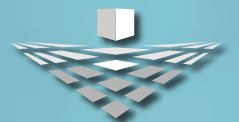Using StoneFly SCVM™ to

Deploy
a complete
Business Model
in the Cloud

Effortlessly integrate the cloud with your existing infrastructure and leverage the mobility and convenience of the cloud with a single tool that enables businesses to Store, access, manage, protect and control enterprise workloads.

STONEFLY

Build your business in the Cloud

Conventionally, businesses have to spend large amount of money and wait six months to setup their desired storage infrastructure. The setup process may consume even more time and additional resources. To simplify the process and empower businesses around the globe, StoneFly offers an innovative **All-in-One** software based solution - SCVM™ .

With StoneFly SCVM™ businesses can setup storage, backup and disaster recovery in the cloud. With SCVM™ enterprise IT environments can manage, protect, and secure their data. SCVM™ makes it simpler to integrate and orchestrate data whether - it's on one cloud or many - it's on on-premises infrastructure or on a combination of on-premises and the cloud.

In order to facilitate businesses, StoneFly offers a very simple payment process. We charge for the storage capacity and a commitment with us, doesn't push you into a vendor lock-in. StoneFly provides flexibility and enables customers to setup month-to-month contracts. The customer can opt-out of their contract whenever they wish.

IT environments can deploy SCVM™ and integrate cloud technology with their existing infrastructure. Businesses can choose to setup storage, backup and disaster recovery in the public cloud of their choosing. With SCVM™ setup as a storage gateway, businesses can integrate public clouds like Microsoft Azure, Amazon Web Services, Google and other public clouds. Businesses can also integrate StoneFly's private cloud with their infrastructure using SCVM™.

Simplicity & Agility for the Enterprise - with SCVM™

Enterprises can leverage SCVM™ for a number of use-cases. For instance, legacy applications that need and demand file level storage can effectively utilize SCVM™. Enterprises conventionally deal with file-level data while cloud storage is block-level storage. Instead of dealing with the complexity of translating file-level data to block-level before moving it to the cloud, businesses can simply leave that to SCVM™. SCVM™ makes the process simpler and the end-user does not feel the difference between using cloud storage versus local storage.

Working with file-data is faster and simpler compared to managing and using object-data. There are distinct advantages to it. For instance, the lift-and-shift businesses can certainly put that agility and simplicity to good use. Similarly, Oil and Gas industries store their seismic data in file-level storages and CAD/CAM applications demand file as well. Likewise, Oracle databses run incredibly fast on file-data. Verily, file-level storage is not to be discounted.

SCVM™ provides a full-service. It accommodates all kinds of workloads and all kinds of businesses while maintaining a balance between high performance and cost effectiveness.

Enterprise-level Features of StoneFly SCVM™

Multi-protocol Support - NFS and CIFS/SMB

SCVM™ supports multiple standard protocols like NFS, CIFS/SMB, AFP and iSCSI; facilitating businesses to use cloud technology as a highly available storage for all kinds of applications and workloads.

Dually Scalable Performance and Capacity

SCVM™ enables users to scale-up or scale-down capacity and performance. This in turn makes SCVM™ flexible enough to accommodate all kinds of businesses ranging from SMBs to Large enterprises dealing with genome sequencing, relationational databases, data warehouses at the high end, big data etc.

With SCVM™, users can choose to run volumes at the basic service level on week days and then ask for increased performance during the weekends, through an API.

Cloud Storage Gateway - Public & Private Clouds

SCVM™ can be setup as a cloud storage gateway to Microsoft Azure, Amazon Web Services (AWS) and other public clouds including StoneFly's private cloud. Businesses can easily integrate cloud technology with legacy infrastructure without having to bear unnecessary CapEx and OpEx costs. With SCVM™ businesses can not only keep costs in check but they can easily deploy and setup their business in the cloud.

Enhanced Data Security - Data Encryption

In order to deliver enterprise-level data security, SCVM™ utilizes AES 256-bit encryption for the data at rest (before and after transit). SCVM™ also secures data at transit with SSL/TLS tunneling technology. The encryption prevents unauthorized access to important data. If used right, the technology can completely eradicate the possibility of a data breach because even if the data is somehow hacked or maliciously accessed, without the right encryption key it cannot be decrypted.

Integrating SCVM™ with your IT Infrastructure

Transform Legacy Infrastructure into a Hybrid Solution with SCVM™ cloud connect services to public clouds like Microsoft Azure or Amazon Web Services (AWS).

Easily manage existing resources with a simple GUI that can be accessed via browsers (Google, Firefox etc.) with advanced reporting and customizable options.

vmware
Microsoft Hyper-V

To facilitate all kinds of enterprise IT environments SCVM™ supports mainstream hypervisors like Microsoft Hyper-V and VMware ESX/ESXi.

With SCVM™ businesses can setup NAS storage(s) in the cloud with multiple hosts and data services like online migration, encryption, snapshots, unlimited volume creations and more.

Setting up Block storage in the cloud is simple with SCVM™. IT environments can easily access and use SAN resources deployed in the cloud similar to local resources. SCVM™ delivers iSER, iSCSI and Fibre Channel protocl support for cloud block storage.
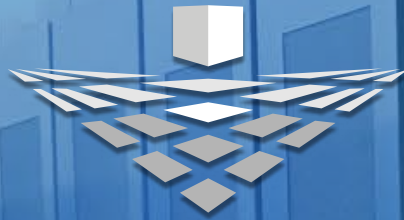
Instead of setting up expensive infrastructure and bearing CapEx and OpEx costs, businesses can use SCVM™ to migrate production data to the cloud while keeping application data changes synchronized. This provides businesses the flexibility to move to the cloud at their pace without downtime and disruption.

The integration of SCVM™ enables businesses to reduce the overall costs of their storage solutions by 60%.

Don't take our word for it, try out SCVM™ and experience the enterprirse-level solution yourself. Give us a call or send us an email and schedule a demo.

STONEFLY

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