

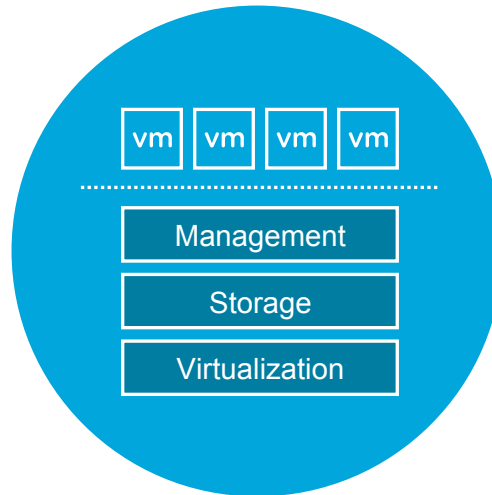
Dlaczego VMware vSAN zainteresował świat IT?

There is a Gap in the Market...

Traditional Storage



Hyper-Converged Infrastructure



Cloud Storage



Proven, performance, reliable
but complex, costly, slow TTM

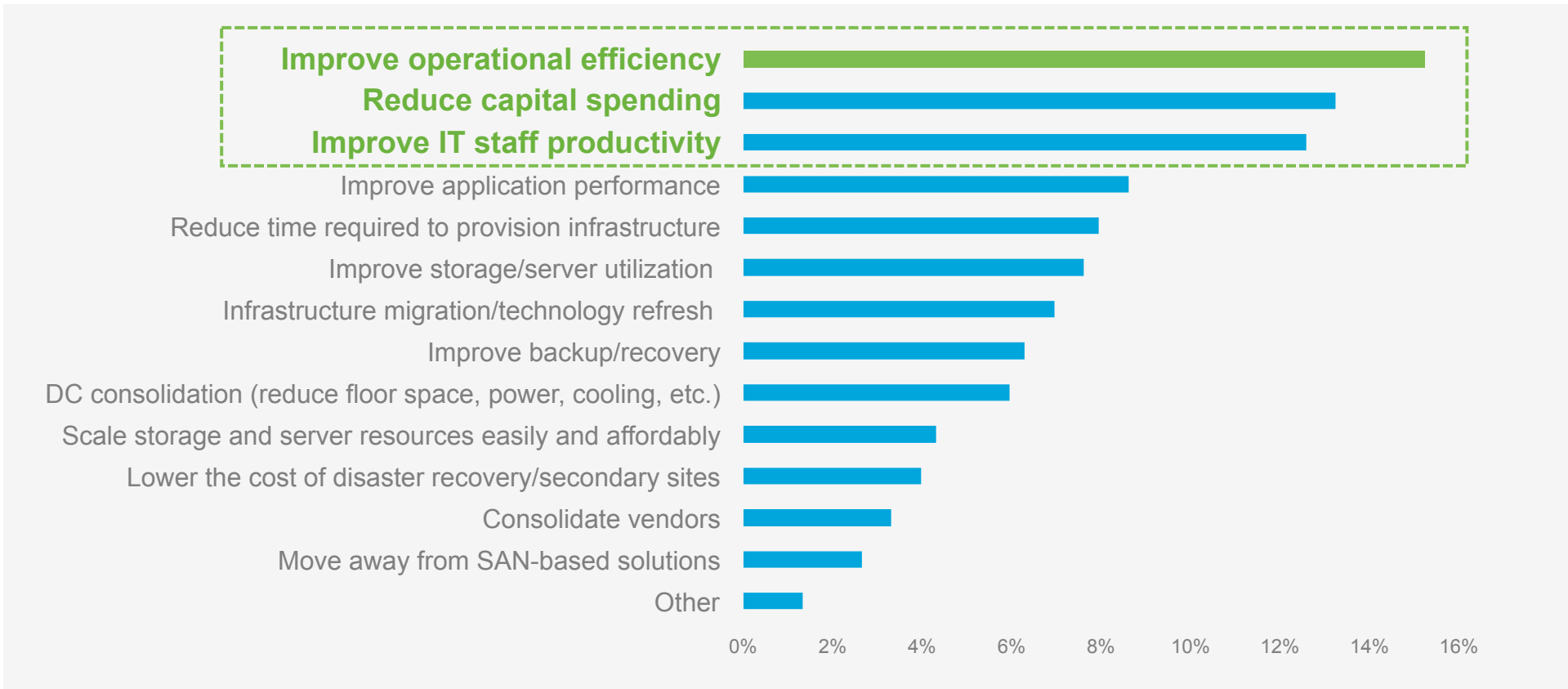


Simple, secure, low cost,
high performance,
Speed of IT (TTM)



TTM, no footprint, low \$/GB
but not enough performance (BCA),
not good place for sensitive data,
no cost control or flexibility

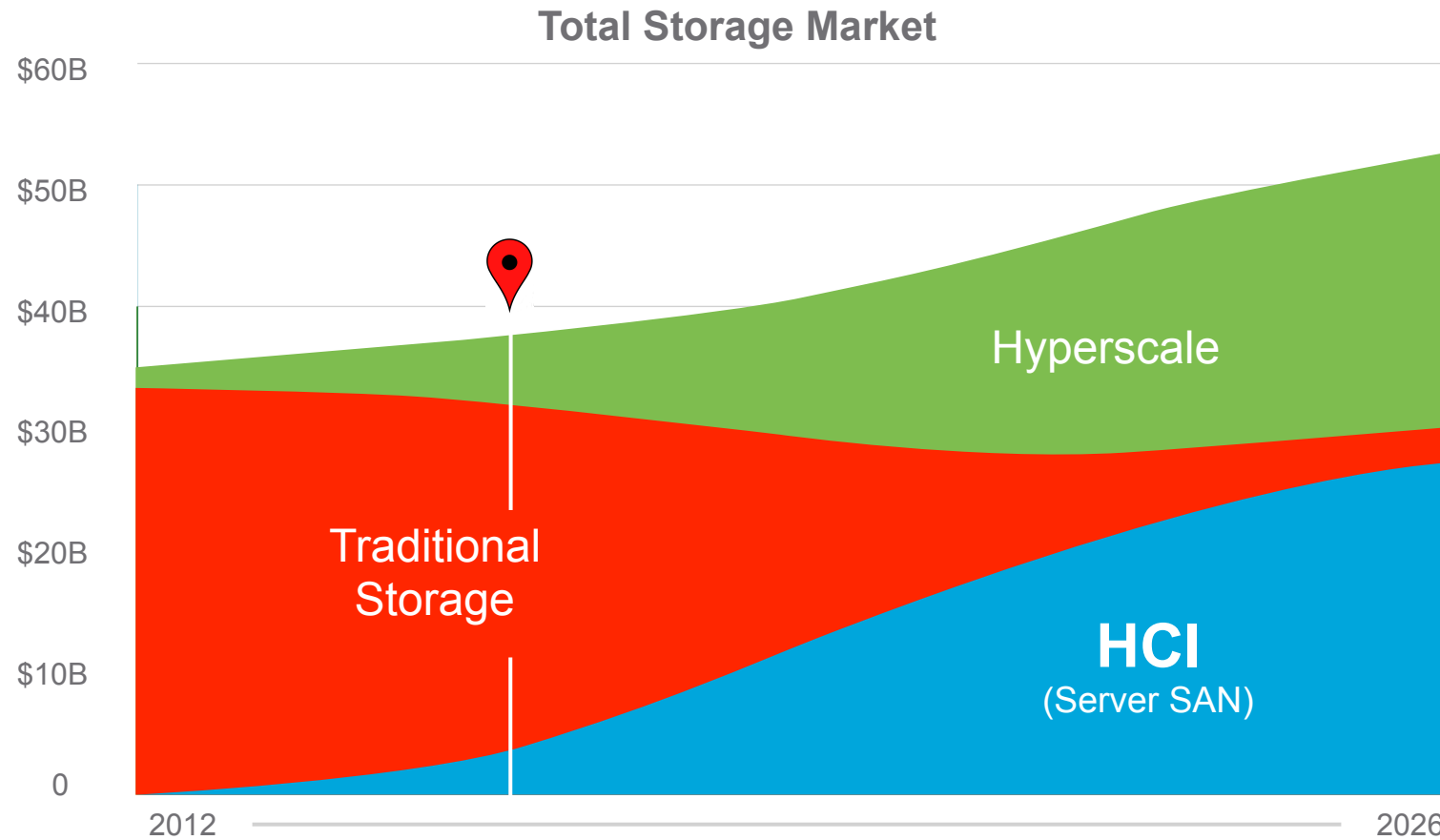
Businesses Need the Operational and Capital Savings of HCI



N=302

Only 1 Response Allowed

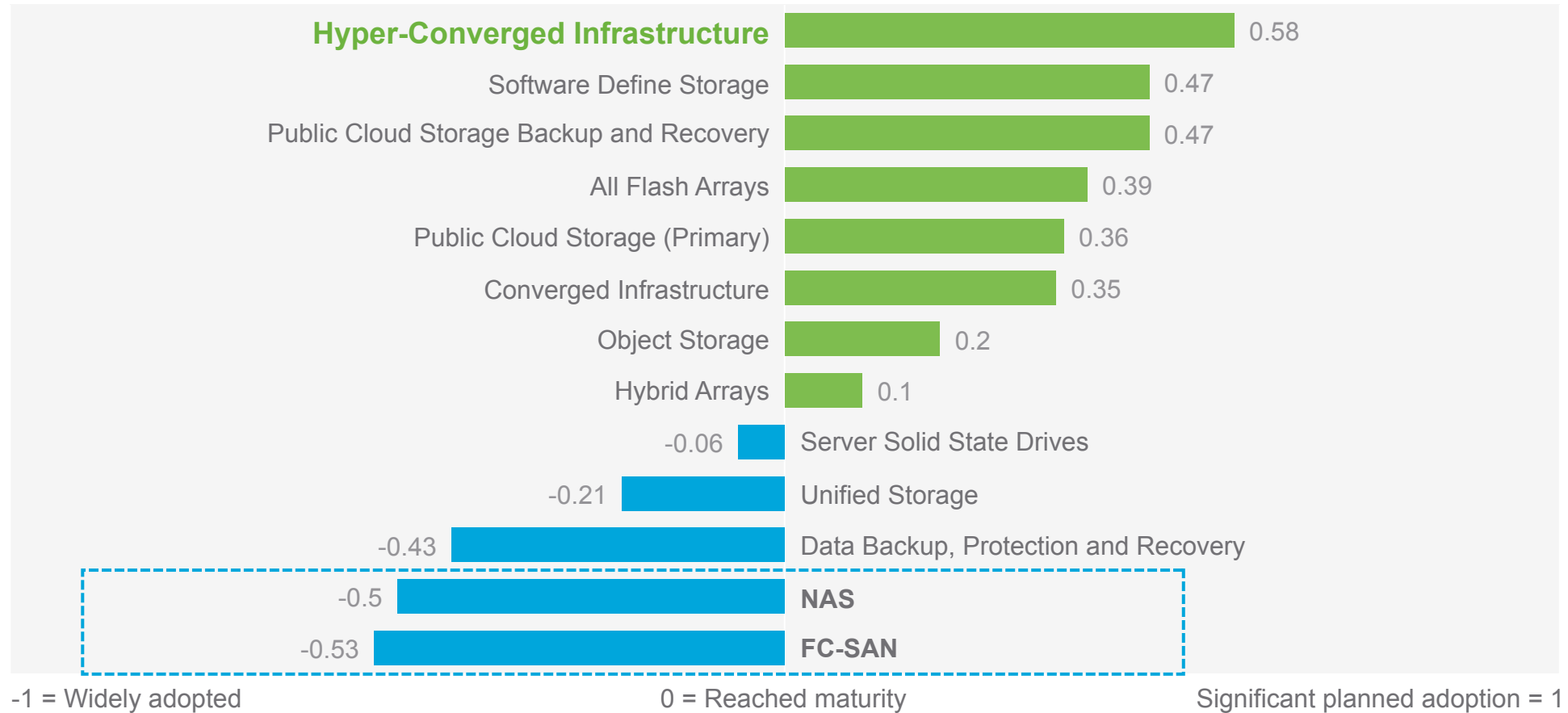
HCI is the Path to Tomorrow's Modern Data Center



Source: Wikibon Server SAN Research Project, 2016

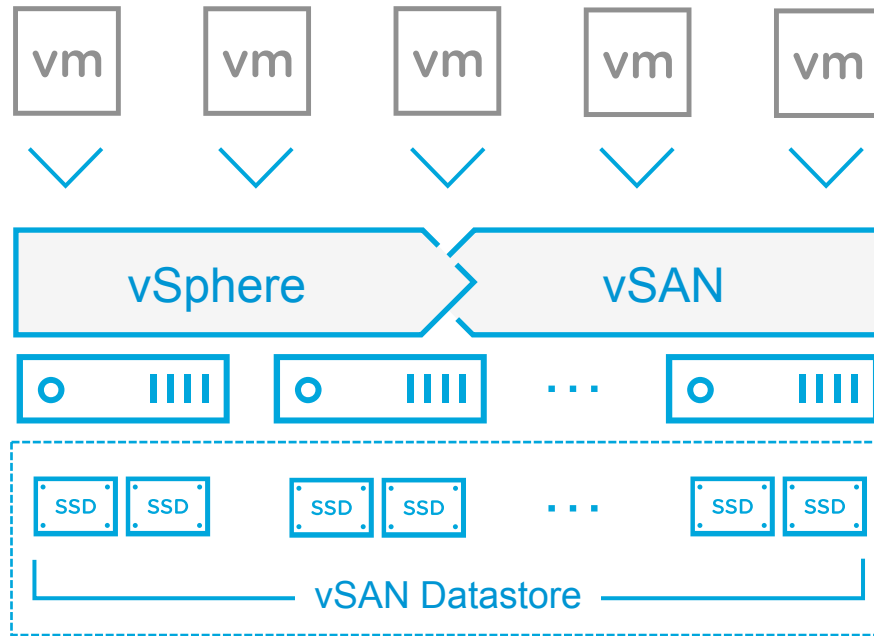
Customers Are Reducing SAN and NAS Purchases

Storage Market Landscape Study: Storage Technology Momentum Index™



©TechTarget Research Data Center Market Landscape Study 1H, 2017

What is vSAN?



Hyper(visor) Converged Infrastructure

Runs on any standard x86 server

Pools HDD/SSD into a shared datastore

Delivers enterprise-grade scale and performance

Managed through per-VM storage policies

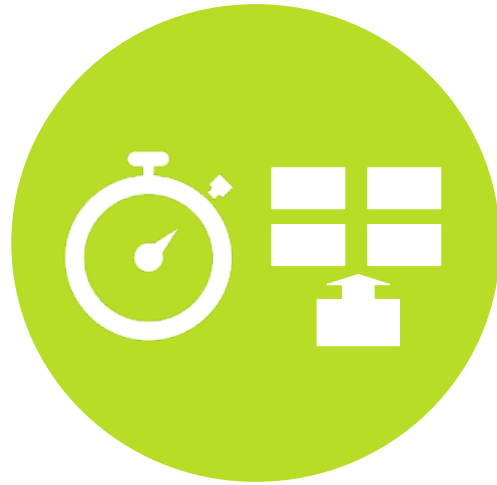
Deeply integrated with the VMware stack

What is vSAN value?



SIMPLICITY

- Simple Infrastructure architecture
- Simple Install & Config
- Simple Management
- Save space-constrained, energy, cooling, etc.



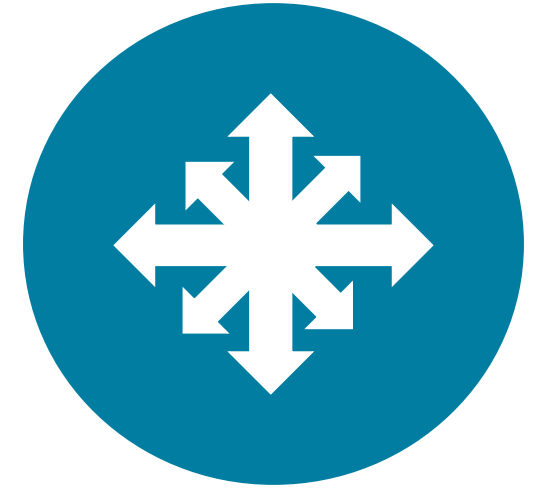
PERFORMANCE AND SCALABILITY

- High performance
- Low latency
- Linear scalability: "pay-as-you-grow"



COST

- Lower Infrastructure costs (CapEx)
- Lower technical knowledge costs & management costs (OpEx)
- TCO



CHOICE

- No vendor locking
- Architecture choice: BYO, vSAN RN, VxRail etc.

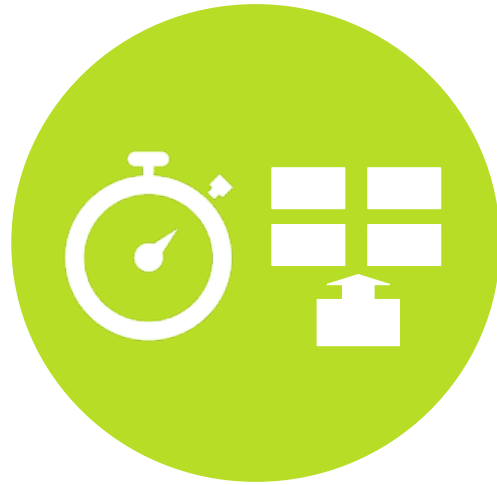
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vmware®



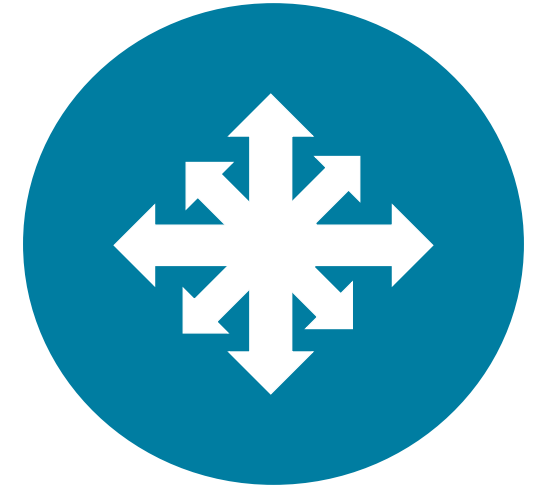
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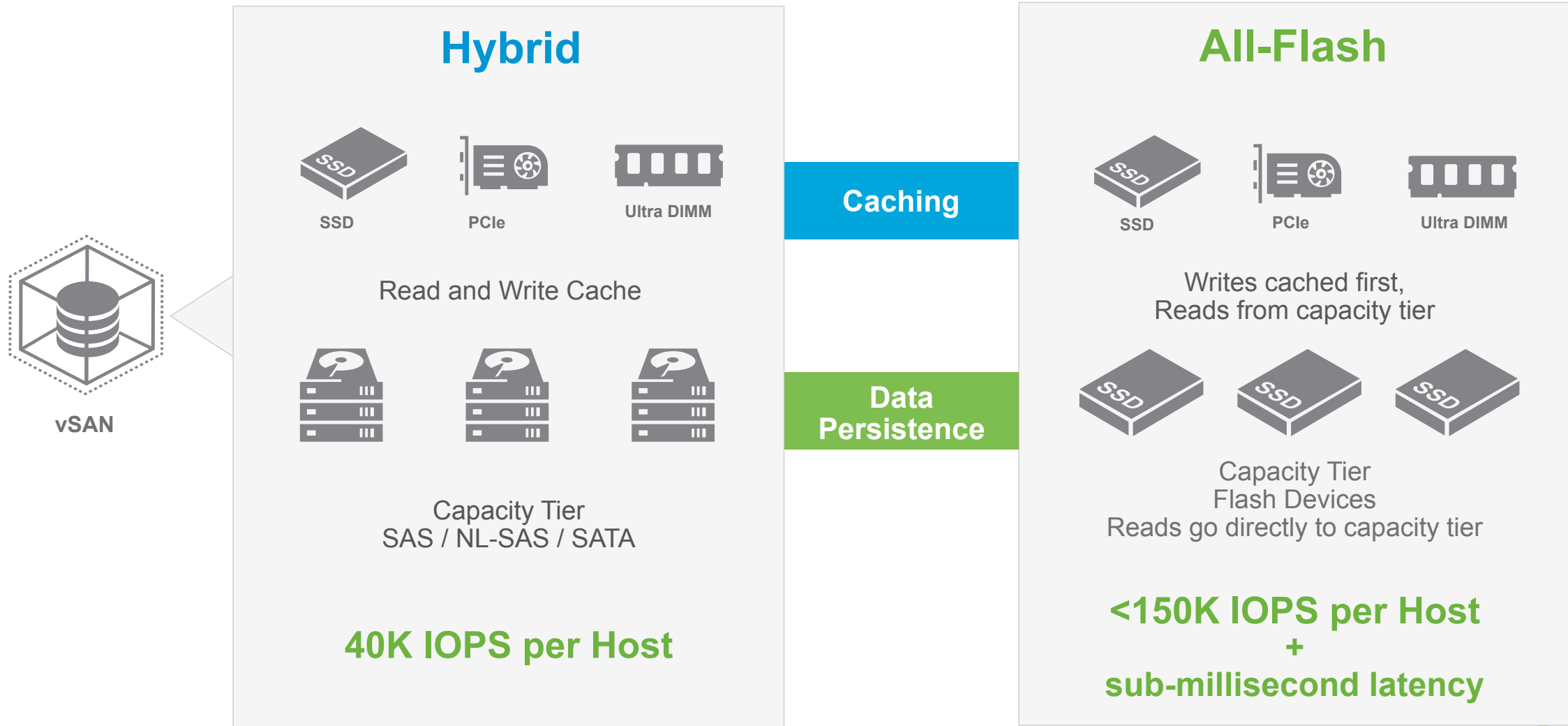
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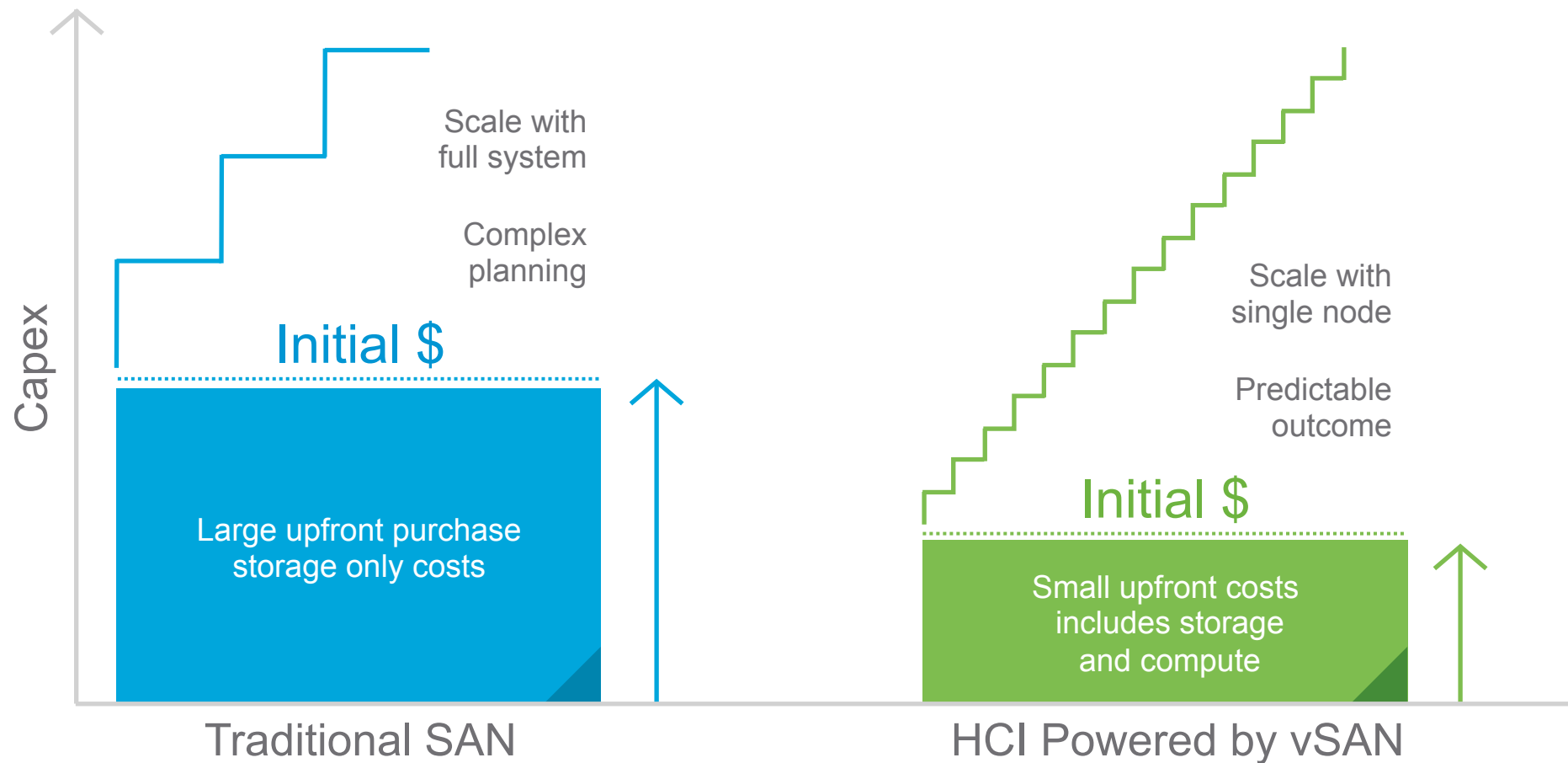
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Performance: Tiered Hybrid vs All-Flash



Scales On-Demand: Predictably and Cost-Effectively



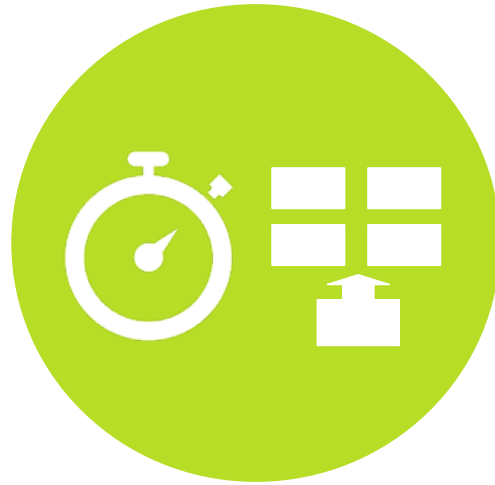
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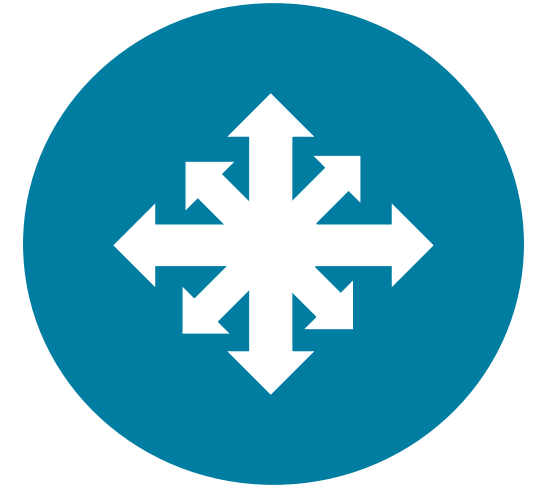
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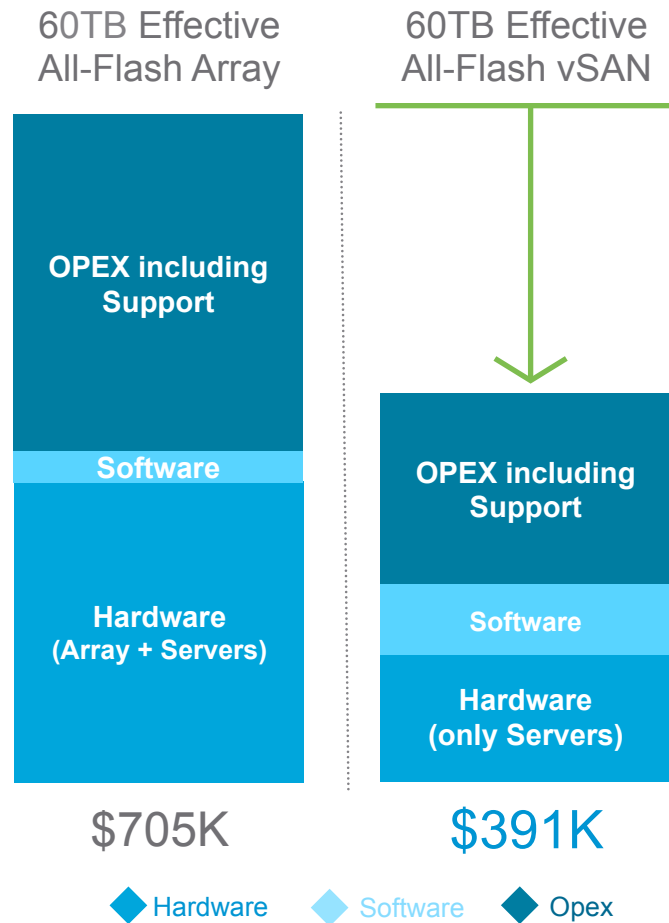


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All-Flash vSAN Reduces TCO by 45% vs. All-Flash Arrays

Eliminate expensive custom hardware and save 45% over a five-year period



45%
Lower Cost than
All-Flash Arrays

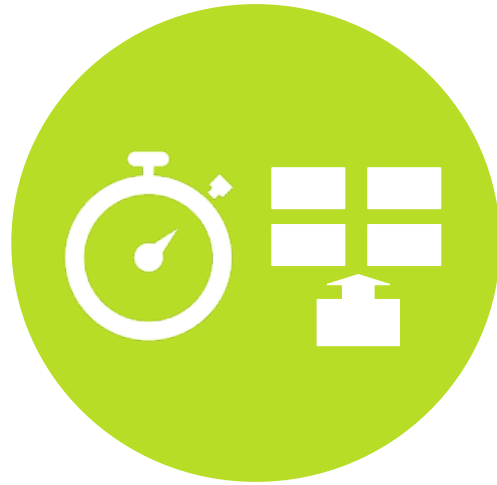
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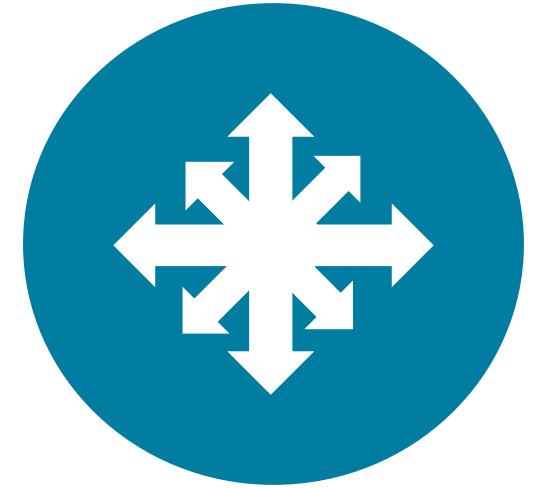
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Choice

Built on Industry-Leading VMware Hyper-Converged Software (HCS)

Build Your Own

Choose individual components ...

Any Server on vSphere Hardware Compatibility List



SSD or PCIe



SAS/NL-SAS/SATA HDDs



HBA/RAID Controller



...using the vSAN Compatibility Guide

Certified Solutions

VMware HCS
vSAN + vSphere + vCenter



vSAN Ready Nodes

Engineered Appliances

VMware HCS
vSAN + vSphere + vCenter

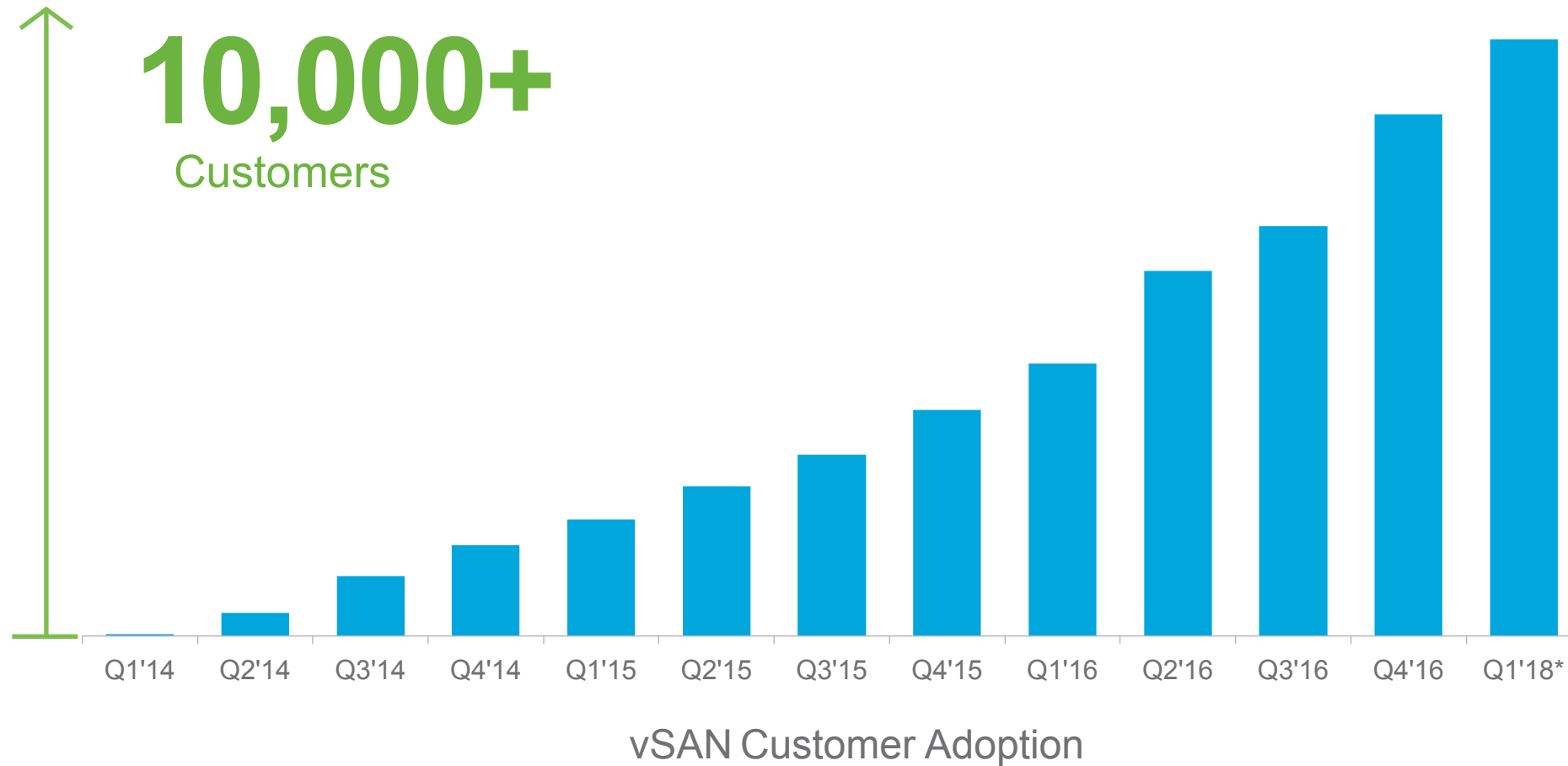
VxRail Manager

VCE VxRail HCI Appliance

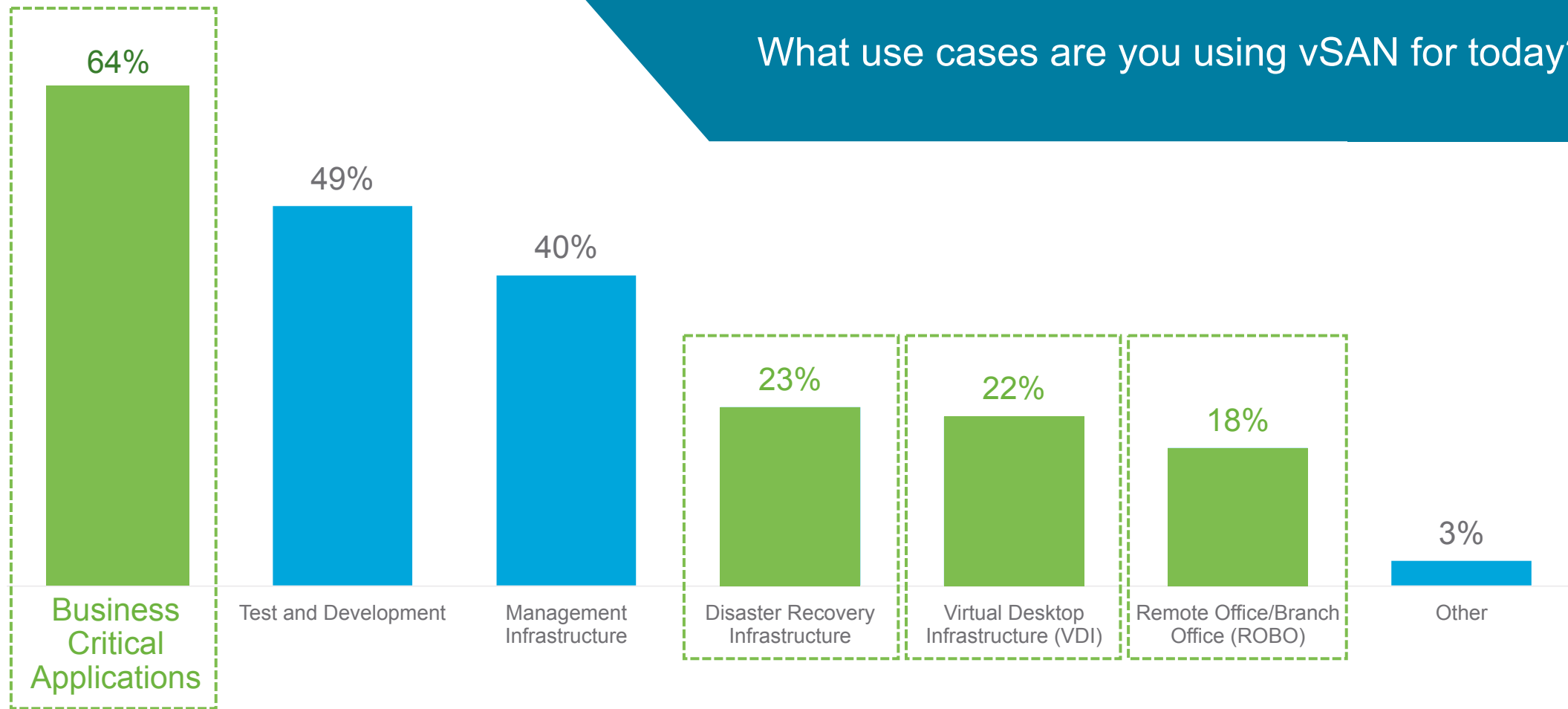
SDDC Integrated System

The SDDC Integrated System is a vertical stack of components. From top to bottom: a light blue box labeled 'Cloud Foundation' containing a dark blue box 'vRealize', another dark blue box 'NSX', and a third dark blue box 'VMware HCS vSAN + vSphere + vCenter'. Below this stack is a dark blue box 'SDDC Manager'. The entire stack is supported by a green box labeled 'Certified Partner Hardware'.

vSAN is the Most Popular HCI Solution



More customers than ever are trusting vSAN to run their Business Critical Apps



Source: vSAN Customer Survey, 2016



Thank You

@vmwarevsan