vmware®

THE STATE OF CLOUD IN HEALTHCARE

Attitudes toward cloud computing in healthcare are evolving. Cloud for cloud's sake? Absolutely not. Cloud where it provides economic and technical advantages? Yes, according to more than 100 healthcare IT leaders participating in CHIME and Becker's Hospital Review focus groups.[1]

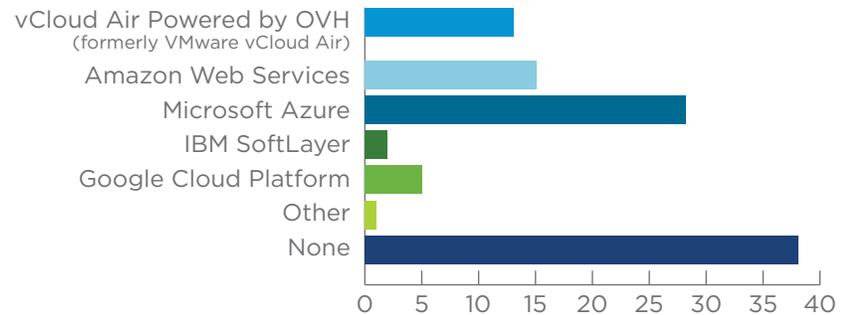## Survey results show rise in cloud adoption and highlight top use cases:

63%
Healthcare organizations adopting one or more clouds

Cloud vendors used today for IaaS or PaaS*
(figures represent percentages by respondents)

Vendor	
vCloud Air Powered by OVH (formerly VMware vCloud Air)	~13
Amazon Web Services	~15
Microsoft Azure	~28
IBM SoftLayer	~2
Google Cloud Platform	~5
Other	~1
None	~38

(axis: 0 5 10 15 20 25 30 35 40)

48%
Healthcare leaders citing disaster recovery & application resiliency as the most important cloud use case
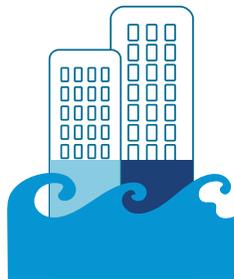
Most important use case
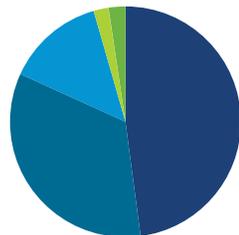
%	Use case
48%	Disaster Recovery/Application Resiliency
34%	Data Analytics/Big Data
14%	Development/Test/QA
2%	Research Enablement
2%	NA

40%
Healthcare leaders agreeing that improving agility is the primary reason to move to the cloud

What percentage of your applications are with a cloud provider?

Today
49%
Healthcare IT reporting 0-10% of their apps are with a cloud provider

3 Years From Now
88%
Healthcare IT reporting 0-10% of their apps are with a cloud provider

Healthcare organizations reporting security and compliance as their top worry when moving to the cloud

40%

Healthcare's Successful Path to Cloud

Cloud is becoming a critical element of healthcare modernization strategies. Global healthcare organizations are choosing VMware to benefit from a single, consistent experience built on familiar, industry-leading VMware solutions across both private and public clouds.

Requirements for Hybrid Cloud Deployment

SECURITY AND COMPLIANCE

Prevent breaches and streamline compliance.

CHOICE

Enable caregivers to work faster and improve patient care while helping IT be more efficient and innovative.

FINANCIAL TRANSPARENCY

Rapidly spin up/tear down environments, paying only for consumed resources and decreasing on-premises infrastructure costs.

PEOPLE AND PROCESS CHANGES

Leverage existing skillsets and tools that modernize IT to prevent costs from rising.

The Value of VMware Cloud

Deliver multi-layered security across clouds with a ubiquitous software layer.

Run, manage, connect, and secure the entire application portfolio on any cloud to any device.

Spin up proof-of-concept & training environments easily in the cloud—AWS, IBM SoftLayer, Azure, Google Cloud, and VMware partner clouds— improving business agility and controlling capital costs.

Lower TCO by providing operational consistency across healthcare IT environments.

VMware Cloud Infrastructure	Public Cloud IaaS
vmware Cloud Foundation™ · vmware | amazon web services VMware Cloud™ on AWS · IBM Cloud for VMware · OVH.com · vmware CLOUD PROVIDER PROGRAM	amazon web services · Microsoft Azure · IBM Cloud · Google Cloud Platform · virtustream

Cloud Spotlight: Interfaith Medical Center

CHALLENGES: IMC wanted to enhance its disaster recovery capabilities without building a secondary data center, but tape backup recovery was time consuming, unreliable, and difficult to test. IMC also had to comply with changing security and internal audit requirements.

SOLUTION: IMC sought fast recovery for critical systems running on VMware vSphere®. IMC chose VMware vCloud Air (now vCloud Air Powered by OVH) Disaster Recovery with vSphere and VMware NSX® to improve RTO while meeting security requirements for patient data.

BENEFITS: IMC protected its online patient portal with network segmentation and minimized the risk of lateral movement of malware. It met Meaningful Use 3 guidelines and compliance with NIST standards and achieved almost 100% server virtualization saving USD $2.03M over seven years.

Learn how VMware can support your cloud strategy by running, managing, connecting, and securing your entire application portfolio on any cloud to any device.

Visit vmware.com/go/healthcare