HPE STOREONCE 3620 24TB SYSTEM (BB954A)

Disk Storage Systems

WHAT'S NEW

- StoreOnce VSA 4.2 adds support for deployment in high availability VMware environments to enable automated VSA failover from a failed host to a standby host when using IP and FC data connections.

OVERVIEW

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

HPE StoreOnce Systems with StoreOnce Catalyst provide a single, high-performance backup architecture that spans the entire enterprise.
You can reduce the amount of backup data you need to store by 95% and choose between powerful dedicated appliances for larger offices and data centers, and flexible virtual appliances for smaller and remote offices.
Industry leading backup and restore speeds mean that you can

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meet shrinking backup windows and recovery SLAs. StoreOnce Catalyst prevents exposure of backup copies to ransomware. With StoreOnce you can dedupe anywhere and control the movement of deduplicated data across the enterprise using your backup application. Using Cloud Bank Storage to cloud-enable your current backup and business applications, StoreOnce Systems provide even more flexibility to reduce your cost, risk, and complexity.

FEATURES

Industry-leading, Scalable Architecture from Small and Remote Offices to Enterprise Data Centers

Scalable architecture allows you to pay as you grow. Choose capacity points available through virtual or dedicated appliances that start small and allow you to add capacity as needed.

With a range of capacity points to suit all requirements from small remote offices to enterprise data centers with centralized monitoring and control with Federated Management.

For enterprise data centers the HPE StoreOnce 5650 scales from 36 TB to 1.7 PB usable local storage. With Cloud Bank Storage you can scale up to 5.2 PB of total managed usable storage.

For mid-size data centers choose HPE StoreOnce 3620, to scale from 16 - 31.5 TB, StoreOnce 3640 to scale from 36-108 TB, StoreOnce 5200 to scale from 36 - 216 TB or StoreOnce 5250 to scale from 36 - 864 TB usable. All HPE StoreOnce Systems can triple their maximum capacity with Cloud Bank Storage.

For software defined data protection, choose the HPE StoreOnce VSA, flexibly licensed up to 500 TB and configurable to meet the performance characteristics needed of a variety of environments.

Deduplication Across the Enterprise with a Single Deduplication Technology - HPE StoreOnce

Deduplicate at the application source, the backup server, the target appliance or directly from HPE 3PAR, HPE Primera, and HPE Nimble via HPE Recovery Manager Central software.

HPE StoreOnce delivers a unified solution for data movement across the enterprise under the control of your data protection application.

HPE StoreOnce enables direct, application integrated backup of Oracle RMAN, SAP HANA, and Microsoft SQL using no cost Catalyst application plug-ins.

Backup within your Window and Meet your Restore SLAs with StoreOnce Industry Leading Performance

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

Up to 47 TB per hour with HPE StoreOnce 5650, or up to 41 TB per hour with HPE StoreOnce 5250 and up to 33 TB per hour with HPE StoreOnce 5200.

Up to 18 TB per hour with HPE StoreOnce 3640 and HPE StoreOnce Catalyst or up to 14 TB per hour with HPE StoreOnce 3620.

Automated, Efficient Backup and Disaster Recovery Operations with StoreOnce Catalyst

Centralized management, alerting, and trending in the GUI via Federated Management, to enable a single point of management for up to 100 StoreOnce systems.

Manage backup and Disaster Recovery operations from a single pane of glass with StoreOnce Catalyst, backup and copy is supported over IP and Fibre Channel.

Deduplication-optimized copy to Cloud Bank Storage allows disaster recovery solutions that were not previously feasible due to lack of multisite capabilities, cost of bandwidth, and time.

Catalyst one-to-many disaster recovery can move backup data from one site to many sites. Cascaded copy can move data from one site to other sites including the cloud, with Cloud Bank Storage.

Technical specifications — HPE StoreOnce 3620 24TB System

Product Number (SKU)	BB954A
Capacity	24 TB raw, 16 TB useable, expandable to 31.5 TB useable
Host interface	1 Gb Ethernet 4 ports standard, 10GbE SFP, 10GbE-T, 16 Gb FC or 32 Gb FC optional can be added in any configuration up to maximum quantity of four
Transfer rate	14 TB/hr, maximum using HPE StoreOnce Catalyst
Deduplication	HPE StoreOnce deduplication
Storage expansion options	HPE StoreOnce 3620 24 TB capacity upgrade kit
Replication support	Yes – HPE StoreOnce Replication and Catalyst Copy
RAID support	Hardware RAID 6
Number of virtual tape libraries and NAS targets	24
Virtual appliance	No
Target for backup applications	HPE StoreOnce Catalyst, Virtual Tape Library (iSCSI, FC), and NAS (CIFS, NFS)
Tape device emulated	HPE LTO-2/LTO-3/LTO-4/LTO-5/LTO-6/LTO-7 Ultrium Tape Drives in MSL2024 Tape Library, MSL4048 Tape Library, HPE D2D generic library with HPE D2D generic tape library
Number of source appliances, maximum	8
Tape cartridges emulated (maximum)	1,024
Form factor	2U
Minimum dimensions (H x W x D)	8.73 x 44.55 x 73.02 cm
Weight	25 kg
Warranty	3-year parts, 3-year labor, 3-year onsite support coverage. For more warranty information refer to http://h20564.www2.hpe.com/hpsc/wc/public/home.

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HPE POINTNEXT SERVICES

HPE Pointnext Services leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes – Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalise deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.

- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.

- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.
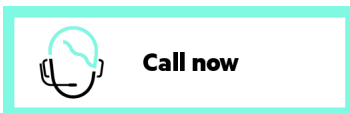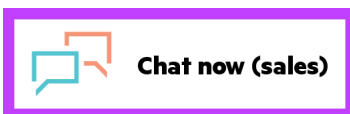
Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

HPE GREENLAKE

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