A Comparison of How StorMagic SvSAN and VMware vSAN Deliver on Enterprise Edge Computing and Storage Requirements

Organizations of all types and sizes need visibility and analysis into the data they collect in the moment and place that they collect it. To do so efficiently, they need edge computing solutions that can gather and process this data without incurring undue costs or overhead. In its latest Competitive Intelligence Executive Edition report, DCIG examines how solutions from StorMagic SvSAN and VMware vSAN deliver on these requirements at the edge.

Bundling Enterprise Features in a Small Package

Organizations crave information and insights from their data faster than ever. They also want to obtain these insights as economically and practically as possible. The challenge becomes processing this data where they collect it, wherever in the world that data may exist.

Historically, they would gather, transmit, and then store and process their data centrally. However, large enterprises with edge locations, small data centers, and small and mid-sized businesses (SMBs) each generate increasing amounts of data that they must quickly and cost-effectively process. To remedy this situation, they turn to edge computing solutions that possess enterprise features to perform these tasks.

Maturing technologies equip them to generate, store, process and transmit data in ways not easily achieved before.
Available at attractive price points, these technologies include: 5G cellular; the Internet of Things (IoT); more powerful processors; denser, faster storage media; and, resiliency at the edge.

Implementing Enterprise Features at the Edge

StorMagic and VMware have each come to market with hyper-converged storage solutions designed to meet the enterprise requirements at these locations. Their solutions each virtualize internal server disk drives and deliver high levels of availability and performance. Despite these similarities, distinct differences exist between their products. These minimally include:

- **Hardware configuration** that encompasses the type and amount of hardware required to support their respective edge computing solution.

- **Hypervisor support and licensing** that cover the type and number of hypervisors each solution supports and the upgrade paths each one offers.

- **High availability (HA) configurations** which involve how each one supports clustering and the implementation of a Witness Host.

- **Management** that gives organizations flexibility to manage the solution as part of their existing infrastructure without requiring costly changes to it.

Access the Full DCIG Competitive Intelligence Report

To access the full Executive Edition version of this DCIG Competitive Intelligence Report, follow this link to access and download the full report. It provides an in-depth examination of these two solutions from StorMagic and VMware. Using published documentation from each provider, DCIG details
how these two providers address these challenges and how well they meet edge requirements.