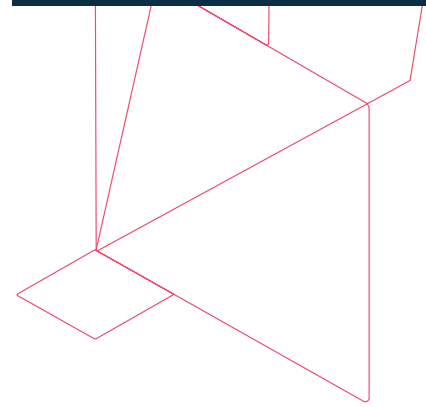


Simplifying data protection with backup appliances

Commvault HyperScale™ Appliances solves the challenges of modern data protection



Appliances have greatly simplified our everyday lives. We all appreciate their ease, convenience, and consistent service. Appliances bring the same benefits to IT. Backup appliances can greatly simplify data protection environments. They help streamline operations, reduce costs, and increase productivity. With a scale-out backup appliance, the benefits can be even further extended; a highly available and scalable solution that can deliver cloud-like services. It protects data wherever it is; from the remote office to multi-cloud, and across all storage tiers.

While some may consider appliances too expensive by only comparing hardware costs, the overall value of an appliance is significant. While the acquisition costs are a one-time occurrence, the time savings of a pre-built, fully integrated appliance can significantly grow over time and provide a positive total cost of ownership. Compare that to a do-it-yourself backup solution and all of the time it requires; dependencies to make it work correctly, managing multiple, separate components and the risk of delays or even failure. Read this solution brief to understand how a modern backup appliance can simplify data protection:

- Simplifying traditional data protection with a backup appliance
- How Commvault HyperScale™ Technology delivers greater availability and scale
- When your DIY skills are DOA, you need Commvault HyperScale Appliance
- Flexible appliance choices for your data protection needs
- 10 benefits of Commvault HyperScale Appliances
- Commvault HyperScale Appliances for modern data protection
- Learn more what Commvault HyperScale Appliance can do for you

Simplifying traditional data protection with a backup appliance

A backup appliance saves time because it is a fully integrated platform. It is a single solution versus traditional backup servers which require multiple, separate components; OS, backup software, server, storage, and networking cards. Having to manage all of these components individually is time-consuming, costly, and increases the risk for errors. In an ESG survey, simplified management was a realized benefit from a converged/hyperconverged infrastructure by 54% of organizations.¹

54% organizations realized "simplified management" from a converged/hyperconverged infrastructure.¹

¹ ESG Research Insights Brief: The Role of Converged and Hyper-converged Infrastructure in IT Transformation, The Quantified Effects of Organizational Use of CI/HCI, May 2018.

The specific areas of simplified management are evident across five areas; acquisition, installation and integration, management, patching and upgrades, and support.

	Do-it-yourself backup server	Integrated backup appliance
Acquisition	Responsible for researching the solution, identifying all the pieces and parts, verifying compatibility, internal approvals, ordering from several vendors, and tracking multiple shipments.	A single solution that has been designed and tested for data protection. One SKU simplifies ordering.
Installation and integration	Responsible for integrating the OS, backup software, server, storage and network cards. Need to test and verify compatibility, and perform performance tuning.	One solution so your team no longer has to assemble, test, and monitor multiple components.
Management	All components are managed separately; making a simple change complex and time consuming. For example, expanding storage requires updates to the server, storage, and software before the change may go into effect.	With a simple management console, an IT generalist can monitor performance, set policies, and enable self-service capabilities.
Patching and upgrades	Need to track individual component software patches and firmware updates, verify compatibility, and test changes.	A single update puts you on the latest software version, eliminating the need to track compatibility across vendors.
Support	Puts you in the middle of determining what is the problem, and who does it belong to. Multiple vendors increase the time to resolution.	One call is all you will need to resolve any issue across the entire hardware and software stack. Eliminates vendor finger pointing.

How Commvault HyperScale Technology delivers greater availability and scale

Commvault HyperScale Technology is a complete solution built exclusively with Commvault Complete™ Backup & Recovery software on a scale-out architecture. You are able to take advantage of built-in coverage for over 200 platforms — spanning operating systems, applications, storage arrays, hypervisors, and public clouds — as well as application-aware backups, support for leading databases, comprehensive automation, and integration across all major cloud platforms. “Commvault really shines in terms of the level of integration it offers, its data center consolidation capabilities with scale-out, its ease of deployment, and its ability to connect to and then leverage an ecosystem of cloud providers,” says Christophe Bertrand, ESG Senior Analyst. “Both scale-out capability and cloud connectivity are driven by the software, not the hardware!”²

Built on Commvault’s industry-leading technology, it allows you to significantly decrease complexity and cost while increasing both scalability and IT agility across the data center and the cloud. Because this solution is pre-designed, built, sold and supported by Commvault, you’ll save time in hardware acquisition, installation and integration, daily management and patching and updating. Plus, you’ll enjoy streamlined, single-call support for the entire solution.

With a scale-out infrastructure, Commvault HyperScale Technology is a highly available, agile, and resilient system. It delivers a single platform for sharing compute and storage resources for greater hardware efficiency. Its management is through Commvault Command Center™ — a simple interface to manage, move, protect and use your data from remote offices to multi-cloud.

5 ways to reduce TCO with a data protection appliance. [Read >](#)

When your DIY skills are DOA, you need Commvault HyperScale Appliance

Commvault HyperScale Appliances are a turnkey solution built and supported entirely by Commvault. The appliance form factor saves time in hardware acquisition, installation and integration, daily management, as well as patching and updating. With the scale-out design, you can seamlessly grow your data protection environment without the interruption and risk of a forklift upgrade. Scale out also provide greater resiliency and availability for improved services and fewer outages during upgrades and maintenance cycles. In addition, single call support simplifies the technical support process.

2 ESG White Paper, Scalable Data Protection with the Commvault Appliances Portfolio, By Christophe Bertrand, ESG Senior Analyst, January 2019

Flexible appliance choices for your data protection needs

Available in two different models to meet capacity, performance, and scalability requirements.

Commvault HyperScale Appliance 1300 is ideal for mid-enterprise environments requiring simple, easy-to-use solutions for data protection starting at 29 TB usable capacity.

Commvault HyperScale Appliance 3300 is suited for larger enterprise environments and managed service providers (MSP) that require greater density, scale, and performance. Starting with configurations of either 174 or 262 TB usable capacity, its scale-out infrastructure has the flexibility to protect PBs of data.

Both appliances deliver Commvault's industry-leading technology on a scale-out infrastructure for cloud-like scale, flexibility, and cost on premises.

10 benefits of Commvault HyperScale Appliances

- 1 **Simplicity:** A single, integrated platform to view, move, manage, and protect your data wherever it resides. Easy to support with limited IT staff.
- 2 **Lower costs:** With built-in resiliency and failover, it removes the need for expensive standby servers and storage arrays.
- 3 **Acquisition is a snap:** No need to research individual components or worry about compatibility. It is a single SKU based on a validated and tested design.
- 4 **Streamline installation and integration:** Appliance is tested, optimized for performance and installs quickly. Alleviate the need to integrate and install, test operation, monitor and adjust performance of multiple components.
- 5 **Efficient administration:** Quickly monitor performance, set data protection policies, and enable self-service capabilities with a simple user interface designed for IT generalists.
- 6 **Consolidated patching and updates:** Ensures you are always running the current version for greater feature, functionality, and security. No need to manage multiple components, or track revision levels of multiple hardware and software vendors.
- 7 **Scalable and flexible:** Storage pool can start small and expand dynamically as needed. Break the cycle and put a stop to forklift upgrades of scale-up products.
- 8 **Improved reliability and availability:** Always available storage pool that can be upgraded, replaced, or fixed without disruption of services for greater uptime.
- 9 **Automatic hardware upgrade:** Subscription-based pricing model offers a no cost hardware refresh upon subscription renewal.
- 10 **Simplified support:** Commvault is responsible for supporting all elements of the software and hardware stack. No more playing referee between multiple vendors.

The benefits of Commvault backup appliances are real, just ask our customers. "Now instead of multiple vendors we just use Commvault software, which means we have one point of contact, and can stop worrying about backups to focus on delivering great services to our customers," stated Marty Yurcheshen, Senior Systems Engineer at Alliant Credit.³

Commvault HyperScale Appliances for modern data protection

Commvault HyperScale Appliances are the answer for enterprises looking to streamline their data protection operations and infrastructure. “The Commvault appliance portfolio, powered by its enterprise-class software, should be considered and evaluated by any organization seeking to modernize its data protection infrastructure”, says Christophe Bertrand, ESG Senior Analyst. Built on Commvault’s industry-leading technology, HyperScale Appliances helps you solve the complexity and cost challenges while increasing scalability, availability, and IT agility.

Learn more what Commvault HyperScale Appliance can do for you

Calculate your **Commvault HyperScale™ savings** >

Schedule a demo >

Chat with a Commvault representative >

Three flexible ways to implement scale-out data protection. **Learn** >