StorONE S1
Virtual Appliance Solution

FINALLY HERE

The wait for a software-defined storage technology that delivers enterprise class performance, complete data protection with no performance degradation and lower costs than the cloud is finally here… and it runs in a simple virtual machine that can connect to all your initiators!

S1 from StorONE is what the industry has been promising for the last decade but never delivered: a ground-breaking advance in storage technology that out performs virtually any other storage solution on the market at a fraction of the price of an AFA.

With StorONE-S1, you can build a world class, hardware- and hypervisor-agnostic storage infrastructure featuring the latest data protection capabilities, all at an affordable price of less than $0.01 per gigabyte. Densities of up to 368TB SSD in 2U JBOD or up to 1.5 PB HDD in a single JBOD footprint are possible, and all capacity is fully and concurrently usable by any mix of blocks, files and objects, any mix of workloads. S1 is universal, flexible and affordable, whether you are building a Global 2000, public cloud infrastructure, or a platform to support your business.

Based on 50 original patents from the same engineering team that created revolutionary in-line compression technologies at the beginning of the millennium, S1 Storage is another breakthrough. The secret is software.

With S1 Storage, there is no sacrifice in terms of resiliency or data protection. S1 offers persistent integrity and unlimited snapshots with no performance degradation: just what the doctor ordered for protecting data and ensuring availability to support your most mission critical business apps.

S1 Storage is a software product that runs even in a single VM, leveraging the available CPU and memory of a typical server, without costly upgrades, to deliver IO throughput and latency numbers that rival 'tier one' storage products from brand name vendors. External iSCSI and Fibre Channel initiators, either ESXis or physical machines are supported as well. For the first time, a VM storage solution can be your last and only storage system.

StorONE has designed S1 Storage to eliminate all of the choke points that exist in other hardware and software controllers and obviates the need for complex memory caches and battery backups that are the bane of scalability and affordability in storage today, especially in the virtual environments.

Plus, S1 Storage is a silo buster. Most software-defined storage platforms lock their users into either a specific hardware kit or hypervisor choice, creating silos that make resources and data difficult to share. Gartner reports that silo'ed software-defined storage has reduced overall enterprise capacity utilization efficiency by as much as 10 percent over the past 10 years. With hundreds of new Zettabytes of new data expected by 2024, you are going to need every byte of capacity you can glean from your storage infrastructure. Only Total Resource Utilization (TRU) Storage makes that possible.

S1 Storage is a game changer: a strategic technology for building and growing enterprise storage infrastructure that captures CAPEX adding software-defined and attacks the operational costs of storage that relate to resource administration hassles, periodic forklift upgrades and downtime, data migration, and data backup and preservation.

Most of the administrative functions of storage are configured with a few mouse-clicks with S1 Storage and are mostly autonomous going forward. Between the universal hardware support and built in data management features, TRU Storage makes it possible to bend the storage cost curve at long last.

With TRU Storage, you can implement infrastructure at your own pace. All it takes is a license and a spare VM. Why not try it out today? Contact a StorONE representative and see what has everyone excited about S1 Storage.

UNIFIED ENTERPRISE STORAGE SOFTWARE with IMMEDIATE ROI

S1 STORAGE FROM STORONE AT A GLANCE

S1 Storage delivers capabilities that you won't find anywhere else including:

- Support both internal VMs and External iSCSI and Fibre Channel initiators, either ESXis or physical machines

- Universal support for all hypervisors

- Start with a single VM and scale out from there

- No need to protect memory with external hardware or memory replication

- Specify the number of drive failures permitted per volume

- No need to reinstall ESXi when loading S1 Storage software

S1 STORAGE BLOWS THE SOCKS OFF COMPETITORS WITH

- Higher performance results: Higher IOPS, lower latency, and faster throughput

- No upgrades required to implement S1 software, standard server memories and CPU are adequate

- Complete data protection with unlimited snapshots, N+K scheme per volume

- Group snapshots created via consistency groups

- Persistent integrity without the need for battery backup

- Support for all drive types

- High density configurations possible

- Pricing for S1 Software Defined Storage $0.01/GB

Bottom Line:

StorONE S1 Storage is a revolutionary storage software product that breaks through currentstorage limitations.

StorONE – HA Virtual Appliance

UNIFIED ENTERPRISE STORAGE SOFTWARE with IMMEDIATE ROI