

5

Top 5 Reasons to deploy Microsoft Hyper-V with Tegile

The demand for data and the rapid rise of virtualization is challenging IT departments to deliver increased storage performance, scalability and capacity, while maximizing efficiency and costs. Tegile Flash Storage Arrays with IntelliFlash delivers this by boosting utilization and efficiency while delivering unmatched storage savings and performance.



1

Accelerate Hyper-V Virtual Machines and Consolidate More Applications

Performance concerns often keep several key applications from being virtualized. Tegile intelligent flash storage arrays are built from the ground-up to address performance challenges around virtualization. The arrays deliver low latency and high IOPs for business-critical applications like VDI, SQL Server, Share Point, and Exchange. Tegile arrays deliver 5X the performance of traditional storage arrays at 1/3rd their cost. With Tegile arrays, you can virtualize more performance-hungry applications with confidence.

2

Reduce Storage Footprint by Eliminating Redundant Data

Storage capacity requirements for large scale virtualization often lead to complexity and high storage costs. Tegile's unique ability to deduplicate and compress data across SSD and HDD inline, cuts down storage capacity needs for Hyper-V deployments by up to 10X when compared to legacy enterprise storage. Furthermore, deduplication and compression act as performance multipliers by maximizing the use of flash storage in Tegile hybrid arrays.

3

Deploy Virtual Machines using Protocol of Your Choice

All Tegile arrays support multiple protocols – FC, iSCSI, CIFS and NFS. Provision storage for your Hyper-V virtual machines using a protocol that best fits your needs. Whether you provision storage for VM images using a block protocol (iSCSI or Fibre Channel) or a file protocol (Microsoft SMB), Tegile arrays offer a comprehensive portfolio of data management capabilities to store, protect, optimize and mobilize virtual machine data with ease. Instead of deploying disparate arrays from different vendors, consolidate multiple workloads on a single Tegile array.

4

Automate your Backups and Eliminate Downtime

System availability and data protection can be challenging in large Hyper-V environments. Data growth and limited backup windows exacerbate the problem. Tegile arrays are built to overcome these challenges. With an active/active controller architecture and a fully redundant system design with no single point of failure, Tegile arrays enable you to meet the demanding service levels of today's datacenters. Native integration of Tegile IntelliFlash™ operating system software with Hyper-V, coupled with Volume Shadow Copy Services (VSS) provider for space-efficient snapshots and clones ensure VM-consistent and application-consistent backups. Bandwidth-efficient remote replication, and programmable RESTful APIs integrated with PowerShell scripts enable automation of data protection tasks eliminating any information downtime.

5

Maximize Operational Efficiency and Reduce Total Cost of Ownership

As a Microsoft development partner, Tegile ensures timely certification and complete interoperability of IntelliFlash software with the latest versions of Microsoft Windows Server and Hyper-V. In addition to full protocol interoperability, Tegile intelligent flash arrays support the use of Cluster Shared Volumes (CSV), enabling fast and seamless migration of virtual machines between nodes in a Hyper-V cluster. By supporting CSVs, Tegile arrays reduce the cost and complexity of storage for Hyper-V deployments.



Compromise Nothing

Tegile Systems is a leading provider of intelligent flash storage arrays. Our mission is to accelerate the transformation of enterprise IT by changing the performance and economics of enterprise storage.

Our flash storage arrays, with patented IntelliFlash architecture, deliver high I/O and low latency for business applications such as databases, server virtualization and virtual desktops. Our customers achieve business acceleration and unmatched storage capacity reduction.

Tegile is backed by premier venture capital firms August Capital and Meritech and strategic investors HGST and SanDisk. Follow us on [Twitter @tegile](#) or give us a call: [\(855\) 583-4453](#) or [\(855\) 5-TEGILE](#)

www.Tegile.com