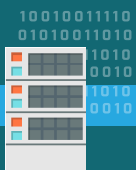PHOENIX

vmware

BRING THE EFFICIENT OPERATIONAL MODEL OF VIRTUALISATION TO STORAGE, WITH VSAN FROM VMWARE

To support with digital transformation and modernisation initiatives, many organisations are recognising the value in evolving a software-defined digital foundation.

THE STEPS TAKEN TO EVOLVE TO A DIGITAL FOUNDATION CONSIST OF:

Server virtualisation

Modernisation with Hyper Converged Infrastructure (HCI)

Consume as a service in the public cloud

Build a true hybrid cloud

VMWARE'S VSAN – AT A GLANCE

VMware's vSAN is a radically simple, enterprise-class, software-defined storage that powers VMware Hyper Converged Software solutions. vSAN is designed to support organisations building their digital foundation towards a true hybrid cloud and offers:

- Storage scale out architecture embedded in vSphere
- Optimisation for all-flash, with up to 100,000 IOPS per host
- Space efficiency features, deduplication and compression & erasure coding

- **10x** Up to 10x reduction in dataset size on all-flash
- Deep integration with VMware stack – making it ideal for VMware environments
- A single pane of glass management in the vSphere web client for compute and storage

HIGHLY RESILIENT, HIGH PERFORMING. ZERO DOWNTIME.

Simple to set up and delivered on a per VM basis, vSAN ensures **zero data loss** in case of disk, network or host failures.

Simplifies and automates storage management

Puts the app in charge using an **application-centric approach**

High performance with elastic and linear scalability

Designed to **ensure data is never lost** in case of failures
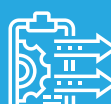
ACHIEVE ENTERPRISE-GRADE SCALE

In addition, vSAN offers maximum scalability per Virtual SAN cluster:
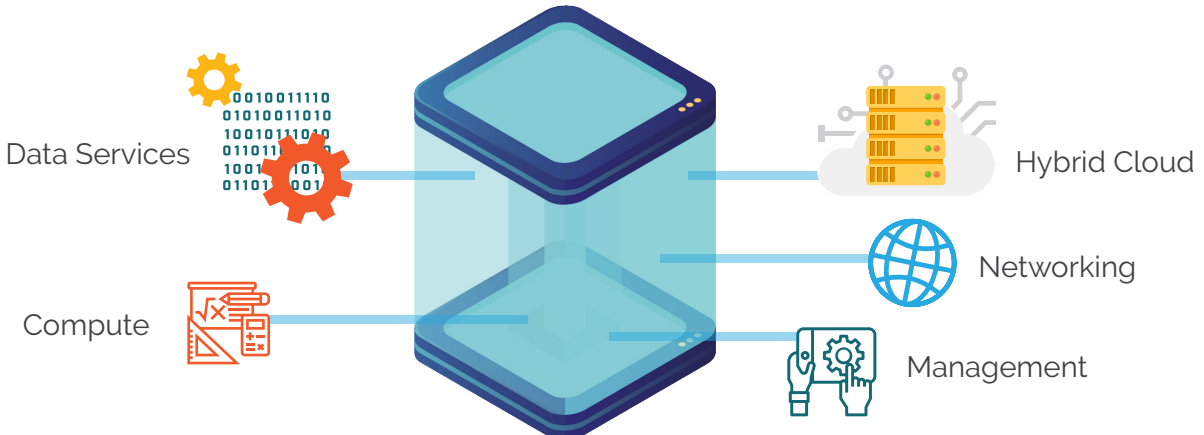
32 Hosts

3,200 VMS

2M IOPS

4.4 Petabytes

THE DIGITAL FOUNDATION - A NEW OPERATIONAL MODEL FOR THE HCI

With flexible deployment options across both on-premise and cloud environments, the digital foundation from Phoenix and VMware covers:

Data Services

Compute

Hybrid Cloud

Networking

Management

VMWARE PARTNERSHIPS

VMware works in partnership with all major cloud vendors – both on-premise and cloud, that are ready to run vSAN. This includes:

Public Cloud

Lenovo

DELL EMC

HEWLETT PACKARD

IBM Cloud

CISCO

Private Cloud

Microsoft Azure

IBM

aws

THE THREE PHASED MODERNISATION JOURNEY

VMware enables you to take your modernisation journey at your own pace - or offers three key phases to guide you through:

1

2

3

Phase 1
Begin with the core HCI powered by vSAN. Manage computing storage as one to enable greater operational agility while future proofing your infrastructure.

Phase 2
Evolve to the full stack HCI and build out a completely automated private cloud.

Phase 3
Extend to the hybrid cloud with a consistent operation model - no matter if on or off premise.

VMware's digital foundation provides the simplest path to the hybrid cloud. It empowers organisations to simplify their operations by providing common tools and operating models - regardless of underling infrastructure.

Ready to find out more about VMware's vSAN solutions?

We have a number of infrastructure and cloud assessments to help understand your requirements, followed by a workshop to define how vSAN can fit into your strategy. Contact us to start your digital foundation journey.

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vmware Principal Partner Data Center Virtualization

vmware Principal Partner Digital Workspace