

Enhance and Simplify Backup and Recovery with CommVault[®] Simpana[®] 9 Software's Application-Aware HP 3PAR Native Snapshot Integration

Key Benefits

1. Reduce management cost and complexity by eliminating manual processes like scripting
2. Enhance data protection and recovery with application-aware snapshots
3. Simplify snapshot and backup management
4. Recover application data faster and more granularly
5. Lessen the impact to production servers from snapshot activities
6. Improve disaster recovery capabilities

The Business Challenge: Increasing Efficiency without Adding Complexity

Today's IT departments face demands for faster Service Level Agreements (SLA) for data availability and recovery which is further complicated by explosive data growth and shrinking budgets. While hardware snapshots can help address these challenges by significantly improving recovery time objectives (RTO) and recovery point objectives (RPO), managing them disparately from the rest of your data management strategy increases cost and complexity.

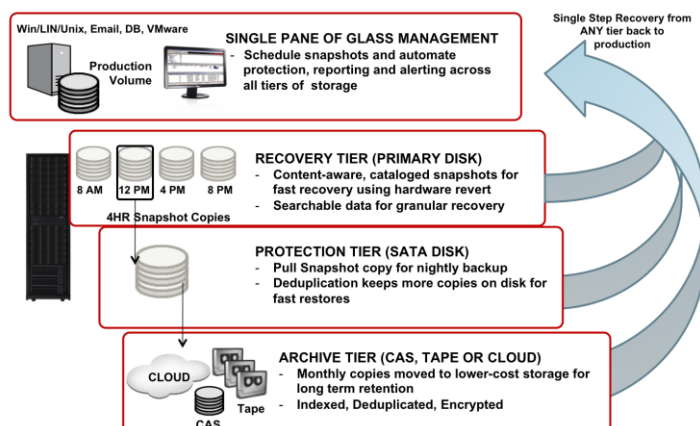
CommVault SnapProtect: Simplifying End-to-end, Snapshot-Aware Data Protection

CommVault Simpana introduces a new standard for simplified, application-aware data management. The SnapProtect integration with HP 3PAR snapshots reduces management cost and complexity by eliminating manual processes while enhancing data protecting and recovery. SnapProtect enables you to easily manage and scale snapshot capabilities even as your data grows, and you can reduce the impact to production servers by offloading snapshot processing. Lastly, SnapProtect enables you to improve your disaster recovery readiness and recover faster and at a more granular level.

Simpana 9 application agents work seamlessly with HP 3PAR snapshot API's to create fast, application consistent copies or clone copies of your critical data, and the unique, singular architecture of the software enables you to schedule and automate it all through a single console. You can manage snapshot creation and tiering from backup to archive copies from the HP 3PAR disk off to deduplicated disk, tape storage or even the cloud. By creating an automated storage policy, you determine which snapshot copies stay on primary disk and which copies are moved to lower cost storage tiers for longer-term retention, helping you meet your recovery, data growth and budget challenges.

Simplified Recovery Saves You Time

Today, executing and recovering from a snapshot means using separate tools and scripts apart from your data management product, and it may not allow for granular recovery at all. Adding complex scripting and more point solutions becomes time and resource intensive without delivering 'snapshot aware' protection of your data that will enable you to address the SLA and budget demands you are facing. By automating data movement, supporting granular recovery and eliminating scripting, Simpana software makes tiering your data copies easy and recovering your data even easier.



Key Capabilities

1. **Centralized, Unified Management Control** - Schedule automated snapshots, backup and archive copies from one pane of glass.
2. **Short RPO** - Take advantage of all application recovery capabilities thanks to the ability to easily and often take rapid, cataloged snapshots.
3. **Short RTO** - Recover from a disk-based snapshot or backup copy – in an instant.
4. **Simple** - Browse or recover your data from an application-centric view



Unified Recovery Management

Gone are the days of complex recovery processes like trying to manually restore a hardware snapshot with incremental backups from tape. With CommVault Simpana software, recovery from snapshots with incremental backups is transparent to you. Simply select the recovery point that you desire and Simpana will do the work for you. Our approach relies on consolidated policies and automation that make management simple and easy. CommVault and HP 3PAR deliver a truly unified, efficient and simple data management and protection solution.

Supported Environments

- HP 3PAR & EVA Arrays
- CommVault Simpana 8.0 SP4 or later
- File systems, including Windows®, UNIX® and Linux®.
- HP 3PAR array based snapshot technology
- Integration with Microsoft® Volume Shadow Copy Service (VSS) which manages the use of VSS snapshot provider technology
- Leading messaging, databases and application systems including Microsoft Exchange Server, Microsoft SQL Server®, Oracle® and SAP® (on Oracle).

For more information about Simpana[®] SnapProtect, please visit

<http://www.commvault.com/solutions-snapprotect.html>

For more information about Simpana[®] software modules and solutions, and for up-to-date system requirements, please visit www.commvault.com



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