StorTrends Solutions for Hybrid Cloud

As global organizations consider hybrid cloud solutions, the convergence of private and public cloud is steadily becoming a more attractive model for SMB and SME companies. Hybrid cloud solutions are becoming more prominent storage architectures, as such, the importance of reliability, security and storage features become crucial for the foundation of the infrastructure.

Hybrid clouds, by their definition, combine the aspects of private and public clouds in order to create a flexible and secure environment. Appropriate shared storage provides enhanced management, reliability, and security measures. StorTrends offers flexible options for increased reliability, failover, and encrypted replication for secure data transfer between clouds.

Benefits of Hybrid Cloud with StorTrends

There are 3 primary benefits that users can experience by implementing a StorTrends Hybrid Cloud Solution: cost savings, business flexibility, and data security.

Cost Savings

By implementing StorTrends units into a hybrid cloud environment, businesses will reduce overall capital expenditures as a portion of the infrastructure is outsourced and managed by the public cloud provider. Additionally, temporary or annual projects – such as tax season for tax service providers or school registration for education systems – can utilize the resources in the public cloud to remove the need for expensive investments to complete these projects. Businesses can also employ StorTrends units in the public cloud for disaster recovery while onsite private cloud units are operating for primary production data which reduces reducing the need for additional dedicated onsite units.

Flexibility

With StorTrends units in a hybrid cloud environment, businesses can use units in the public cloud for data archival, secondary or tertiary storage, while using onsite units for critical applications and high-performance needs. StorTrends offers seamless expandability and SSD capabilities that provide the flexibility to effectively leverage the uses of private and public cloud. Hybrid clouds also allow organizations to tap into StorTrends resources in the public cloud when unexpected projects or storage needs arise.

Security

StorTrends offers features geared toward safely replicating and securing sensitive data. From replication with AES 128 bit data encryption, encrypted drives and encrypted volumes to multi-leveled snapshots StorTrends offers the backend security needed for a safe and secure hybrid cloud deployment.

Key Benefits:

• Capex and Opex savings are tremendous with hybrid cloud storage
• Volume based encryption for multi-tennant usage
• Drive encryption for SSDs and HDDs

"We did our own benchmarking for throughput. We did raw numbers, and what kind of throughput we were getting in a cost/dollar ratio on throughput… StorTrends outperformed competitors and ended up the lead performer in many of our comparative categories"

- Mike Schmidt, Systems Engineer, Walgreens

Conclusion

StorTrends solutions – covering an array of performance capabilities, storage expansion options, and enterprise features – provide for a cost-effective, flexible, and secure hybrid cloud framework. As an increasing amount of organizations adopt hybrid cloud infrastructures, the appropriate storage selection has proven to be paramount to the overall success of their implementation.

"The ManageTrends GUI is remarkably easy to learn and use. You don't have to be an experienced storage architect. Within 15 minutes, you know all you need to create a new volume. It's really the best storage GUI that I've seen. "

- Ganesh Chalke, Technology Infrastructure Manager, Global eProcure

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