

Summary

Company: Features	Maxta Storage	(VSAN) VMware Distributed Storage
Product	Shipping since 2012	Not yet shipping
Architecture		
Hypervisor agnostic	[YES]	[NO] VMware vSphere Only
Full Storage Stack	[YES]	[NO] Require legacy VMFS for most data services
Simplify IT		
Single pane of glass management	[YES]	[YES]
VM-centric data services	[YES]	[YES]
Enterprise-class data services		
Data Integrity	[YES] <ul style="list-style-type: none"> End-to-end data integrity check Check and fix data corruption issues due to hardware 	[NO] <ul style="list-style-type: none"> NO end-to-end data integrity
Data Availability	[YES] <ul style="list-style-type: none"> No single point of failure and built from the ground up 	[NO] <ul style="list-style-type: none"> Failure of an SSD will cause the entire server to be rebuilt. This will result in having a single copy of data and resulting in single point of failure over extended periods of time reducing the availability of the solution.
Unlimited number of time/performance/space efficient VM level Snapshots and clones	[YES] <ul style="list-style-type: none"> Native snapshots and clones Space efficient, does not consume any space upon creation Takes sub seconds to create NO performance degradation on VMs even after creating 100s of snaps/clones 	[NO] <ul style="list-style-type: none"> NO native snapshots and clones Suboptimal performance <ul style="list-style-type: none"> Takes a long time to create Performance of primary VMs degrades once snaps/clones are created
Capacity efficiency (Thin Provisioning, compression and de-duplication)	[YES] Support native Thin Provisioning, compression and de-duplication	[NO] <ul style="list-style-type: none"> Leverage VMFS Thin Provisioning No Compression/de-duplication
Global namespace for simplified administration	[YES]	[YES]
Optimized for commodity SATA and Commodity cMLC SSDs)	[YES] <ul style="list-style-type: none"> Intelligently optimize mapping of VMs to storage resources Leverage SSDs for both read/write caching High capacity at low cost 	[YES] <ul style="list-style-type: none"> Leverage SSDs for both read/write caching High capacity at low cost