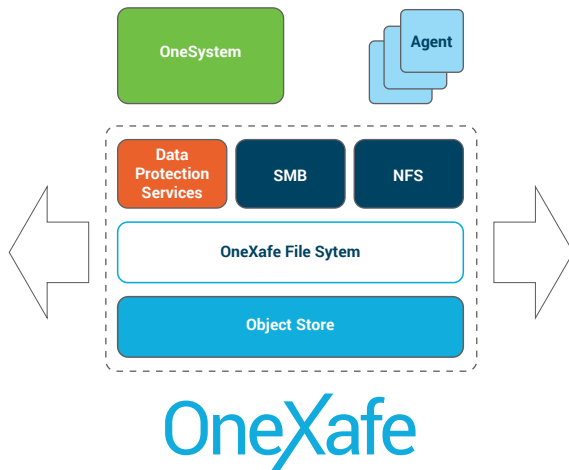


OneXafe

StorageCraft® OneXafe® is a converged data platform that unifies enterprise-class data protection with highly scalable storage in a configurable solution to satisfy the demands of organizations of all sizes.

Architecture

At the core of OneXafe is a patented distributed object-based file system that delivers universal data access by providing NFS and SMB access to users and applications. Data protection services is built over the scalable object store, delivering powerful recovery and work-flow optimized for management simplicity. OneXafe tightly integrates with StorageCraft DRaaS capability to provide total business continuity with a single click.



OneXafe's architecture is based on a collection of interconnected, scalable, and easily manageable microservices that deliver robust data protection and storage access. It consists of three main components: Data Protection Services, Agents, and StorageCraft® OneSystem®. The **Data Protection Services** deliver storage access and data protection procedures including backup, restore, replication, and storage. **Agents** are adapters for protecting physical servers and can also be used optionally for virtual machines (VMs) to deliver higher SLAs. **OneSystem** is the management framework and interface. It consists of a collection of microservices (web service, setup service and other director services) that orchestrate and manage the activities within Data Protection Services.

OneXafe Highlights

Features	Benefits
Converged data platform	Unifies data protection and scale-out storage. Delivers management simplicity and reduces acquisition costs
Simplified Licensing	Site licensing model makes management simpler and reduces costs
Object-based distributed file system	Scale non-disruptively with zero configuration <ul style="list-style-type: none"> Add capacity granularly to accommodate dynamic growth Grow capacity on-demand with no upfront investments and no fork-lift upgrades
Inline deduplication & compression	Achieve high data reduction rates resulting in smaller storage capacity footprint
Continuous data protection	Quick online recovery of previous versions of files from space-optimized snapshots
Encryption at rest	Keeps the data safe
Efficient multi-site replication	Implement cost-effective DR across multiple sites
SLA-driven workflow	Workflow optimized for SLA-driven data protection lifecycle <ul style="list-style-type: none"> Manage explosive growth in data and virtualized applications Set & forget policy for protection and management Global view of recovery points Single view to schedule/manage local backups, onsite/offsite replication, retention schedules and DRaaS Proactive error detection and alerting Single workflow to protect and manage both physical and virtual infrastructures
Flexible recovery	Recover to dissimilar HW or virtual environments <ul style="list-style-type: none"> Ensures that recovery is timely & quick (v2v, p2p, v2p & p2v) Utilize resources on hand. No waiting for any specific resources Powerful host and agent-based data protection, complete with physical and virtual system recovery
Instant recovery	<ul style="list-style-type: none"> Recovery in Milliseconds using VirtualBoot IO read-ahead technology, irrespective of the VM size Recover files/folders in seconds and entire systems in minutes Direct recovery to primary store means no Virtual Storage Motion and no performance impact during recovery
Reliable recovery & Data Integrity	<ul style="list-style-type: none"> Automated, advanced reverification of backup images along with inflight verification ensures dependable backup images Smart retries, and self-healing repairs ensures service reliability Retained metadata for improved recovery experience Cold file access/recovery PKI-based encrypted channel communication for ensuring data integrity Best in class certified VSS integration for app-consistent data protection
Integrated DRaaS	Total business continuity with integrated DRaaS from StorageCraft <ul style="list-style-type: none"> Orchestrated, one-click virtual failover Self-service portal with no 3rd party intervention during recovery Replication and DR as a Service Seed/BMR drives and web download

OneXafe

OneXafe Appliances



Technical Specifications	4412	4417	5410
System Input Requirements	100-240 V AC, 10.7 – 4.2A max		100-240 V AC, 10.7 – 4.2A max
Power Supply	Dual output power 750W; output voltages +12V (75A), +5Vsb (4A)		Hot-pluggable, redundant 750W power supply units
Weight (empty, no disks)	73 lb. (33.1 kg)		49 lb. (21.9 kg)
Space Requirements (W x H x D)	19 x 3.4 x 28.1 in. (482 x 86.8 x 715.5 mm); 2 rack units		17.08 x 1.68 x 29.74 in. (434.0 x 42.8 x 75.55 mm); for x4/x10
Hard Drive Type	3.5" SATA (6 Gb/s) / SAS (6 Gb/s and 12 Gb/s)		2.5" SATA (6 Gb/s) / SAS (6 Gb/s and 12 Gb/s)
Operating Temperature and Humidity	10° C to 35° C (50°F to 95°F)		10°C to 35°C (50°F to 95°F)
Cooling	Six variable-speed fans		Eight variable-speed fans
File Service Protocols	SMB (1.0, 2.0, 2.1, 3.0); NFS v3		SMB (1.0, 2.0, 2.1, 3.0); NFS v3
Gigabit Ethernet Ports	4 x 10GbE BASE-T OR 4 x 10GbE SFP+ and 2 x 25GbE QSFP (optional)		4 x 10GbE BASE-T OR 4 x 10GbE SFP+ 2 x 25GbE QSFP (optional)
USB Ports	2 x USB 3.0 (front)		USB 3.0 (front)
Remote Lights-Out Management	iDRAC via 1GbE port		iDRAC via 1GbE port
Electromagnetic Emission and Compatibility	FCC Class A, EN 55022 Class A, EN 61000-3-2/-3- 3, CISPR 22 Class A		FCC Class A, EN 60950-1 or EMC, CISPR 22/CISPR 24 and EN 55022/55024, EU, India, Ukraine RoHS Directive 2011/65/EU, EU REACH
Drive Bays	Up to 12 x 3.5 in. (front)	Up to 12 x 3.5 in. (front) + 3 x 3.5 in. (mid) + 4 x 3.5 in. (rear) hot swappable	10 x 2.5" drive slots, hot swappable
Max Raw Capacity	144 TB (12 disks rated at 12 TB each)	204 TB (17 disks rated at 12 TB each)	38 TB (10 SSDs rated at 3.8 TB each)