VMware vSAN Express Storage Architecture (ESA), introduced in vSAN 8, is an optimized and alternative architecture designed to process and store data with all new levels of efficiency, scalability and performance. vSAN ESA builds on the existing vSAN stack to leverage the powers of multi-core, higher memory and NVMe technology. This alternate architecture is optimized to take advantage of the full capabilities of modern hardware and is only available on new certified hardware.

Now, stronger than ever, their robust portfolio offers VMware vSAN Express Storage Architecture on certified Dell VxRail and Dell vSAN Ready Nodes.

Transform with an alternative VMware vSAN architecture

<table>
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<th>Original vSAN architecture</th>
<th>vSAN ESA</th>
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<td>Caching tier SAS or NVMe-SSD</td>
<td>Single tier NVMe-SSD only</td>
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<td>Capacity tier SAS, SATA, NVMe-SSD</td>
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Always ready to deliver the fastest and simplest path to your IT outcomes, VxRail delivers a turnkey experience. It can extend business operations faster, more reliably and with even more operational efficiencies. The simplest means to upgrade, update and patch your VMware, it is the only jointly engineered HCI system optimized for vSAN ESA, increasing vSAN performance fourfold.²

Optimize performance, efficiency, resiliency and agility

4X higher performance via lower latency³

4X better compression for reduced cost of ownership²

Instant snapshots native and efficient with zero performance impact

Agile and intuitive operations via consistent vSAN management

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Look for next-gen performance with hyper-efficiency
VMware vSAN Express Storage Architecture on certified Dell VxRail and Dell vSAN Ready Nodes

Harness Next-Generation Performance with Hyper-Efficiency

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20+ years
The Dell Technologies and VMware partnership continues to push the boundaries of innovation together.

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