



Feature Brief

Dell Storage Manager and Cross-Platform Replication

One Dell Storage ecosystem

What is DSM?

- Common management tool
- Day-to-day management of SC Series and PS Series arrays
- Introduction of cross-platform replication
- Web-based interface

Why cross-platform replication?

- Increased availability
- Increased performance
- Enhanced reliability

Why Dell Storage?

- Protect PS Series investments
- Best of SC Series, FS Series and PS Series
- Coexistence with a path forward
- Multiple storage integrations under one roof

Dell Storage Manager (DSM) is the cohesive management tool across Dell Storage products. DSM is built on a familiar platform (Enterprise Manager), but now extends beyond the SC Series and FluidFS management to include the day-to-day management of PS Series storage. DSM continues to include all of the extensive setup, management and monitoring for the SC Series from its predecessor while enabling all new features such as deduplication, Volume QoS and VVols to name a few.

DSM also enables the new cross-platform bidirectional replication between SC Series and PS Series storage to enable coexistence of new and legacy platforms within the same enterprise environments. DSM is the management tool for every environment from the entry-level SCv2000 Series to the larger enterprise-ready SC9000, and for every combination of SC Series and PS Series storage in between.

Dell Storage Manager offers unified management

Starting with all the familiar capabilities of the previous SC Series management tool, DSM adds cross-platform replication between SC Series and PS Series arrays, plus day-to-day PS Series management.

Cross-platform replication fulfills Dell's promise to provide a smooth on-ramp for PS Series customers to add SC Series arrays to their environment if and when they choose, while continuing to benefit from the full value of past investments. The unified interface reduces overall management effort and costs, while cross-platform replication in either direction allows the two array families to interoperate seamlessly. Example use cases include automated, easy-to-schedule backups and archiving from an SC Series to a PS Series array, or vice versa.

Dell Storage Manager illustrates Dell's competence at orchestrating both acquired and developed technology, as well as Dell's commitment to solution longevity, providing buying assurance for both PS Series and SC Series customers by making their choice of storage platform less limiting and intimidating.

Cross-platform replication

With cross-platform replication, an administrator can replicate a volume over iSCSI asynchronously from one storage array to another to safeguard data against local or regional data threats. Replication can be configured in either direction with full data reduction failover and recovery capabilities easing the IT administrator's worries.

Cross-platform replication is supported¹ just as replication is supported today for both the PS Series and SC Series — no need to learn another set of tools or functionality.

Management of storage integrations

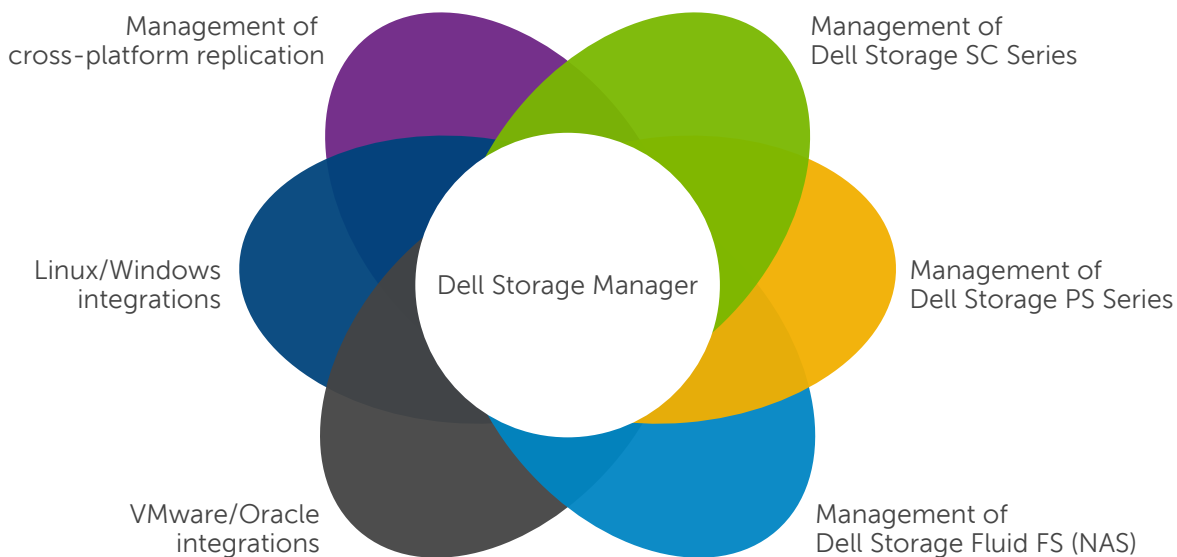
Managing complex storage tasks like live volume, encryption, replication and capacity planning for multi-terabyte SANs at multiple locations or even in a federated environment with more than one interface can be challenging. Dell Storage SC Series simplifies SAN administration with an intuitive interface that automates the most common storage tasks. Storage integrations allows an administrator to manage and monitor multiple integrations for all Dell Storage SC Series arrays.

Dell Storage Center SC Series Management Suite delivers superior data center automation for industry-leading

applications. Storage Center has a vast array of integration points with VMware, Microsoft, Oracle, OpenStack, IBM, CommVault, Symantec, Foglight and more.

Introducing Web-based DSM

DSM is now available in its first ever “JAVA-free,” HTML5 and Javascript-based Web interface tool for a better customer experience. The first release is for SC Series only, and focuses more on data management and monitoring. Supported on all major browsers, the Web-based DSM includes core user-interface framework with widgets to bring into customizable dashboards (for either a single SC Series array or a collection of SC Series arrays). Get quick-view stats for capacity, storage, hardware, volumes, IO usage, performance and other basic monitoring (alarms, events, logs) with user friendly streamlined navigation.



¹Cross-platform replication is not supported on Dell Storage SCv2000 Series.

[Learn More at Dell.com/SCSeries.](http://Dell.com/SCSeries)

