SOLUTION BRIEF

Enhance Snapshot-Based Protection with Commvault

Utilize performant, application-consistent snapshots for Pure Storage® FlashArray™.

Modern data center management is becoming more and more complicated. Disparate storage technologies and management interfaces create a challenging environment in which it's challenging to meet critical service-level agreements. This situation greatly increases the business risk and cost of data center management because administrators need to interact with multiple management interfaces just to keep the data center running. To meet these challenges, Pure Storage and Commvault developed a jointly-integrated solution that delivers application-consistent snapshots for FlashArray designed to speed backup and recovery processes.

Storage-Based Snapshots for Backup and Recovery

Storage-based snapshots for backup and recovery offer many advantages, including near-instantaneous backup and restore for mission-critical applications. However, the lack of tight integration between the storage array providing the snapshots and the data-protection software that's controlling the entire data protection operation can be a challenge. Without this integration, management becomes complex and expensive, leading to significant risks, including missed or incomplete backups. FlashArray storage snapshots and replication technologies are directly integrated within Commvault's enterprise management layer. Not only does this provide a single interface, but it also allows you to incorporate snapshots into your data-protection operations easily.

Commvault IntelliSnap Speeds Recovery

Snapshot-based data protection solutions typically provide faster recovery and data capture, less application disruption, and reduced costs for non-production copies.

Jointly Integrated

Commvault IntelliSnap can harness FlashArray snapshots, accelerating backup and recovery.

Simplified Management

IntelliSnap automates and orchestrates snapshot and lifecycle management using a single console.

Improved ROI and Value

SafeMode™ snapshots, ActiveCluster™ and ActiveDR™ are built into FlashArray so you don't pay for next-generation performance and

Commvault IntelliSnap technology automates and orchestrates snapshot management and lifecycle management across multiple storage arrays using a single console, providing native integrated support for hypervisors, operating systems, enterprise applications, and storage arrays. Commvault Backup & Recovery offers multiple file recovery options, including restoring files to their original location or an alternate path. You can quickly locate files and perform browse, restore, and download operations through a self-service web console.

Intellisnap Technology and Pure's Asynchronous Replication

The technology integration between Pure and Commvault extends beyond instigating and managing snapshots. The next level includes Commvault integration with Pure asynchronous replication. This integration allows you to move snapshots from the originating FlashArray to an alternative location. The extra copy provides redundancy and enables you to keep snapshots on more cost-effective storage. These snapshots are instantly available when disaster strikes and are all managed via the Commvault Management interface.

Reducing Data Storage Costs

Purity snapshots are natively integrated into FlashArray at no charge, delivering FlashArray data portability to secondary FlashArray, FlashBlade®, and NFS targets for replication and tiering, or to Amazon AWS or Microsoft Azure cloud for off-premises backup. Additional features include:

- Application-consistent snapshots through Commvault IntelliSnap and Pure Storage snapshots for fast backup and recovery of mission-critical applications
- Snapshot storage on the most suitable storage platform and improved economics from seamlessly moving older snapshots via policy to different storage tiers
- Management of entire snapshot data protection lifecycle through the Commvault User Interface with Pure Storage taking care of the data movement
- Commvault LiveMount technology to mount copies of Virtual Machines from snapshots

Additional Resources

- Discover the benefits of Pure Storage FlashArray.
- Learn more about Pure Storage Data Protection with Commvault.

©2021 Pure Storage, the Pure P Logo, and the marks on the Pure Trademark List at https://www.purestorage.com/legal/productenduserinfo.html are trademarks of Pure Storage, Inc. Other names are trademarks of their respective owners. Use of Pure Storage Products and Programs are covered by End User Agreements, IP, and other terms, available at: https://www.purestorage.com/legal/productenduserinfo.html and https://www.purestorage.com/patents

PS2031-01 03/2021