



The Boom of Hyperconverged Infrastructure

WHY IS HYPERCONVERGED INFRASTRUCTURE A GOOD IDEA?

Hyper-converged infrastructure (HCI) is a framework that combines storage, computing, and networking into a single system so organizations can reduce the complexity of their data centers through virtualization and software defined storage and networking



Sales from hyperconverged systems hit

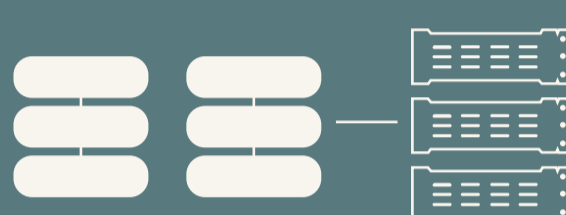
\$1.3 billion

in the first quarter 2018

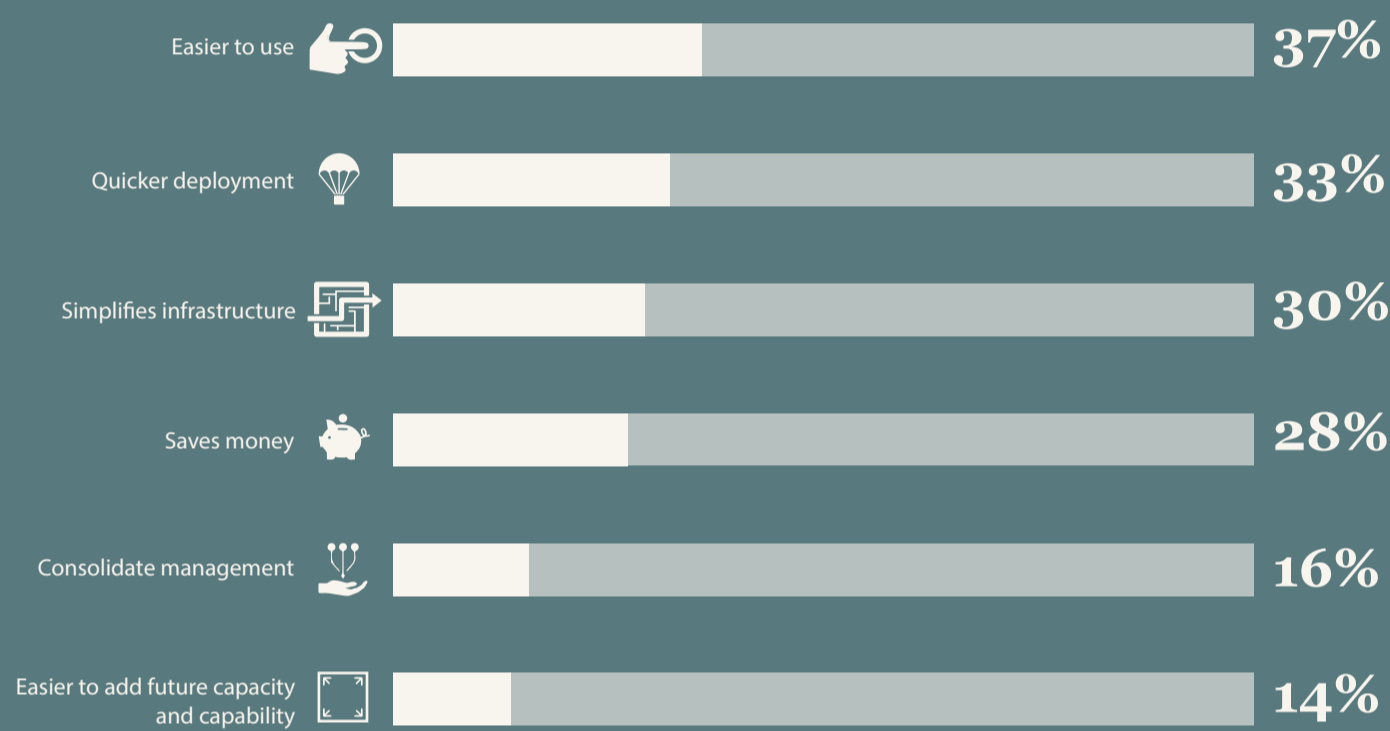


20%

of business-critical applications currently deployed on three-tier IT infrastructure will have moved onto hyperconverged infrastructure by 2020



WHAT'S DRIVING NEW HYPERCONVERGED INFRASTRUCTURE PURCHASES?



HYPERCONVERGED INFRASTRUCTURE PROVIDES 7 SIGNIFICANT BENEFITS

Data Efficiency

Hyperconverged infrastructure reduces storage, bandwidth, and IOPS requirements



1

2



Elasticity

Hyperconvergence makes it easy to scale out/in resources as required by business demands

Virtual Machine Centricity

A focus on the virtual machine (VM) or workload as the cornerstone of enterprise IT, with all supporting constructs revolving around individual VMs



3

4



Data Protection

Ensuring that data can be restored in the event of loss or corruption is a key IT requirement, made far easier by hyperconverged infrastructure

Virtual Machine Mobility

Hyperconvergence enables greater application/workload mobility



5

6



High Availability

Hyperconvergence enables higher levels of availability than possible in legacy systems

Cost Efficiency

Hyperconverged infrastructure brings to IT a sustainable step-based economic model that eliminates waste



7

Sources:

<https://hitinfrastructure.com/news/hyper-convergence-consolidates-it-systems-cuts-costs>

https://cdn2.hubspot.net/hubfs/2295439/OneNeck%20SRW-%20Website%20Resources/eBooks/Hyperconverged_Infrastructure_for_Dummies_ebook.pdf

<https://www.datacenterknowledge.com/hyper-convergence/software-reshuffles-gartner-s-hyper-converged-infrastructure-pecking-order>

<https://www.crn.com/slide-shows/data-center/300106721/the-10-top-hyper-converged-platforms-of-2018-so-far.htm>

<https://searchconvergedinfrastructure.techtarget.com/feature/IT-pros-like-simplicity-savings-of-hyper-converged-products>