Western Digital

Cost-Effectively Expand Your Veeam Backup Repository with Western Digital Ultrastar® Storage Platforms

Highlights

- Makes backup repositories simple, scalable and affordable
- Expands backup and archive capacity while freeing space on expensive tier-1 storage
- Maximizes capacity and enables simple scalability in the future at a fraction of the cost of competing solutions

Challenge

- Increasing requirements to store more data for longer periods of time
- Keeping pace with explosive data growth with a flat or shrinking IT budget
- Backup environments that are complex, expensive and unwieldy to manage.

Solution

The combined solution of Veeam Availability Platform software with Western Digital Ultrastar Storage Platform protects all your virtual, physical and cloud-based workloads through a single management console. This validated "Veeam Ready Repository" is highly reliable, easily scalable and creates an economical data protection environment that makes data backup and archiving simple and affordable.

Solving the Escalating Data Backup Challenge

Your data is your organization's most valuable resource. It fuels innovation. Strengthens customer relationships. Guides the strategic decisions that can make or break your business. But, as you generate more data and store it longer, you face a growing challenge: the high costs and spiraling complexity of data protection and archiving. It doesn't have to be so complicated. By combining the industry-leading Veeam Availability Platform with Western Digital Ultrastar Storage Platforms, you can add scalable, highly reliable capacity to backup repositories and archives—easily and affordably.

A Winning Partnership for Data Backup

The Veeam Availability Platform is an industry leader in data protection, making it simple to provide fast, reliable backups for all your workloads. But what's the best storage hardware for offloading data to a scalable backup repository or long-term archive? In this stage of the data lifecycle, blazing-fast performance and advanced feature sets aren't the top priorities. Instead, most organizations want something simple and economical— storage capacity they can plug right into the server cluster, that just works.

Western Digital Ultrastar Storage Platforms provide the perfect direct-attached storage (DAS) solution. This family of "just a bunch of disks" (JBOD) platforms combines excellent density, strong performance, and flexible capacity in a simple, affordable solution. And each platform has been validated as a Veeam Ready Repository. A Simple, Scalable Backup Solution

Ultrastar Data60	Ultrastar Data102
Up to 60 Ultrastar HDDs (SAS or SATA)	Up to 102 Ultrastar HDDs (SAS or SATA)
Scales up to 1.2PB (raw) capacity in a compact 4U package	Scales up to 2.0PB (raw) capacity in an enterprise grade 4U form factor
Dual-port SAS for high availability or single-port SATA for lower cost	
Enterprise-grade redundant and hot-swappable PSUs, I/O modules, and fans	

veeam READY

Repository

A Simple, Scalable Backup Solution

With Veeam and Ultrastar Storage Platforms, offloading data is as easy as plugging in a direct SAS connection to the server. Within seconds, Veeam can start pushing data to the repository—no complicated configurations or complex architectures required.

The Ultrastar storage platform makes it easy and inexpensive to increase capacity. Start with as few as 12 HDDs and scale all the way up to 2.0 petabytes[1] (raw) as your backup repository grows—all in a compact 4U form factor. And, if you find you need even more capacity, daisy-chain four Ultrastar storage platforms together to expand to multiple petabytes of storage at a fraction of the cost of other solutions.
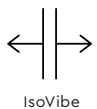
The Industry's Best JBOD Storage

Direct-attached backup repositories don't have to be complicated, but you wouldn't know it looking at other solutions on the market. Many high-capacity storage enclosures include features and performance that enterprises rarely need for backup and archiving, with a price tag to match. Others offer simple JBOD storage—but keep costs down by skimping on components, manufacturing, and warranties.

Western Digital Ultrastar storage platforms provide a simple, affordable DAS solution for backup repositories and archives that features Western Digital innovations, like patented IsoVibe™ vibration isolation technology to ensure consistent performance, and ArcticFlow™ thermal zone cooling, which reduces power consumption, improves reliability, and lowers TCO.
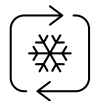
A Validated Veeam Partner for the Complete Data Lifecycle

Western Digital is a Veeam partner with "Veeam Ready" validated solutions that address the full data lifecycle for the modern enterprise. Ultrastar storage platforms can provide a simple and affordable DAS repository for large amounts of backup data. From data that can be spun up in seconds to restore critical sites, to long-term archives that store data for years, trust Veeam-validated Western Digital solutions across the full spectrum of your business' data.

Get Started

Finding the right data backup solution doesn't have to be a tradeoff between complexity, reliability, and costs. By combining Veeam Availability Platform with Ultrastar storage platforms, you can deploy a simple, reliable, and massively scalable backup repository—at an affordable price.

[1] One terabyte (TB) is equal to one trillion bytes and one petabyte (PB) is equal to one thousand TB. Actual user capacity may be less due to operating environment.

Ultrastar Data102 and Ultrastar Data60 Storage Platforms

IsoVibe Vibration Isolation Technology

Precise cuts in the baseboard provide a suspension for the drives in the chassis, isolating them from transmitted vibration. The result is that consistent performance is maintained, even when all the drivers are working hard.

ArcticFlow Thermal Zone Cooling Technology

By Introducing cool air into the center of the chassis, drives operate at lower and more consistent temperatures than conventional systems. This results in lower fan speeds, reduced vibration, lower power consumption, quieter operation and ultimately higher reliability.

Western Digital.