



**StoneFly, Inc.**  
The Original Innovator  
of the iSCSI Protocol

# Enterprise-Grade Features of StoneFly vSAN

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StoneFly vSAN solution is powered by our 8th generation patented storage operating system. With over a million lines of code, the powerful storage OS runs as a virtual storage appliance on industry standard hypervisors such as VMware, Hyper-V, KVM & Citrix (XenServer) facilitating effective storage utilization and delivering advanced storage virtualization services.

In order to ensure a great value-for-money experience, StoneFly vSAN offers the following enterprise-grade data services and features

Note: Supported data services and features vary depending on chosen licensing options.

## Brief List of StoneFly vSAN Features

**Block-Level Deduplication** - Reduce data storage footprint by removing unnecessary copies of data and optimize your storage usage experience.

**Immutable Snapshots** - Configure mountable, read-only and delta-based snapshots that ensure data recovery in the event of a ransomware attack, malware or virus infection, accidental or malicious deletion, etc.

**Replication** - Replicate to multiple appliances or multiple sites (cloud + on-premises) in real-time or schedule replication jobs to effectively use available network and bandwidth without compromising performance during work hours.

**Thin Provisioning** - Repurpose available storage capacities and provision storage faster for new projects, applications and teams.

**Automated Volume/Storage Expansion** - Seamlessly provision additional storage resources for new or existing vSAN volumes. StoneFly vSAN solutions are capable of supporting & scaling to virtually unlimited storage capacities.



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**Snapshot Schedule Utility** - Never forget a snapshot again with our snapshot schedule utility that lets you automate the process with pre-defined policies. This ensures that your snapshots are recent and available when you need them.

**Hardware-Enabled Volume Encryption** - Protect your vSAN volumes with high secure and state-of-the-art data encryption technology that employs hardware-enabled encryption for that extra security that your business-critical workloads need.

**Flash Cache SSD Caching** - Leverage your flash drives (SSDs) and enhance read-write speeds (IOPS) with our Flash Cache technology by configuring a frontend cache for frequently used workloads.

## Get Started Today with StoneFly vSAN

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To get a free trial, visit StoneFly website or contact our pre-sales engineers. You don't need your credit card to get a free trial of our full featured vSAN solution.

To purchase StoneFly vSAN licenses, Contact StoneFly sales:

Email: [sales@stonefly.com](mailto:sales@stonefly.com)  
Phone: +1 (510) 265-1616  
Website: [www.stonefly.com](http://www.stonefly.com) | [www.iscsi.com](http://www.iscsi.com)