

Top 5 reasons for vSAN

VMware HCI Software



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5 reasons for vSAN

#1: Natively Integrated

vSphere integrated HCI simplifies architecture, enhances security and maximizes performance



Seamlessly deploy, operate and manage with vSphere and vCenter integration



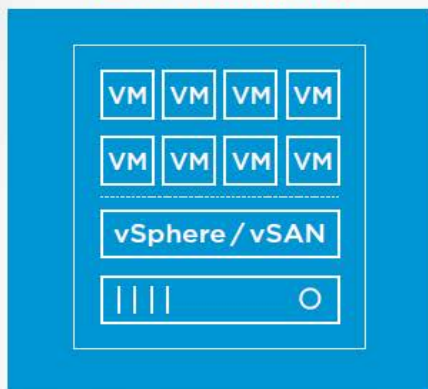
Native HCI encryption delivers cost savings and simplified key management



Turn-key compatibility with services: Backup, Replication, HA & DR

Native integration with vSphere and vSAN

vSAN In-Kernel HCI



- 2X CPU and 3X Memory Efficiency
- Native vMotion and DRS
- Simple, single management pane

Native data-at-rest encryption:



- Experience native HCI security with software-defined, data-at-rest encryption
- Hardware independent and does not require self-encrypting drives
- Works seamlessly with space efficiency features like deduplication and compression



Low overhead,
10x lower latency

“

If it's critical, it's probably going to go on vSAN.

**HERBALIFE
NUTRITION**

”

Less Overhead by full integration in agnostic Hypervisor



- ⊗ Storage VM consumes resources
- ⊗ Data paths are inefficient
- ⊗ Additional management bolted on

- ✓ More efficient CPU and memory utilization
- ✓ Hardware-agnostic HCI encryption
- ✓ Leverages vCenter management skills
- ✓ Native vMotion and DRS

Prepare for a Full-Stack, Digital Foundation for Edge to Cloud to Datacenter



5 reasons for vSAN

#2: Lower CapEx

Experience the benefits of HCI with the lowest dollar per IOPS

x86

Leverage x86 server economics from your vendor of choice



Leverage the latest server platforms without waiting for lengthy hardware refresh cycles



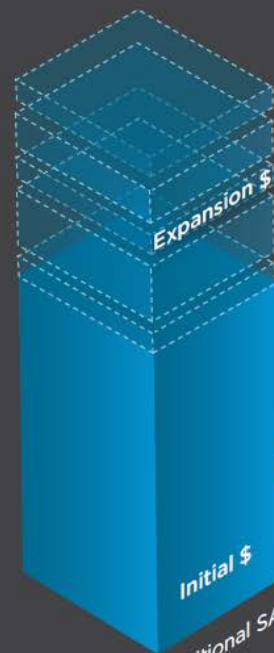
Buy just what you need, scale up or out with ease

Up to
50%
CapEx savings*



You want to do more with less. vSAN lets you do that.

- TRAVELERS



Traditional SAN

- High initial investment
- Inconsistent scaling
- Complex planning



HCI Powered by vSAN

- Lower initial investment
- Granular scale up and out
- Predictable outcome

5 reasons for vSAN

#3: Operationally Simple

Roll out infrastructure and applications with ease and limited training



Align storage policies with workloads, not with storage hardware constructs



Enable faster delivery of services with reduced staff overhead



Experience faster learning curve with a familiar and extensible management solution, vCenter



It really helps that we don't have to train for that extra expertise on the storage side.

SEKISUI
DIAGNOSTICS



Environment with
Traditional Enterprise SAN



Hyper-Converged
Infrastructure



One tool. One team.



What used to take our users 30 to 45 minutes to accomplish in the old environment, now takes less than 5 minutes!

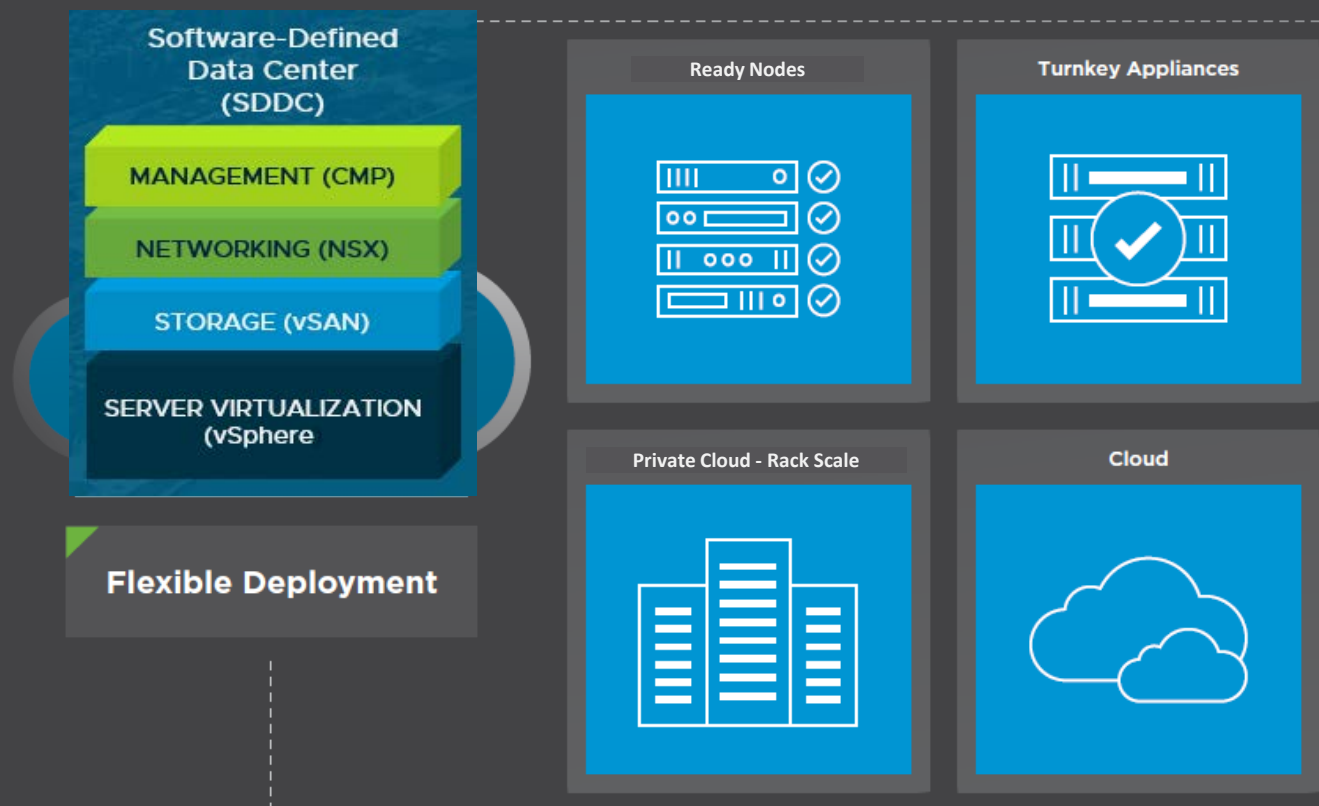
UNION
HOSPITAL



5 reasons for vSAN

#4: SDDC and Cloud Ready

Futureproof HCI with the widest deployment options - even public cloud



*The beauty of vSAN
is that it gives us
choice.*

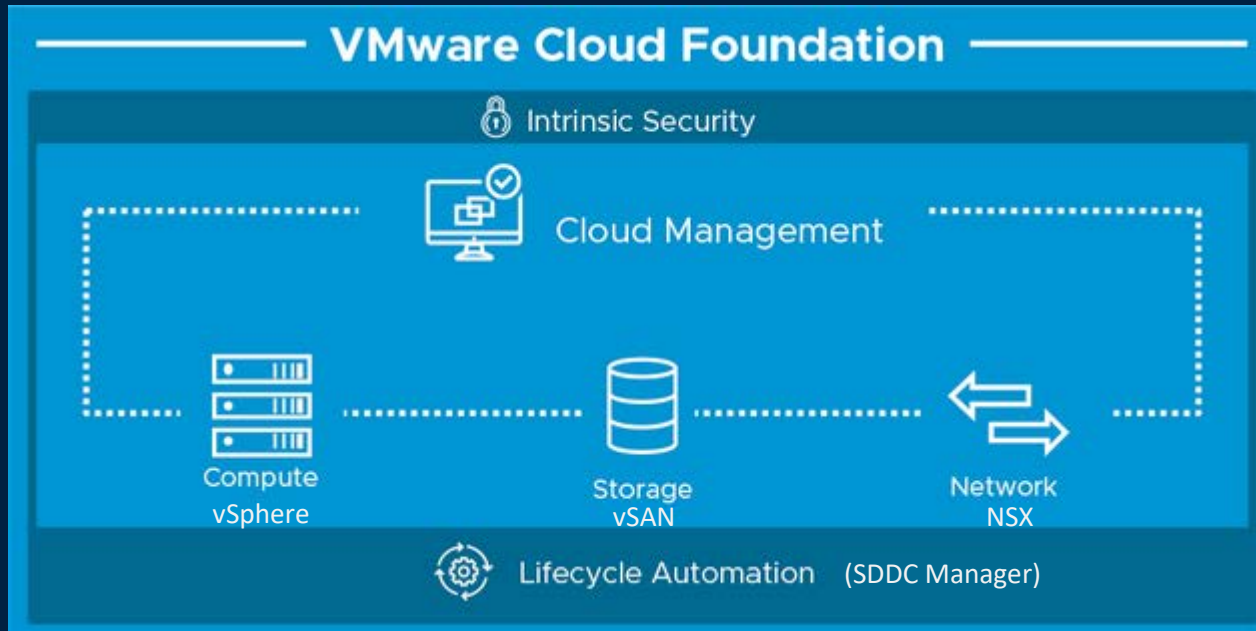
- **ADP**

Built by VMware, vSAN works with the breadth of VMware solutions like NSX, Horizon and vRealize. Combine vSAN with NSX to deploy a full software-defined data center.

VMware Cloud Foundation



Unified SDDC Platform For The Hybrid Cloud

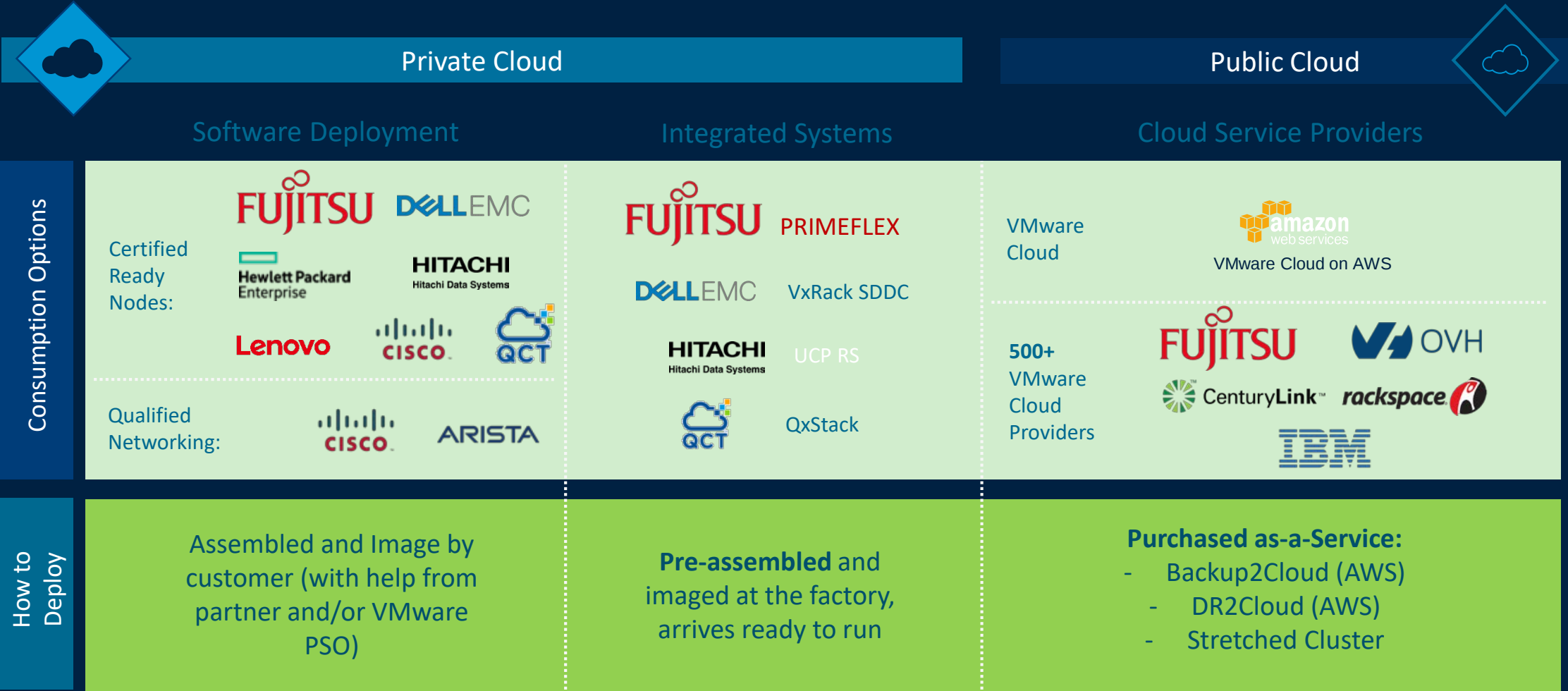


- Next generation hyper-converged platform
- Natively integrated cloud infrastructure stack: vSphere, vSAN, NSX, vRealize Suite
- Automates deployment and lifecycle of SDDC with VMware SDDC Manager
- Universal platform for any applications
- Available across private and public clouds



Broadest Partner Ecosystem and Flexible Consumption Options

Deploy VMware Cloud Foundation on premises and consume it as a Service



VMware Compatibility Guide:
vmware.com/resources/compatibility/search.php?deviceCategory=vcf

5 reasons for vSAN

#5: Natural expansion of market leading virtualization stack

vSAN fastest VMware product since ESX

>15.000 Customers



\$600M

Software run-rate Q4'FY18

#1

37% market share*



Top industry awards

5 Fragen zu HCI, die Sie sich bei der Auswahl stellen sollten:



1. Welches ist Ihr Hypervisor für Business Critical Workloads?
2. Welcher HCI-Anbieter unterstützt alle mir wichtigen Funktionen auf meinem gewählten HV?
3. Welcher Hypervisor bietet das größte Eco-System und beidseitigen Support?
4. Ist das Lizenzierungsmodell transparent und kann ich alle Folgekosten nachvollziehbar kalkulieren (SnS-Verlängerung, Nachkauf-Konditionen, etc.)?
5. Welcher Hersteller unterstützt HEUTE bereits - und ZUKÜNFTIG - meine Cloud-Strategie (Private- / Hybrid- / Multi-) ?

Thank You