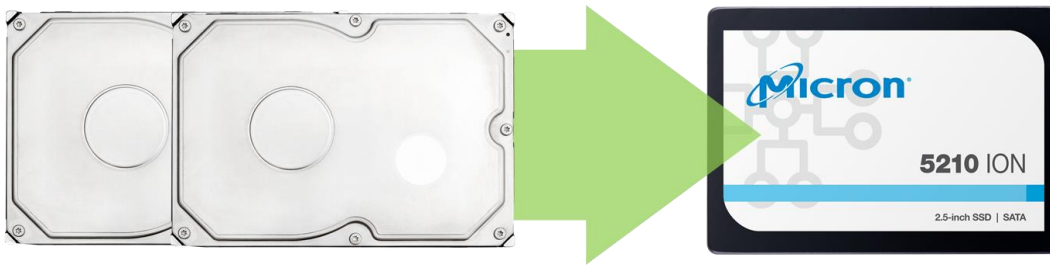




Virtualization (vSAN)

Affordably transition to all-flash vSAN. Replace HDD capacity tier with qualified SATA QLC SSDs at a similar cost. All-flash supports more VMs per node. The Micron® 5210 delivers.



Micron 5210 QLC SSDs vs. Legacy HDDs

Capacity Tier Comparison	Hybrid	All-Flash	Improvement
AF-8 / HY-8	100 VMs	120 VMs	20%
AF-6 / HY-6	50 VMs	60 VMs	20%
Relative Cost	Low	Similar	Affordable All-Flash

VMWare vSAN hardware guidelines: 1.92TB Micron 5210 vs 2.4TB 10K HDD public specs

5210 Advantage **\$\$\$** **Affordable All-Flash**

How much is your time worth?

Typical vSAN Capacity Tier Workload

Storage access pattern: random reads & writes

Storage IO size: 4K

Read/write ratio: 80% read / 20% write

How the workload works:

- All reads & writes are random
- Capacity tier requires multiple drives & hybrid configs typically use 10K HDDs
- The 1.92TB Micron 5210 exceeds vSAN capacity tier endurance & performance requirements – all at similar cost & capacity to 10K HDDs

Ready to learn more? [See the official vSAN 5210 certification](#)