

# Unlock petabyte-scale, disaggregated storage with vSAN Max

Support mission-critical and cloud-native workloads at scale

Enterprises rely on a variety of applications to run the business, each with unique resource needs.



ADVANCED ANALYTICS



AI APPLICATIONS



CLOUD-NATIVE APPLICATIONS



RELATIONAL DATABASES



VIRTUAL DESKTOPS



Diversity of applications and their scaling dynamics introduces complexity, driving the need for flexible infrastructure that enables applications to scale as the business demands.

VMware vSAN takes VMware vSphere and VMware Cloud Foundation storage to new heights with vSAN Max, an optional disaggregated deployment model.

vSAN Max enhances the value of running storage-intensive workloads on HCI by providing



GREATER FLEXIBILITY AND CHOICE



ELASTIC, INDEPENDENT SCALING OF STORAGE RESOURCES



OPTIMIZED RESOURCE UTILIZATION



UP TO 30% LOWER TCO

Users can elastically scale out petabytes of storage resources as demand changes.

— vSAN Max nodes offer

UP TO 360TB per host in a vSAN Max Cluster

UP TO 7X THE density of HCI nodes

STORAGE FOR more than 100 COMPUTE NODES PER CLUSTER

THE POWER TO SCALE OUT to over 8.5 petabytes in a cluster

Built on vSAN Express Storage Architecture, vSAN Max can accommodate massive data sets and meet stringent performance and resiliency requirements with



UP TO 3.6 million IOPS PER STORAGE CLUSTER

vSAN Max, like all vSAN environments, is natively integrated into the hypervisor for



EASE-OF-USE



CONSISTENT PERFORMANCE AT SCALE

With



SIMPLE, SINGLE-INTERFACE MANAGEMENT



THE SAME TOOLS YOU USE AND TRUST TODAY

Scale storage independently to optimize resource utilization and drive down costs with vSAN Max.

Learn more at [vmware.com/products/vsan](https://vmware.com/products/vsan)