1. Learn About and Plan for vSAN
   1.1. Enterprise HCI with vSAN
   1.2. vSAN Design and Sizing
   1.3. Containers and VMware vSAN
   1.4. vSAN and NSX Primer

2. Getting More Out of vSAN: Deploy & Operate
   2.1. Getting More out of vSAN Pt.1
   2.2. SPBM for Mixed Storage - Integrated Management
1. Learn About and Plan for vSAN

A set of online education material designed to help you learn more about the vSAN technology, interoperability, and design.
1.1 Enterprise HCI with vSAN

VMware vSAN: Enterprise-Grade Storage for Hyper-Converged Infrastructure

This 60-minute session provides detailed insights into the technical facts and value proposition of vSAN as a storage platform for hyper-covered infrastructures (HCI). We will cover the scalable architecture and capabilities of the platform. The webcast also focuses on the new data services such as deduplication, compression, erasure coding and QoS, which are aimed at today’s enterprise use cases. We will conclude with a technology roadmap that goes beyond traditional vSphere use cases and will make the case for HCI and vSAN as a platform architecture for Cloud-Native Applications.

Watch the webcast.

1.2 vSAN Design and Sizing

Three Approaches to Deploying a Hyper-Converged Solution

In this two-part webcast series learn how to make VMware vSAN design and sizing exercises even simpler with careful planning at the outset. In Part 1, we’ll discuss three deployment options for vSAN and criteria for evaluating which one is best for you—VxRail, vSAN Ready Nodes, or “Build Your Own.” In Part 2, we’ll take a deeper look into sizing for performance vs. capacity-intensive workloads, sizing storage correctly for all-flash and hybrid, and much more. If you’re uncertain about how to size storage correctly in a vSAN environment, this technical deep dive will help.

Watch the webcast.

1.3 Containers and VMware vSAN

Prepare for Tomorrow’s Applications: Containers and VMware vSAN

The virtualization revolution of the past decade means organizations are well-positioned to evolve their current IT infrastructure to HCI and natively integrate compute, storage, and networking functions. The hypervisor-integrated architecture of vSAN provides numerous benefits for cloud-native applications, whether deployed alone or as the underlying storage services to Photon Platform. VMware vSAN focuses on addressing the unique requirements of cloud-native apps as we continue to accelerate the evolution to HCI with vSAN Watch this webcast replay and learn how HCI and new cloud-native applications are changing the approach to IT.

Watch the webcast.
Can vSAN and NSX co-exist on the same vSphere infrastructure? Yes! And you get all the advantages of network virtualization for hyper-converged infrastructure. Join this technical deep dive on networking configurations and deployment—including when and how to use Layer-2 and Layer-3 network topologies.

Watch the webcast.
2. Getting More Out of vSAN: Deploy & Operate

A webcast series designed to help improve your vSAN management and operations expertise. Ranging in topics from architecture and design philosophy through specific hardware and operational guidance.
2.1 Getting More out of vSAN Pt.1

Getting More Out of vSAN: Deploy & Operate

This series is designed to improve your vSAN management and operations expertise. In Session 1, we provide a thorough overview of vSAN’s architecture, commonly used terms, and the benefits of its unique in-kernel design. We discuss vSAN 2-node and stretched cluster configurations, use cases, and insight into the new features of vSAN 6.5 including 2-node direct-connect, automation with PowerCLI, and iSCSI access for physical servers. In Session 2, we cover server design form factors, how to choose the right HBA/RAID controller, all-flash vs. hybrid, CPU and memory overheads, and capacity planning. Finally, we cover network hardware options, switch performance, and overall design concerns including NIOC vs. CNS.

Watch the webcast.

2.2 SPBM for Mixed Storage - Integrated Management

Deploying SPBM for Mixed Storage

Learn how you can leverage the same storage policy based management framework across both HCI and traditional storage. Leverage vSAN and VVOLs for easy provisioning and management across mixed storage.

Watch the webcast.