

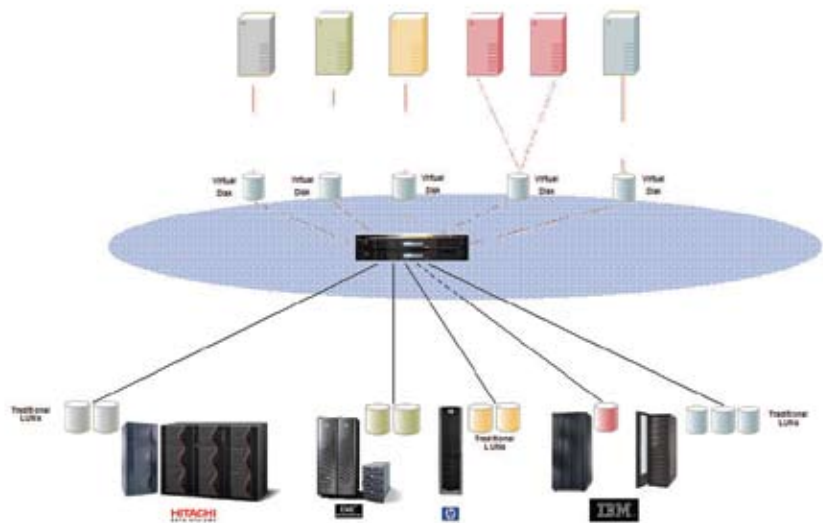
# SVC: Future-Proof Storage

By Dave Parry

Multiple vendor solutions and multiple generations of products have resulted in a proliferation of interfaces and management tools for many storage environments. Islands of storage dedicated to specific workloads often result in inefficient utilization, and time-consuming management overhead.



IBM SAN Volume Controller (SVC) combines heterogeneous storage into one or more virtual pools that can be dynamically allocated to any server environment



from a single interface. SVC isolates servers/applications from the storage infrastructure allowing changes and data management independent of the servers. Capacity management can now be focused on the data, not the devices. Copy services, snapshots, and multi-path I/O are now all licensed and managed at

the SVC level, once, and are no longer required on the storage devices. As you migrate and/or scale your storage environment, that investment stays with the SVC. Down-time can be eliminated as capacity is expanded, as devices are added or removed, and as data are moved/migrated—all on-line, transparent to the servers.

IBM TotalStorage Productivity Center (TPC) is a consolidated management tool that provides an enterprise view of your entire storage infrastructure from a single console.

TPC includes heterogeneous support to manage all aspects of your SAN environment including; configuration, capacity, performance, discovery (SRM), and mapping/zoning—with detailed reporting and alerts.

The combination of SVC and TPC provides a powerful unified solution for managing your entire storage environment from a single console. Servers are now insulated from the back-end storage infrastructure allowing you to focus on the data and manage capacity, not devices.

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