

CLOUD LEADERS & EXPERTS SHARE THEIR

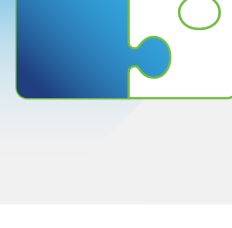
# Six Biggest Migration Challenges



## 1 | Incompatible infrastructure between clouds

92%

of enterprise customers say consistency of architecture between private and public clouds is important<sup>1</sup>



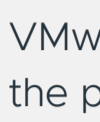
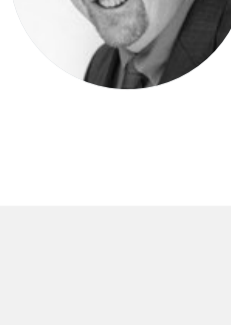
“

The so-called lift-and-shift method of migrating legacy applications “as is” to the cloud often doesn’t work, because public cloud providers require applications to run in their specific environments.

”

**KURT SCHERER**

SENIOR MANAGER, DELOITTE CONSULTING LLP ([DELOITTE.WSJ](#))



VMware Cloud provides a hybrid cloud solution that integrates the public cloud using the same infrastructure as your data center, eliminating compatibility issues.

## 2 | Lack of support for existing security policies

Top 3

cloud security challenges<sup>2</sup>

1. Security of data
2. Compliance with regulatory mandates
3. Control over IT services



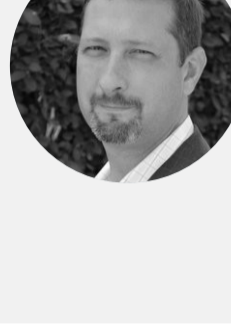
“

You can have the best policies and controls in the world in one part of your environment at enormous expense, but one gap in another part can open the door to exploits for the organization as a whole.

”

**TRAVIS GREENE**

IDG CONTRIBUTOR, DIRECTOR OF STRATEGY, IT OPERATIONS AT MICRO FOCUS ([INFOWORLD](#))



VMware Cloud meets a [broad range of security and compliance standards](#), ensuring you meet current and required benchmarks and regulations.

## 3 | Migrating apps with dependencies

46%

of enterprises struggle to identify interdependent services and how they interact<sup>3</sup>



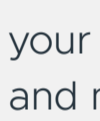
“

If you don’t fully vet the dependencies, you run the risk of leaving a piece of application behind in the legacy data center. This can lead to poor latency – i.e., it doesn’t work as well as users need it to – or, in extreme cases, the application won’t work at all. Then you’ll need to bring the application back to the data center.

”

**SARA ECHEVERRY**

SENIOR MANAGER, INFRASTRUCTURE CLOUD GROUP, ACCENTURE ([ACCENTURE](#))



VMware Cloud enables you to visualize data flows across your hybrid infrastructure to identify interdependent apps and migrate them seamlessly.

## 4 | Cost of refactoring and rewriting apps

Customers are spending

\$1M

and countless resource hours to move 1000 VMs to the cloud<sup>4</sup>



“

With traditional single-cloud provider models, enterprises often must choose whether to invest in expensive rewrites or compromise performance with a more simplistic deployment method.

”

**ANDREW MAGARIE**

SENIOR MARKET IMPACT CONSULTANT, FORRESTER ([VIRTUSTREAM](#))

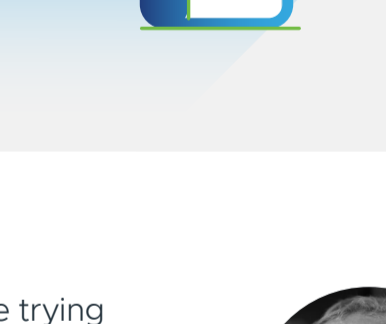


VMware Cloud allows you to migrate mission-critical applications without costly refactoring or impact to performance.

## 5 | Lack of strategic planning

93%

of respondents in an ESG survey said they are committed to the hybrid cloud approach as a long-term strategy<sup>5</sup>



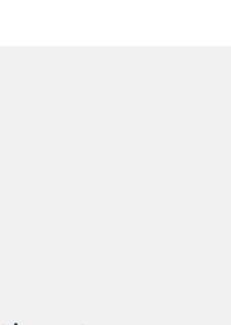
“

People go jumping in without working out what they’re trying to solve and why. Then they have to deal with the mess.

”

**JOHN ENOCH**

PRINCIPAL, TECHNICAL BUSINESS DEVELOPMENT, CLOUD ECONOMICS, AWS ([AWS.SUMMIT](#))



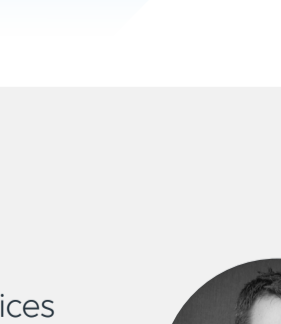
Plan your migration by understanding app data flows and estimate ongoing costs of network egress with VMware Cloud.

## 6 | Staff efficiency

IT teams are

47%

more efficient on average with hybrid cloud platforms<sup>4</sup>



“

Modern software architectures, cloud security concepts, virtualization tools, optimization patterns for metered services and auto-scaling techniques are areas of competence that many organizations struggle with.

”

**MARK BENSON**

CTO, EXOSITE ([FORBES](#))



Reduce the impact of a potential skill shortage with VMware Cloud, allowing you to use the VMware environment your team is already familiar with.

Cloud migration doesn’t have to be challenging.

Learn more about Cloud Migration with [VMware Cloud](#).

1 Source: [VMware Cloud Market Study, Management Insights](#), 2018

2 Source: [Sky High Networks](#), 2018

3 Source: [Dynatrace](#), 2019

4 Source: [The Business Value of Hybrid Cloud with VMware IDC](#), August 2019.

5 Source: [Hybrid Cloud Trends Survey, Enterprise Strategy Group](#), March 2019

6 Source: [The Business Value of Hybrid Cloud with VMware IDC](#), August 2019