

VMware Virtual SAN Assessment

Validate Virtual SAN's Benefits to Your Organization

AT A GLANCE

Virtualizing your servers with VMware vSphere® was a smart move, helping you reduce IT costs and increase the agility of your business. Now you can leverage your vSphere environment with the help of VMware Virtual SAN™ to create a software-defined, hyper-converged storage solution that is radically simple to manage and delivers high-performance at a lower TCO. The VMware Virtual SAN Assessment helps you plan and accelerate this next step with a free, comprehensive analysis of how Virtual SAN can fit into your vSphere environment, adding breakthrough capabilities and dramatic new value.

VIRTUAL SAN KEY BENEFITS

- **Performance and Scalability** — 1.5-5x faster than competitors with predictable, elastic scaling.
- **Choice** — Choose your preferred storage vendor, while meeting your exact needs with no waste.
- **Simplicity** — Use 2-click provisioning, integrated workflows, and policy-driven management to radically simplify storage operations.
- **Cost** — Reduce TCO 50% with simple to operate, easy to learn solution.

How the Virtual SAN Assessment Works

The VMware Virtual SAN Assessment uses a free SaaS-based VMware Infrastructure Planner (VIP) tool to run a free comprehensive analysis of your vSphere storage environment (i.e., I/O patterns). In just one week, the Virtual SAN Assessment uses the analysis to provide the following technical and business recommendations:

- Which VMs are a suitable candidate for Virtual SAN – Hybrid or All Flash
- Sizing and hardware recommendations (i.e., number of servers, SSD, HDD)
- TCO analysis compared to storage arrays

See Value in as Little as Seven Days with Customized Reports

This assessment provides TCO analysis, hardware guidance and sizing recommendations that prepopulate the Virtual SAN Sizing & TCO Calculator. You can export and share these reports to show the benefits of Virtual SAN and create a business case within your organization.



How Virtual SAN Works

Virtual SAN is hyper-converged storage designed for virtual machines.





The hardware-independent, scale-out architecture leverages x86 servers to drastically lower overall storage costs and provide the flexibility to scale in a linear, predictable manner. Because of its hyper-converged architecture and the fact that it's built into the VM kernel, Virtual SAN optimizes the I/O path, minimizing impact on the CPU. The distributed architecture allows elastic, non-disruptive scaling for both capacity and performance. This provides linear and granular scaling, with affordable investments distributed out over time.

By pooling server-attached flash-based storage, it can deliver high performance and predictable response times. It can also be configured as hybrid or all-flash storage.

Because Virtual SAN is built into the hypervisor, it delivers superior performance, along with better reliability, scalability, and lower total cost of ownership.

Start Your Assessment Today

Let us show you how the Virtual SAN Assessment can help you leverage your vSphere environment to put radically simple hyper-converged storage to work for your IT organization.

	<p>Simplicity “We can stand up a chassis with Virtual SAN in just hours”</p>
	<p>Performance “Our ERP queries that used to take 15 minutes are now processed in a matter of seconds”</p>
	<p>Scalability “We scaled out by adding 2 hosts to the cluster and scaled up by doubling the disks to a total of 74TB”</p>
	<p>Lower TCO “We reduced our storage costs by 60% replacing our traditional storage with Virtual SAN”</p>

