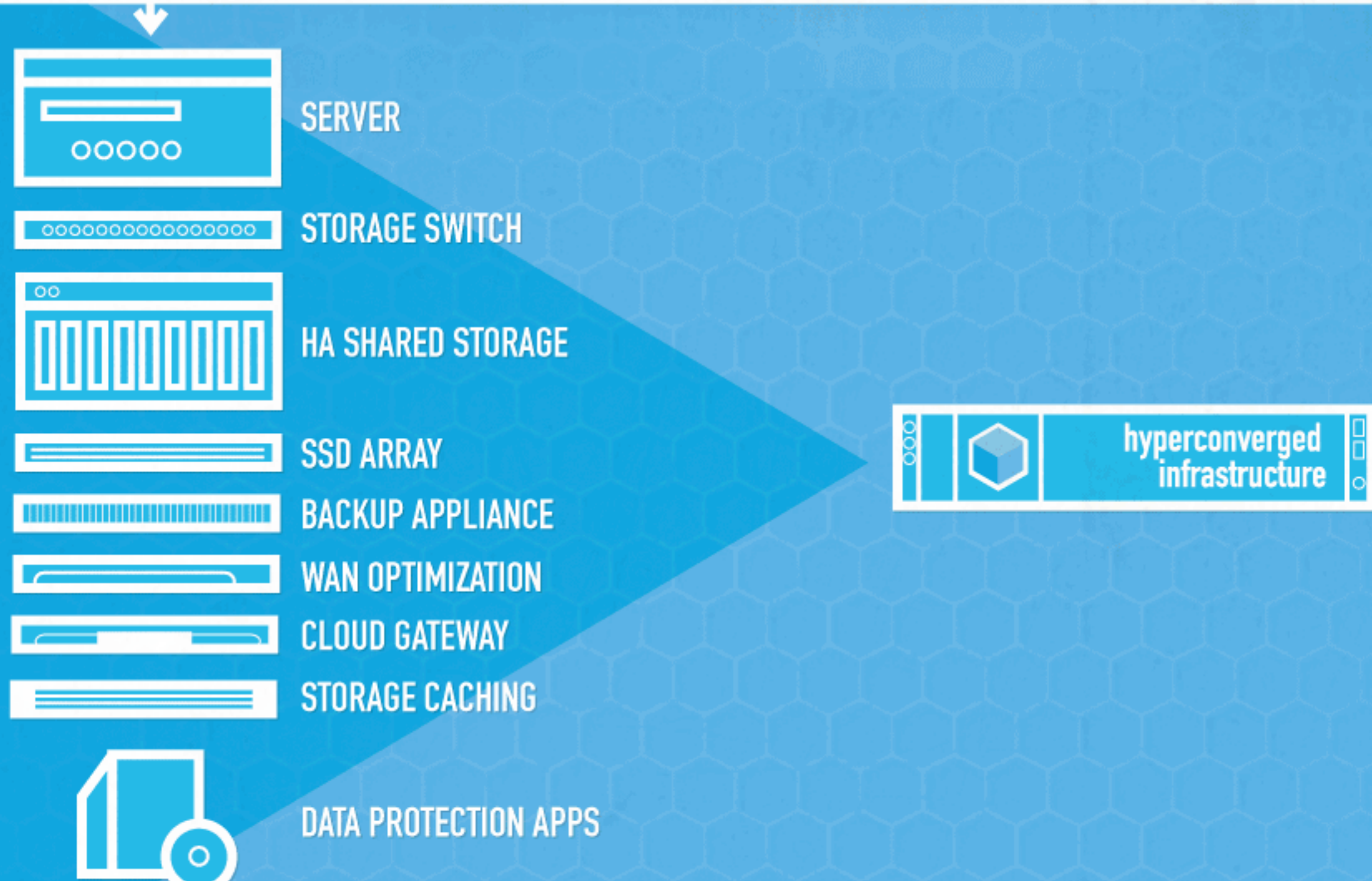# 2015 STATE OF
HYPERCONVERGED INFRASTRUCTURE
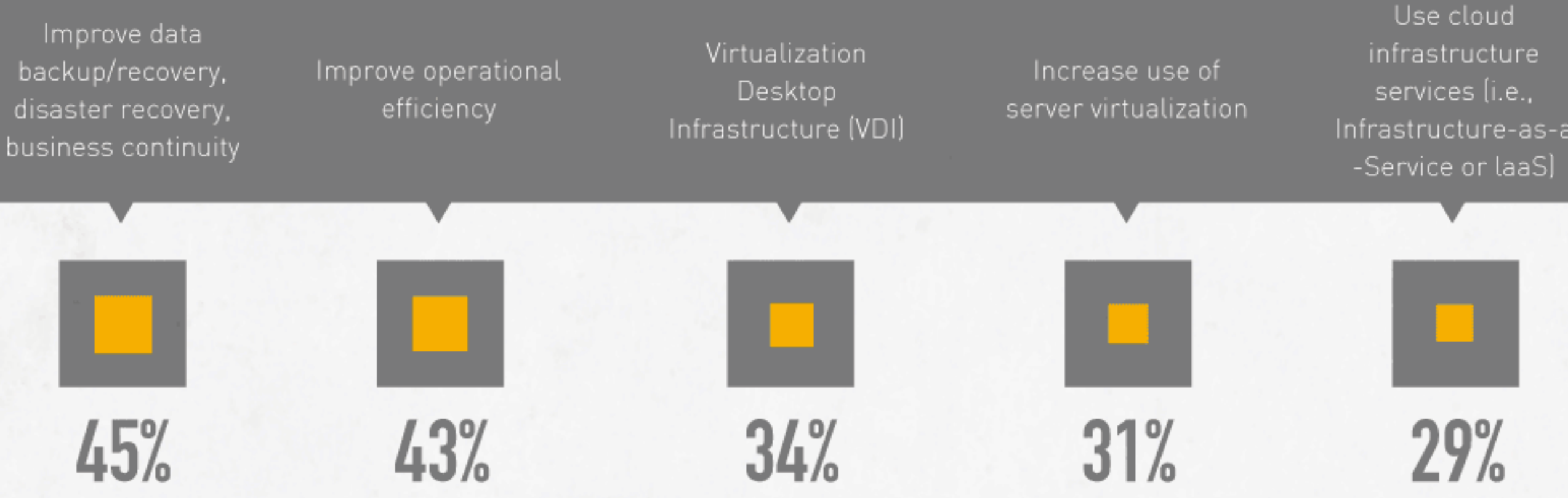## Why Hyperconverged Infrastructure is IT's hottest trend

What exactly is hyperconverged infrastructure?

Hyperconverged infrastructure is a virtual computing infrastructure solution that seamlessly combines several data center services in an appliance form factor, which accelerates the speed and agility of deploying virtualized workloads, reduces complexity, improves operational efficiency, and lowers costs.

SERVER

STORAGE SWITCH

HA SHARED STORAGE

SSD ARRAY
BACKUP APPLIANCE
WAN OPTIMIZATION
CLOUD GATEWAY
STORAGE CACHING

DATA PROTECTION APPS

hyperconverged infrastructure

Hyperconverged Infrastructure Addresses Top IT Priorities

With the exception of using cloud IaaS, hyperconverged infrastructure has a direct impact on advancing the rest of the top-five priorities

Improve data backup/recovery, disaster recovery, business continuity	Improve operational efficiency	Virtualization Desktop Infrastructure (VDI)	Increase use of server virtualization	Use cloud infrastructure services (i.e., Infrastructure-as-a-Service or IaaS)
45%	43%	34%	31%	29%

Hyperconverged Infrastructure Benefits
Expected vs. Realized
[Planned adopters]   [Current adopters]

Improve operational efficiency*	1	Improve ability to scale
Reduce costs	2	Improve operational efficiency*
Improve ability to scale	3	Accelerate deployment time
Improve backup / recovery & DR	4	Improve staff productivity
Improve staff productivity	5	Reduce costs

*Operational efficiency
is the measure of IT's ability to achieve its objectives with minimum allocation of run-rate resources, including staff, budget and time.
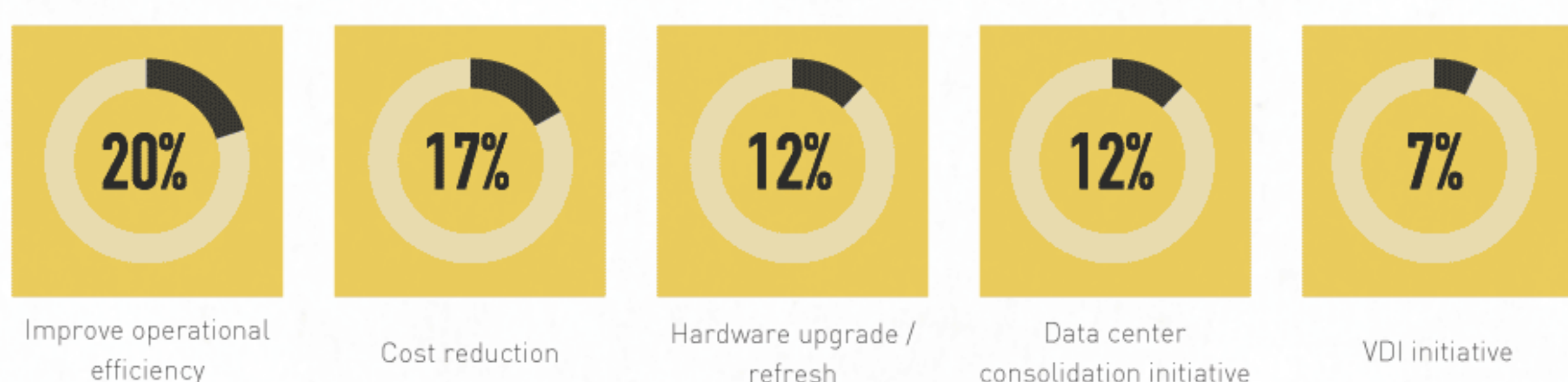
Adoption of Hyperconverged Infrastructure in its Infancy

While 1 in 4 IT pros cite hyperconverged infrastructure adoption, more than half of non-adopters plan to deploy hyperconverged infrastructure within the next 24 to 36 months.

Non-adopter - 76%   Adopter - 24%

Planned Adopters - 54%   Unplanned Adopters - 46%
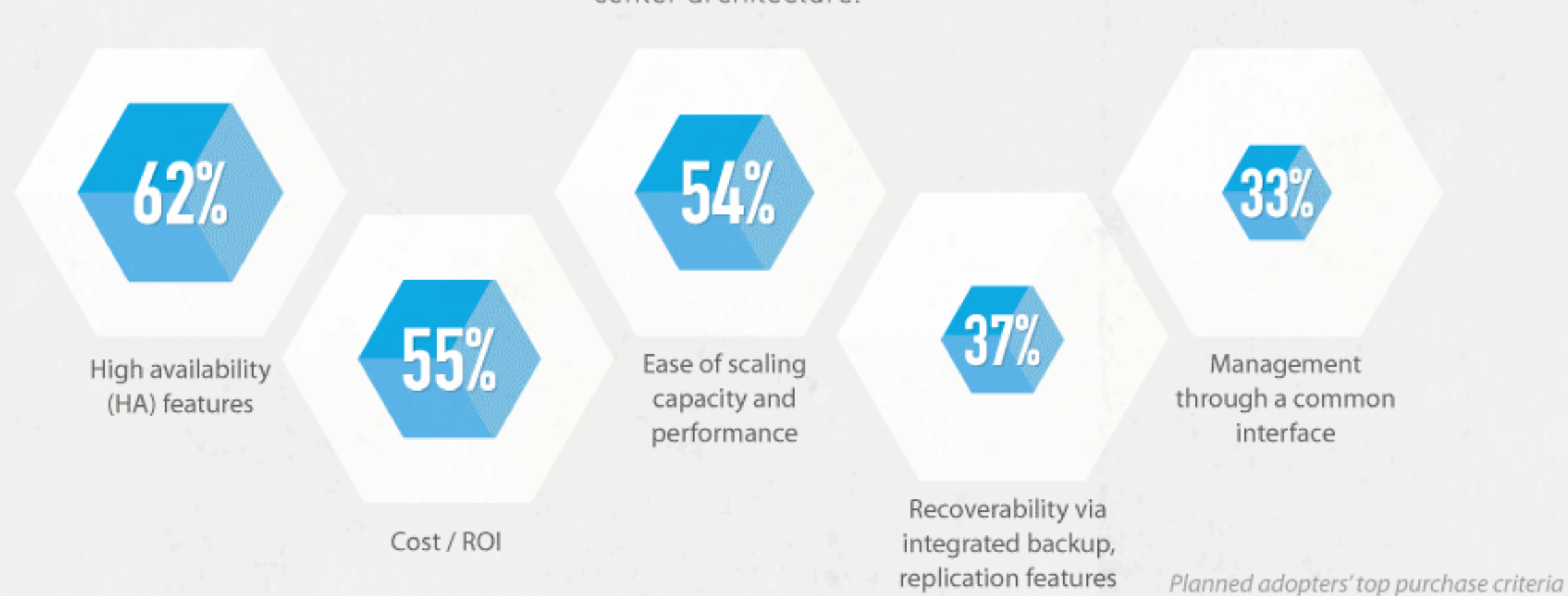
Top Drivers for Interest in Hyperconverged Infrastructure

As on-premises IT infrastructure increasingly has to compete with public cloud economics, organizations seek to reduce run-rate expenses.

20%	17%	12%	12%	7%
Improve operational efficiency	Cost reduction	Hardware upgrade / refresh	Data center consolidation initiative	VDI initiative

Top Hyperconverged Infrastructure Purchase Criteria

While cost is a consideration, IT pros' shopping list reveals more about the overall requirements for modernizing data center architecture.

62% High availability (HA) features

55% Cost / ROI

54% Ease of scaling capacity and performance

37% Recoverability via integrated backup, replication features

33% Management through a common interface

Planned adopters' top purchase criteria for hyperconverged infrastructure