

StorMagic SvSAN WITH CISCO UCS E-SERIES

ELIMINATING APPLICATION DOWNTIME FOR DISTRIBUTED ENTERPRISE

One of the greatest challenges for multi-site organizations is to ensure the uptime and availability of business-critical applications in edge or remote environments where IT infrastructure is limited. This becomes even more challenging as organizations strive to reduce capital and operating expense.

This is now achievable through combining the leading, software-defined storage solution from StorMagic with the latest in server technology from Cisco. This joint solution allows the edge enterprise to deploy data storage infrastructure that works for its multi-site nature.

WHAT IS STORMAGIC SVSAN?

StorMagic makes virtual SANs simple for edge computing. Our product, SvSAN, is designed for large organizations with thousands of sites and companies running small datacenters that require a highly available, two-server solution that is simple, cost-effective and flexible.

StorMagic SvSAN removes the need for a physical SAN in some of the world's most demanding environments by converting the disk, flash and memory of two servers into a virtual SAN. SvSAN coupled with a hypervisor (VMware or Microsoft) and any server hardware creates a hyperconverged solution that is perfect for large organizations with thousands of sites and companies running SME datacenters that require a highly available, two-server solution that is simple, cost-effective and flexible.

WHAT ARE CISCO UCS E-SERIES SERVERS?

Cisco UCS E-Series servers are virtualization-ready, high-density, single-socket blade servers designed to balance simplicity, performance, and application density while operating in an energy-efficient environment. These powerful, small form factor, x86 64-bit blade servers are housed within Cisco Integrated Services Routers Generation 2 (ISR G2) networking platforms and are designed to host essential infrastructure services and mission-critical business applications in the distributed enterprise.



The Cisco UCS E-Series family of server blades

Cisco UCS E-Series rack servers provide the following benefits:

- A blade server form factor that accelerates and simplifies physical server provisioning and system maintenance
- Lower TCO by reducing server hardware shipping costs, power consumption, cooling, cabling, space, and support costs
- Built-in, lights-out server management through CIMC provides remote server monitoring and configuration management for virtualized and bare metal deployments
- A scalable infrastructure that offers protection of infrastructure investment

These price- and performance-optimized, single-socket blade servers balance simplicity, performance, reliability and power efficiency. They are well suited for applications and infrastructure services typically deployed in edge computing environments such as small offices and remote locations.

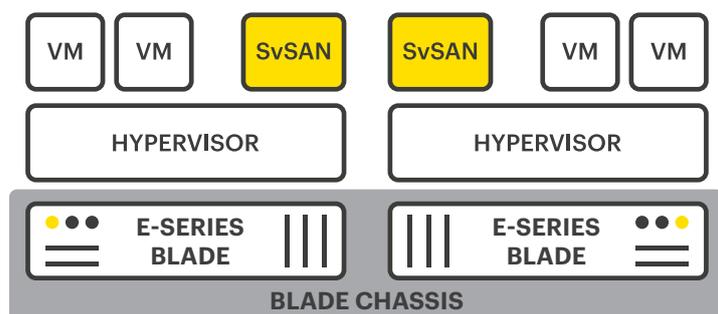


Fig. 1: An E-Series deployment with SvSAN providing the mirror between the two blades.

SOLUTION APPLICATIONS

The combination of SvSAN with Cisco UCS E-Series Servers is an ideal solution for multi-site organizations in many industries, including:

- Retail – systems such as stock control, customer and staff management and point-of-sale optimization
- Government – diplomatic communication platforms
- Defense – battlefield control systems
- Manufacturing – process control
- Financial services – customer transactions
- Restaurant and hospitality – booking and kitchen order systems

- Transportation – vehicle positioning and monitoring
- Energy production – remote power generation plant control
- Medical – PACS

SOLUTION BENEFITS

StorMagic and Cisco deliver to the edge:

- Lower cost-of-entry for shared storage in virtualized environments
- A hypervisor-agnostic storage infrastructure, accommodating both VMware vSphere and Microsoft Hyper-V implementations
- Unique multi-site features, such as a simple two server configuration
- High availability of local storage
- Centralized management
- Easy, automated deployment

FOR MORE INFORMATION

The StorMagic/Cisco partnership extends beyond just the E-Series. SvSAN is fully validated and supported on Cisco's entire UCS range of servers, including C-Series, S-Series and the UCS Mini. Read more about the partnership at stormagic.com/cisco.

To learn more about SvSAN and its features, visit the [StorMagic website](http://stormagic.com), or access the [SvSAN Data Sheet](#).

For more information on Cisco UCS E-Series servers, please visit the [Cisco website](http://cisco.com).

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