



# HPE 3PAR DYNAMIC OPTIMIZATION SOFTWARE

## Storage Device Management Software

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### WHAT'S NEW

- Drives large scale performance optimizations with one-button system rebalance after adding new resources to the system or moving a large number of volumes between tiers
- Analyzes how volumes are using physical disk space and which resources were added to the system, then makes intelligent, autonomic adjustments to ensure optimal volume distribution of storage volumes
- Enacts more efficient performance optimizations with fine-grained, sub-volume rebalancing for only those portions of a storage volume that can make use of the new resources added to the system

### OVERVIEW

Looking for a storage solution that alleviates costly and time-consuming QoS level management?

HPE 3PAR Dynamic Optimization Software is an autonomic storage tiering tool that provides the ability to react quickly and non-disruptively to changing application and infrastructure requirements. Dynamic Optimization enables organizations to achieve optimized data QoS levels at the lowest cost, at all times, across all stages of the disk-based data lifecycle. It enables users to non-disruptively alter service levels associated with a storage volume (RAID level, subsystem failure protection level, drive type, stripe width, and /or radial placement) and to rebalance entire system or individual storage volumes, each with a single click. Dynamic Optimization analyzes how volumes on the HPE 3PAR Storage system are using physical disk space and makes intelligent, autonomic adjustments to ensure optimal volume distribution and tiering of storage volumes.

## FEATURES

### **Aligns Application Requirements with Data QoS Levels Flexibly, Precisely, and on Demand**

HPE 3PAR Dynamic Optimization Software non-disruptively alters service levels of a volume with a single click, without scheduling, planning, or impacting application performance. Each storage volume resides on a single tier, but maintains mobility between tiers throughout the application lifecycle.

Drives large-scale performance optimizations with one button system rebalance after adding new resources to the system or moving a large number of volumes between tiers.

Can be used to seamlessly adjust the RAID level, subsystem failure protection level, drive type, stripe width, or radial placement of volumes to achieve optimized data QoS levels.

### **Provides the Ability to React Quickly to Changing Application and Infrastructure Requirements**

HPE 3PAR Dynamic Optimization Software enables service level change orders to be made on demand, aligning appropriate storage resources as needed with the changing value of data.

Autonomically and non-disruptively rebalances entire system or multiple volumes with a single button based on configurable policies.

Eliminates the cost of over provisioning to accommodate usage spikes as well as the time-consuming, manual migration of data to lower tiers to reduce storage costs.

## Technical specifications

## HPE 3PAR Dynamic Optimization Software

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**Supported hardware environment**

HPE 3PAR Storage systems

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**Compatible operating systems**

HPE 3PAR Operating System

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

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- Operate and improve
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- 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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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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