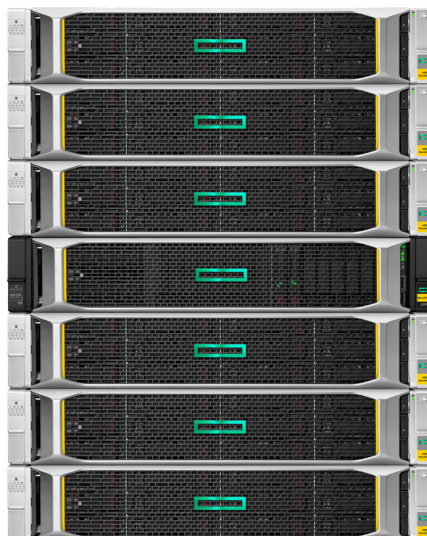# HPE StoreOnce Systems

What's new

- HPE StoreOnce 3720 — A new Gen5 system with the capacity, starting at 18 TB, and performance to meet the needs of small and/or branch locations.

- HPE StoreOnce 3760 — A new Gen5 system with the capacity, up to 216 TB, and performance to meet the mid-size locations and data centers.

- Improved efficiency — The new HPE StoreOnce 3720 and HPE StoreOnce 3760 take up to 67% less rack space and require 29% less power than the previous model.

- Gen5 software — HPE StoreOnce software 5.1.0 to power HPE StoreOnce 3720 and 3760 and allow onboarding to the HPE GreenLake for Data Ops Manager service.

- Extension of protection options for HPE Alletra Storage MP B10000 in the HPE

Overview

Is data growth resulting in increased backup times, missed service-level agreements (SLAs), and more management resources? Are you concerned about the threat from ransomware?

HPE StoreOnce Systems with HPE StoreOnce Catalyst provide a single, high-performance backup architecture for the entire organization. Reduce the amount of backup data you need to store by 95% [1] and deploy purpose-built appliances and flexible virtual appliances. Both deliver industry-leading backup and restore speeds to meet backup windows and recovery SLAs. The HPE StoreOnce Catalyst technology enables you to use the backup application of your choice for flexible backup and backup copies and prevent exposure of backup data to ransomware. HPE Cloud Bank Storage leverages object storage of your choice to increase available capacity and lower the cost of long-term backup data retention. Plus the security of HPE StoreOnce Integrity Plus to help ensure that when you need to restore data you can restore data.

GreenLake for Block Storage service to enable backup of HPE Alletra Storage MP B10000 snapshots to StoreOnce 3720 and 3760.

- HPE StoreOnce software 4.3.11 to improve reliability and supportability for the HPE StoreOnce Gen4 Plus and HPE StoreOnce Gen4 systems.

Features

Industry-leading, Scalable Architecture for Small and Remote Locations to Enterprise Data Centers

Scalable architecture delivered as dedicated hardware appliances and virtual appliances with capacity points that start small and allow you to increase capacity when the amount of data you need to protect increases.

Federated management allows multiple HPE StoreOnce Systems to be managed from a single console.

For enterprise data centers, the HPE StoreOnce 5650 scales from 36 TB to 1.7 PB locally and up to 5.2 PB of total usable storage with HPE Cloud Bank Storage. The HPE StoreOnce 5660 system scales from 144TB to 1.1PB locally and up to 3.3 PB total storage with HPE Cloud Bank Storage.

For mid-size data centers choose the new HPE StoreOnce 3760, which scales from 108 to 216 locally and up to 648 TB total storage with HPE Cloud Bank Storage.

The new HPE StoreOnce 3720 is perfect for smaller environments with a starting capacity of 18 TB which can be expanded in 18 TB increments to 72 TB locally and up to 216 TB total storage with HPE Cloud Bank Storage.

High Performance HPE StoreOnce Data Deduplication Technology

Deduplicate backup data at the application source to increase performance and reduce network bandwidth utilization.

Use a backup application such as Commvault, NetBackup, or Veeam, with HPE StoreOnce Catalyst integration for flexible backup data placement and retention.

Integrated protection in the HPE GreenLake Platform Block Service enables direct backup of HPE Alletra Storage MP B10000 snapshots to HPE StoreOnce 3720 and 3760.

No cost HPE StoreOnce Catalyst application plug-ins for Oracle®, SAP HANA®, and Microsoft SQL Server enables direct application-integrated backup to HPE StoreOnce Systems.

Configure the software defined HPE StoreOnce VSA to deliver the performance and capacity requirements of your backup environment.

Finish within your Backup Window and Meet your Restore SLAs with Industry-leading Performance

A broad range of best-in-class price and performance points to meet the challenges of data growth and shrinking backup windows across organizations.

Up to 105 TB per hour with HPE StoreOnce 5660, or up to 60 TB per hour with HPE StoreOnce 5260.

Up to 25 TB per hour with the new HPE StoreOnce 3760.

Automated, Efficient Backup and Disaster Recovery Operations with HPE StoreOnce Catalyst

HPE StoreOnce Catalyst is a data protection optimized interface unique to HPE StoreOnce Systems that provides higher performance and more flexible control than traditional emulated tape (VTL) targets or NAS shares.

HPE StoreOnce Catalyst is integrated with leading backup applications, enables direct backup of HPE Alletra Storage MP B10000 and is available in HPE StoreOnce Catalyst application plugins.

Catalyst backup, restore and copy over Ethernet (iSCSI) and Fibre Channel networks.

HPE Cloud Bank Storage is an extension of the HPE StoreOnce Catalyst capabilities, enabling disaster recovery solutions that were previously unfeasible due to lack of multisite capabilities, cost of bandwidth, and time.

HPE StoreOnce Catalyst backup options include one-to-many, many-to-one, and multi-hop so your recovery points are where they are needed, on-premises or in the cloud, to protect your organization's data and meet your regulatory requirements.

Technical specifications   HPE StoreOnce Systems

Capacity	HPE StoreOnce Gen5: up to 216 TB usable, depending on model; HPE StoreOnce Gen4 Plus: up to 1,152 TB usable, depending on model
Host interface	HPE StoreOnce Gen4+ and HPE StoreOnce Gen5: Standard: 10 GbE Base-T Option: 32G Fibre Channel, 16G Fibre Channel, 10/25 GbE, 10GBase-T Ethernet
Form factor	HPE StoreOnce Gen5: 2U HPE StoreOnce Gen4 Plus: 2U to 18U, depending on model and configuration
Product dimensions (metric)	dependent on model
Weight	dependent on model
Warranty	3-year parts exchange, 3-year labor, 3-year on site, normal business hours, next business day response

[1] Based on a typical dedupe ratio of 20:1 as compared to a full backup.

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

- **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

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

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading 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, on premises, fully managed in a pay per use model.

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