



## HP StorageWorks SAN Virtualization Services Platform

### Overview

The [HP StorageWorks SAN Virtualization Services Platform \(SVSP\) 2.1](#) is a network-based storage virtualization solution that simplifies the management of virtualized Fibre Channel storage-area network (SAN) environments. This solution addresses the changing economics of technology by enabling organizations to reduce administrative costs and maximize their current storage investments. As a result, they will emerge from the downturn more efficient and competitive.

The SVSP 2.1 offers increased scalability, greater flexibility and doubles the performance of the previous SVSP release. By consolidating heterogeneous storage into central pools, it offers customers the ability to boost management productivity and reclaim unused capacity. This increases asset utilization, reduces costs and maximizes flexibility to meet changing needs.

The SVSP 2.1 allows customers to easily perform common tasks such as volume management, thin provisioning, copy services, synchronous/asynchronous mirroring, data migration and data replication, from a centralized point. This streamlines operations and increases administration efficiency. The SVSP 2.1 is also compatible with an expanded list of third-party and HP arrays, including the new [HP EVA6400/8400](#) and [MSA2000fc G2](#), and supports all leading operating systems. It also provides new HP Installation and Startup Services options for easy, rapid deployment.

### Centralized management and integration

- Easy-to-use graphical user interface (GUI) offers centralized management of heterogeneous storage resources and data services to improve efficiency.
- Non-disruptive data migration minimizes server and storage administration by reducing migration, replication and back-up times.
- Thin provisioning allows the ability to provision "thin" volumes of up to 2 terabytes (TB) of data. It allows the maintenance of a single, free space pool to service the data growth requirements of all applications. This increases storage utilization.
- Heterogeneous replication (synchronous and asynchronous mirroring) provides more flexible business continuity to mitigate planned and unplanned downtime.
- Stretched domain support within a campus or metropolitan area setting helps share resources and provides a more cost-effective disaster recovery solution that mitigates business risk.

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### **Increased scalability and performance**

- Innovative split-path architecture separates data flow from management processes, providing high availability and peak performance of all SAN resources.
- Support for up to four Data Path Modules<sup>(1)</sup> per domain delivers double the performance for a given domain and larger configurations.
- Provisions and scales data volumes as needed, up to 4,096 volumes and up to 512 servers, to significantly increase capacity utilization.
- Data striping across as many as eight storage arrays when delivering new applications and business services provides increased storage performance.

More information is available at [www.hp.com/go/svsp](http://www.hp.com/go/svsp).

### **Pricing and availability**

The HP StorageWorks SAN Virtualization Services Platform is currently available from HP as well as HP resellers and is priced on a capacity basis. The U.S. list price of an entry-level configuration starts at \$37,180.<sup>(2)</sup>

<sup>(1)</sup> Data Path Modules are intelligent switch-like devices that perform the virtualization of data at switch-like speeds.

<sup>(2)</sup> The entry-level configuration includes 1TB license of SVSP Volume Manager and a pair of Data Path Modules. Additional servers may be required if not present in the environment. The SVSP VM software provides basic virtualization, volume management, data migration services, two-way synchronous mirroring and the ability to import in place. Additional licenses are available for optional software tiles and increased capacity support. Estimated U.S. list price. Actual prices may vary.

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