



StorPool
DISTRIBUTED STORAGE



StorPool Storage Powering OpenNebula Environments

Scalable, Flexible, and Manageable High-Performance Clouds from StorPool and OpenNebula

Simple to deploy, manage and grow, OpenNebula has become a leading cloud management platform. And, by adding StorPool block data storage as the storage layer IT organizations can build high-performance, highly efficient hyperconverged clouds. StorPool and OpenNebula joined efforts and technologies to help teams build simple, efficient, and high performance clouds. Everyday workflows become automated, such as, when a virtual machine (VM) is created in OpenNebula StorPool will automatically create a new volume and connect it to the VM.

Cloud builders choose OpenNebula for its simplicity, versatility, and cost effectiveness. With the addition of StorPool Storage, OpenNebula users maintain those advantages while they gain incredible performance, always-on reliability, and StorPool's legendary Fully Managed Services supporting their operations.

Software Defined Storage Built for Modern IT

Building Clouds with OpenNebula and StorPool Storage allows you to:



Accelerate Applications

Support latency or IOPS-sensitive applications such as databases and analytics from a single storage backend.



Built-In Disaster Recovery

Plan, configure, test, and failover when necessary, all without ever leaving the OpenNebula management interface.



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

Manage your virtual infrastructure from the OpenNebula user interface, scripts, and automated workflows.



Reduce Outages

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



Reduce Vendor Lock-in

Deploy, upgrade, and grow an environment by using cost-efficient commodity hardware and common open-source software such as Linux KVM Virtualization.



Have an Always-On Environment

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



Solve Staff Bottlenecks

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



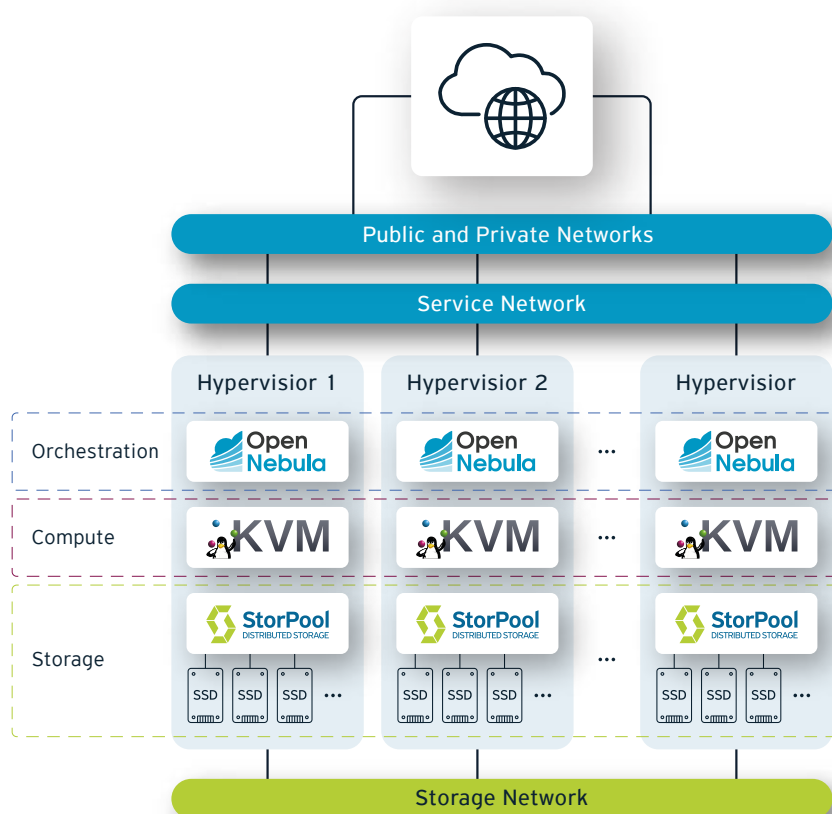
If you want to build a HyperConverged Infrastructure based on OpenNebula, the safest and best step is to use OpenNebula in conjunction with StorPool. The StorPool add-on to OpenNebula is the best, hands-down OpenNebula add-on from the community.

Constantino Vázquez COO, Head of Research — OpenNebula

StorPool and OpenNebula Working Together to Ease Operations

StorPool and OpenNebula joined efforts and technologies to build a simple, efficient and high-performance cloud model. This hyperconverged cloud uses standard servers and networking, and every server within the cloud combines computing, storage and virtual networking functions within KVM virtual machines to achieve extreme performance with high efficiency and simplified management.

With StorPool's tight integration with OpenNebula, everyday workflows like volume creation, snapshots, restores and more can all be managed from OpenNebula's GUI, command-line interface, or automated workflows. StorPool engineers built an OpenNebula add-on module that flows OpenNebula storage requests directly into StorPool to eliminate most manual storage operations.



OpenNebula

OpenNebula is a powerful, but easy-to-use, open source platform to build and manage Enterprise Clouds. OpenNebula provides unified management of IT infrastructure and applications, avoiding vendor lock-in and reducing complexity, resource consumption and operational costs. OpenNebula combines virtualization and container technologies with multi-tenancy, automatic provision and elasticity to offer on-demand applications and services.

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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