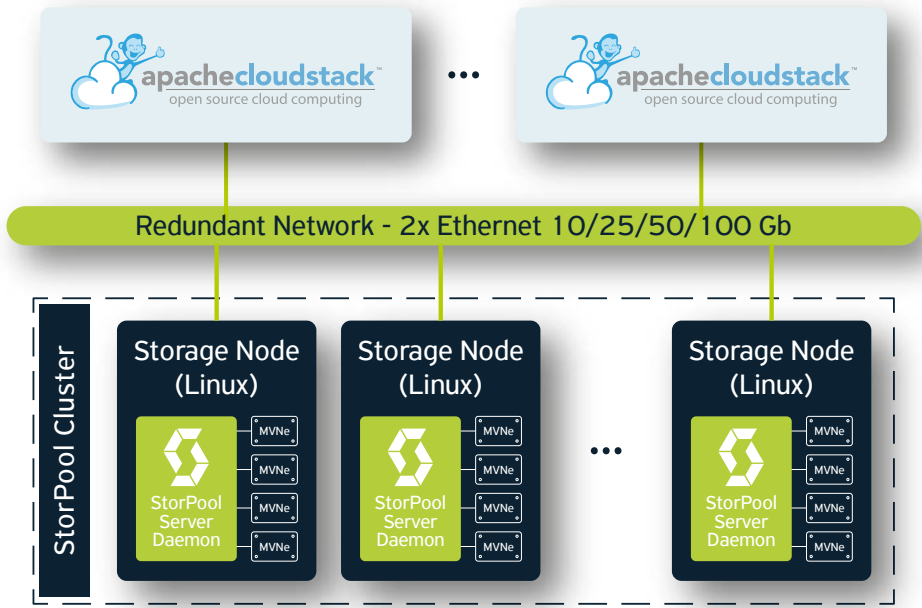
StorPool Storage Seamless Integration with CloudStack

StorPool Storage integrates tightly with Apache CloudStack to allow seamless use of the StorPool Storage system through the CloudStack GUI, CLI, and API interfaces.

StorPool integration enables cloned provisioning, instant snapshots, thin provisioning, and backup, disaster recovery, and Quality of Service (QoS) policies per virtual disk or virtual machine (VM). Common management tasks such as cloning VMs, managing snapshots, provisioning VMs, or changing retention or encryption policies can all be handled through the standard CloudStack workflows.

With StorPool, VM provisioning is nearly instantaneous, and data placement policies and other settings can be changed dynamically to address changes in user requirements.

With the deep integration between the two systems, CloudStack administrators can stay within their CloudStack environment and stick to CloudStack workflows, knowing that the interactions with StorPool are completely automated.



Apache CloudStack

CloudStack is a turnkey solution that includes the entire "stack" of features most organizations want with an IaaS cloud: broad hypervisor support, compute orchestration, Network-as-a-Service, user and account management, resource accounting, a full and open native API (RESTful), and a first-class User Interface.

StorPool Storage

StorPool Storage is a fully managed solution and is ideal for storing and managing the data of workloads that demand extreme reliability and low latency - databases, web servers, virtual desktops, real-time analytics, and mission-critical applications. Compared to traditional SANs, all-flash arrays, and other software-defined storage solutions, StorPool Storage is faster, more reliable, and scalable due to its distributed architecture. StorPool is designed from the ground up to provide cloud builders and virtual environments with the fastest and most resource-efficient storage software on the market.



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