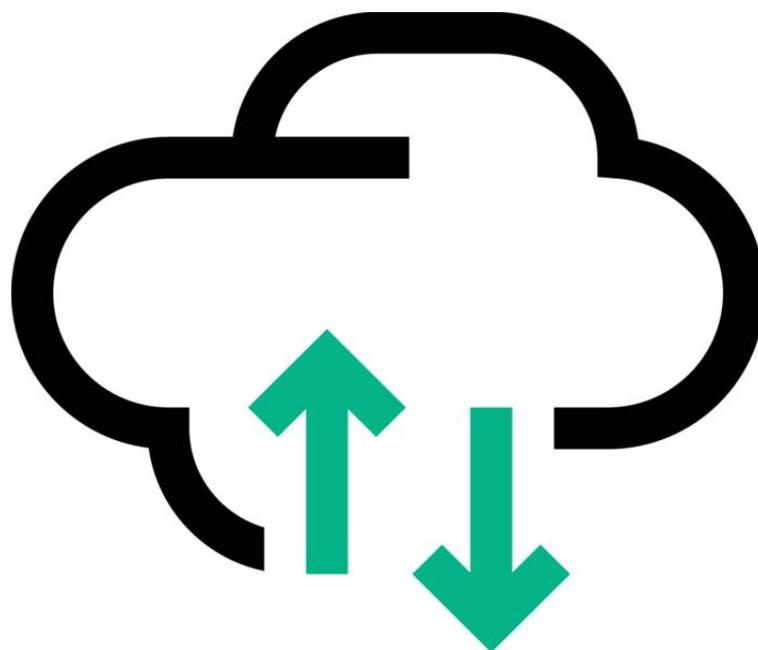




HPE 3PAR VIRTUAL COPY SOFTWARE

Storage Device Management Software



WHAT'S NEW

- Partial licensing is available for 3PAR Virtual Copy on HPE 3PAR StoreServ 10000 storage system.

OVERVIEW

Need to create snapshots for data backup, application recovery, business intelligence, and to expedite development and testing? HPE 3PAR Virtual Copy Software flexibly delivers instant, point-in-time (PIT) copies of your data so you can share and protect data from any application simply and affordably.

Use Virtual Copy to stay ahead of the innovation curve—for example, by enabling rapid application recovery—while containing costs with a “thin-aware” implementation that minimizes the amount of physical capacity that is actually being consumed by your data—and without sacrificing

performance, availability, or versatility. Most traditional copy solutions lack flexibility and require too great an investment in online capacity to be considered economical.

Virtual Copy Software is a reservationless, non-duplicative, copy-on-write product that consumes capacity only for changed data, in fine-grained increments, and without ever duplicating changed data within a snapshot tree.

FEATURES

Uniquely Powerful Yet Simple Snapshot Solution

With HPE 3PAR Virtual Copy Software you can create up to 500 instantly available point-in-time (PIT) snapshots per base volume without impacting applications, up to 256 of which can be read-write copies.

Receive autonomic data integrity across a set of volumes by using consistency groups feature to maintain write order consistency within a volume set.

Automate creation and expiration of virtual copy snapshots using scheduler feature.

Highly Efficient, Thin-aware Implementation

With HPE 3PAR Virtual Copy Software reservationless snapshots prevent pre-reservation of capacity. Only fine-grained capacity is consumed for changed data. Copy-on-write operations are thin and non-duplicative; changed data is never duplicated within a snapshot tree.

Autonomic space reclamation using thin copy reclamation feature frees up unused space following snapshot deletions to maintain high capacity utilization over time.

Snapshots of snapshots are supported for fast, flexible sharing of data sets without the need for additional base volumes.

Flexible Solution Maximizes User Control While Guarding Against Risk

Thin, copy-on-write technology and massive parallelism of the HPE 3PAR Virtual Copy Software system architecture protect against any noticeable performance impact while the ability to recover applications from multiple points in time on par with continuous data protection (CDP) solutions.

Delete snapshots freely without affecting peer snapshots; safely revert a volume to any snapshot while retaining the remainder of snapshot tree in tact.

Flexibly assign different Quality-of-Service (QoS) levels to snapshots and base volumes.

Simplifies Key Business Processes to Accelerate Innovation

HPE 3PAR Virtual Copy Software integrated with HPE 3PAR Recovery Manager Software delivers affordable rapid application recovery for Oracle® Database, Microsoft SQL Server®, Microsoft® Exchange Server, and VMware vSphere™ environments using an extended library of PIT snapshots.



Back up volumes from a snapshot image locally or remotely, allowing business-critical applications to continue with little or no performance impact, without extended downtime, and while consuming only minimal additional capacity.

Use multiple read-write snapshot instances of a “golden image” (a read-only snapshot of a given operating system or application) for “bare metal” server provisioning and simplified patch management.

Enable multiple developers and testers to safely perform parallel development and testing of new applications with read-write snapshots of production data to accelerate new projects.

Accelerate data warehouse creation with instant snapshots of production datasets for use in extract, transform, and load (ETL) operations.

Technical specifications

HPE 3PAR Virtual Copy Software

Supported hardware environment

HPE 3PAR Storage systems, HPE 3PAR StoreServ

Compatible operating systems

HPE 3PAR Operating System



For additional technical information, available models and options, please reference the [QuickSpecs](#)

HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

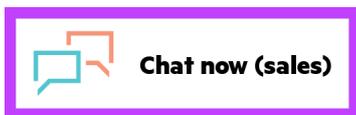
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[HPE Greenlake](#) is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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