Virtu**Cache**
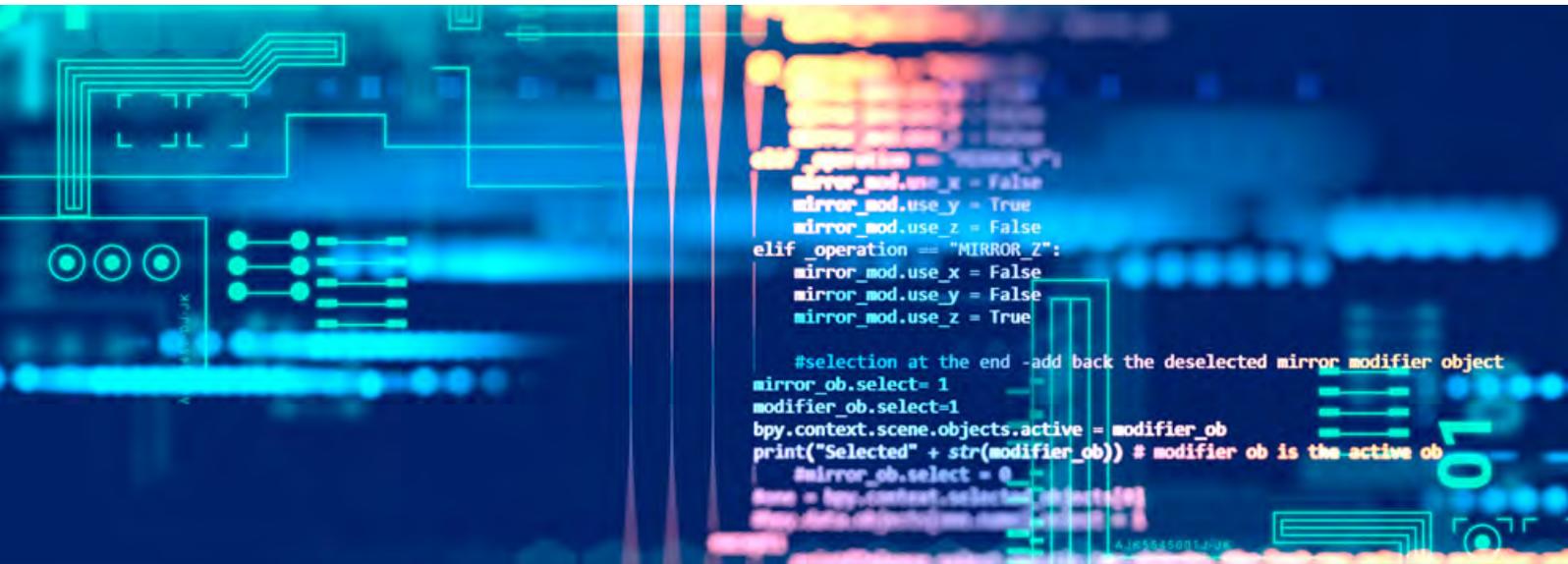
TURBOCHARGE VMWARE

Turbocharge your VMware environment

▶ Turn your existing SAN into the **performance of 'All-flash' without the cost**

▶ **FREE to download**, test, then $167 per month per Host (AUD, ex GST) billed annually

▶ **Superior performance** of all applications, including database, VDI, BI and analytics

VirtuCache for VMware

Superior VMware performance is only a click away. VirtuCache takes your existing SAN storage and gives it the performance of Flash by moving active data - both reads and writes to RAM or a small amount of flash on the Host.

The faster the cache (RAM > NVMe >SSD) the faster the performance.

The larger the cache, the more active data can be stored in the cache. Ideally, all active data lives in the cache.

Fast. Easy. Affordable.

Typical use cases:

▶ Extend the life of any SAN with NVMe/SSD like performance.

▶ Increase VDI performance and VM Density.

▶ Give older Test/Dev storage superior performance without an expensive upgrade.

▶ BI and data analytics run faster, much faster.

▶ Database acceleration for faster processing – do more with the same compute and finish tasks faster.

The Problem: Sluggish SAN performance

Why? An application in a guest VM requests some data. That request must travel through the compute, over the network to the SAN appliance, which then searches the spinning disks to find that data and then deliver it back over the network and eventually back to the VM. Writes are even more resource intensive. This is called latency and is the #1 cause of poor VMware performance.

The 80:20 Rule

Typically 80% (up to 95%) of all data is inactive, cold or stale and may never be accessed again - yet it is sitting on some of your most expensive storage – Why?

The Solution: It is surprisingly simple for VMware

If you move the 1% to 3% of hot data into RAM (hot cache) and the rest of active data (5% - 20%) into NVMe or SSD located on the same backplane as the VM's, compute and RAM - this will deliver vastly superior, often exceptional performance for all applications at a fraction of the cost of purchasing a Flash Array, HCI (hyper-converged infrastructure) or upgrading existing storage.

No changes to any applications, the VMs or the backend SAN storage. Simply affordable performance.

vm**Software**

Reliability and Resilience

Reads are inherently safe by their nature. With VirtuCache all writes are synchronously committed to a second non-volatile SSD on another Host in the VMware cluster to avoid data loss in the event of a Host or SSD failure. In the background, all writes are sync'd with your existing SAN storage and throttled to avoid IO performance issues. VirtuCache supports VMware's advanced features including VAAI, Snapshots, DRS, Linked Clones, vMotion, HA and Storage vMotion.

Download, test, validate and deploy in minutes

The VirtuCache installation is non-disruptive, non-intrusive and does not require a reboot. To test, simply download VirtuCache, **https://Bit.ly/VirtuCache**, register and install the 30 days free trial and allocate some spare RAM on your Host. Run IOMeter (or similar) before and after to prove the performance improvement at zero cost and zero risk to you.

System Requirements and deployment details

▶ Supports VMware 5.x and 6.x - including any operating system on the guest VMs

▶ Cache data to any NVMe, PCIe, SAS and SATA interface-based Flash card or SSD

▶ Cache data from any SATA, SAS, FC, iSCSI, and FCoE based shared storage SAN appliance

▶ Installation does not require a reboot

Affordable and flexible

Only $167 per month per VMware Host (AUD, ex GST) billed annually. Visit **https://Bit.ly/VirtuCache** for more information and to download a trial.

Storage on tap - reduce the cost and complexity of large capacity storage with VirtuStor

If it is time to replace your existing SAN, or consolidate your storage arrays and you are frustrated with their cost, complexity and migration pains? VirtuStor - Scale-out Server SAN software solution is one of the most cost effective, scalable and small form factor Server SAN solutions available. VirtuStor seamlessly integrates with VirtuCache to deliver superior performance for your entire VMware infrastructure.

VirtuStor
SCALE-OUT SERVER SAN

Test Drive VirtuCache Today
Transform your storage and transform your business.

Register for our no cost trial program.
https://Bit.ly/VirtuCache

VirtuCache delivers an exceptional performance improvement on your VMware systems without cost or complexity.

ONLY $167
per month / per Host
(AUD, ex GST) billed annually

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