

 Executive Brief

# DRUVA 2017 VMWARE CLOUD MIGRATION SURVEY

## Executive Summary

The expectations for application availability, data durability, and business continuity have grown as SaaS service delivery continues to dominate the user experience. Those who manage VMware environments are acutely aware of their users' increasing appetite for always-on connectivity, easy access, robust functionality, and cloud integration. Since October of 2016, when VMware announced its partnership with Amazon Web Services (AWS), organizations have been looking to the cloud to provide consistent functionality while enabling cloud workload mobility with products like vMotion so that application resources can reside where they make the most sense for the business. Organizations want to utilize the advantages of the cloud while also utilizing the skill sets of their current VMware administrators. When you consider the impact that downtime and poor application performance have on user productivity, coupled with rising cost associated with infrastructure demands, you can clearly see why the cloud represents an appealing option for managing VMware environment workloads.

Against this backdrop, Druva conducted a VMware cloud migration survey in July 2017 to better understand how people within the VMware ecosystem are approaching this opportunity, what their timelines are for making the move, and what a VMware hybrid cloud environment will look like for them. This year's survey was completed by 443 VMware professionals from multiple industries across the globe. We've highlighted our findings in this report.

*“Gartner estimates through 2017, more than 80% of CIOs will be pressured by business management to evaluate migrating their data centers to cloud IaaS.”*

*Kasey Panetta, “3 Journeys for Migrating a Data Center to Cloud IaaS,” Gartner, April 21, 2017*

## Survey Highlights

The data protection of virtual infrastructure is upon us! Analyst firms have been predicting rapid cloud migration for some time, and our research and experience have proven this to be true. We found a clear trend toward cloud migration, with a preference for the AWS platform as well as the SaaS model for data protection.

**90%**

Will have migrated workloads by 2018

**47%**

Prefer AWS as their cloud platform

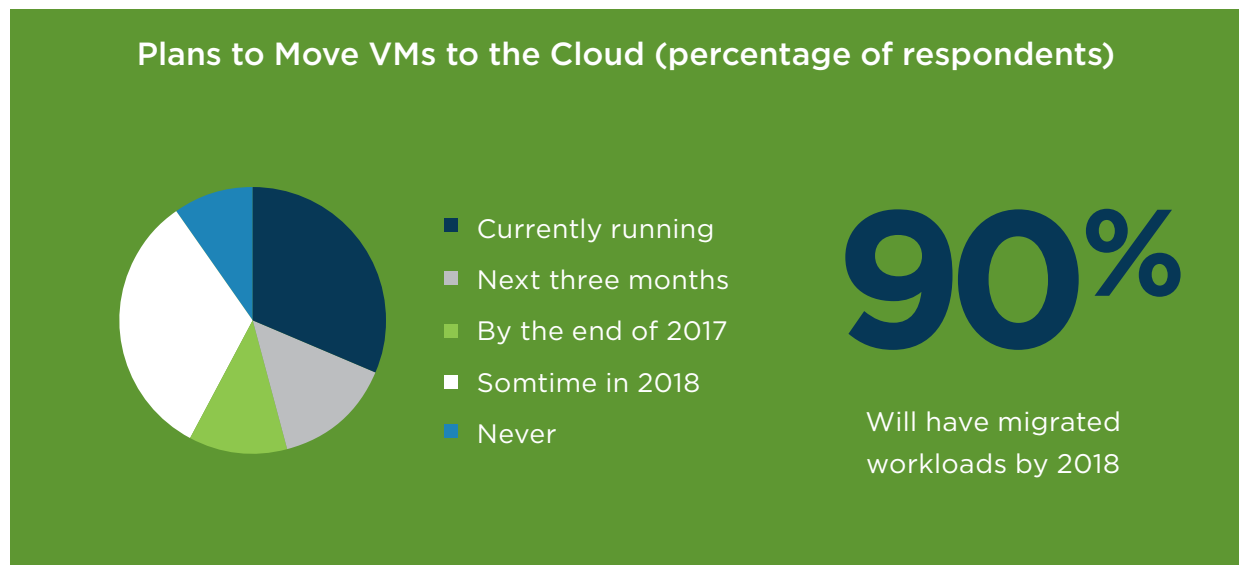
**73%**

Likely to use 3<sup>rd</sup> party SaaS data protection

## Survey Results

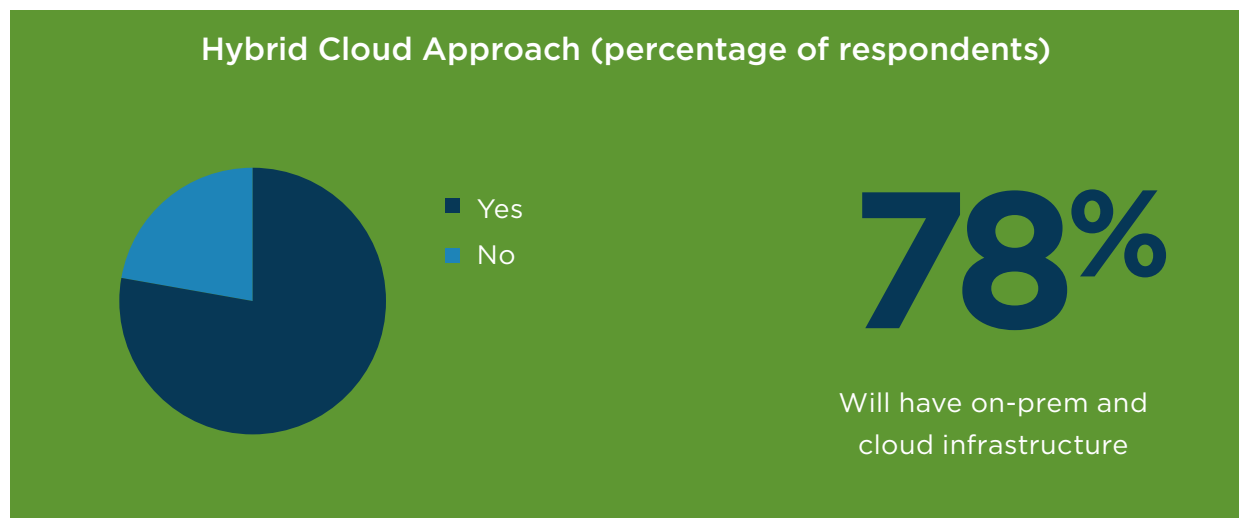
### Aggressive migration is happening.

Survey respondents overwhelmingly indicated that their cloud migration was either in progress or on track to begin soon, with 90% of them confirming that they would have VMware production environments running in the cloud by the end of 2018.



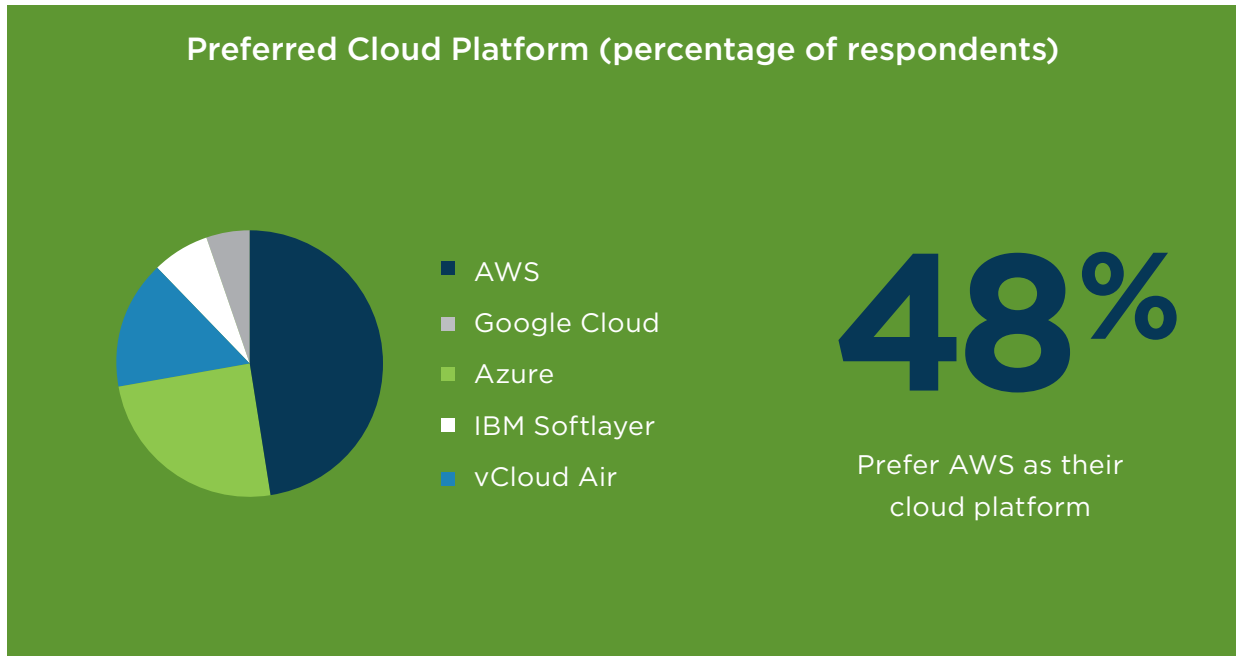
### A foot in both worlds

Many organizations will be taking a hybrid cloud approach, with some VMware infrastructure on-premises and some migrating to the public cloud.



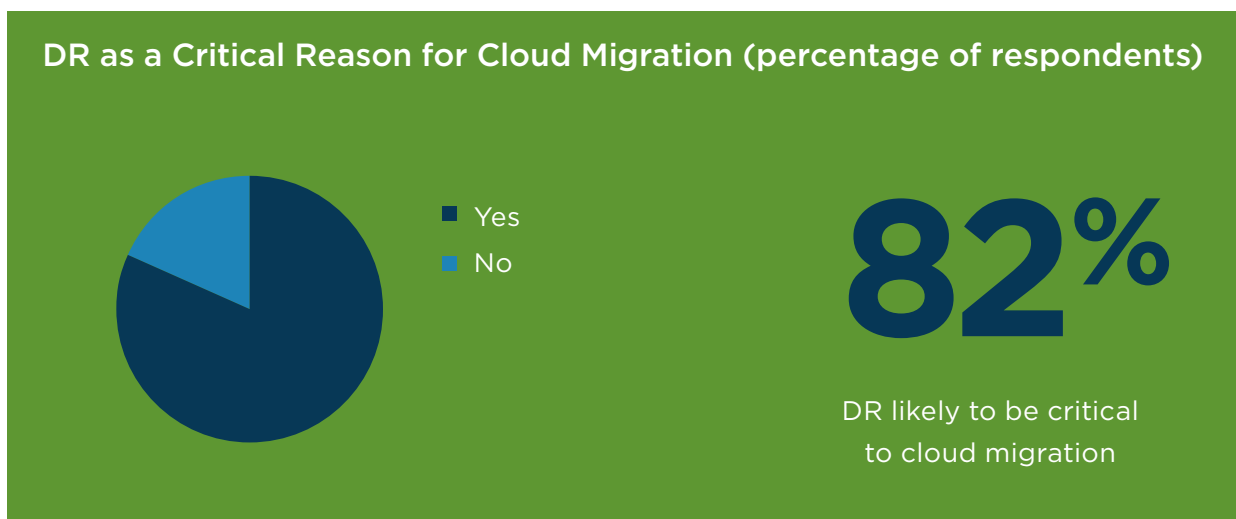
## AWS tops the list.

Organizations indicated that AWS was their preferred provider for this new model, with Azure showing strong support as well.



## When disaster strikes

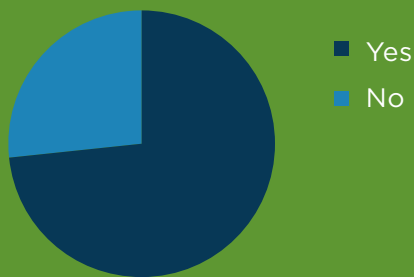
Respondents overwhelmingly believe disaster recovery (DR) for virtual machines (VMs) will likely be a core need, regardless of where the VM resides.



## Save it with SaaS.

Based on our survey results, it's clear that organizations prefer a single control plane, offered as SaaS, to address protecting this new environment.

### Leveraging a SaaS Provider for DR (percentage of respondents)



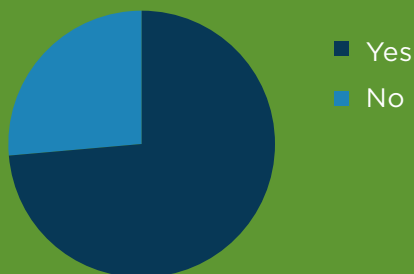
**73%**

Likely to use 3rd party  
SaaS data protection

## Cloud apps are a part of the hybrid landscape.

Many administrators are now responsible for managing and protecting non-server data, like SaaS applications.

### Admins Managing Cloud Apps (percentage of respondents)

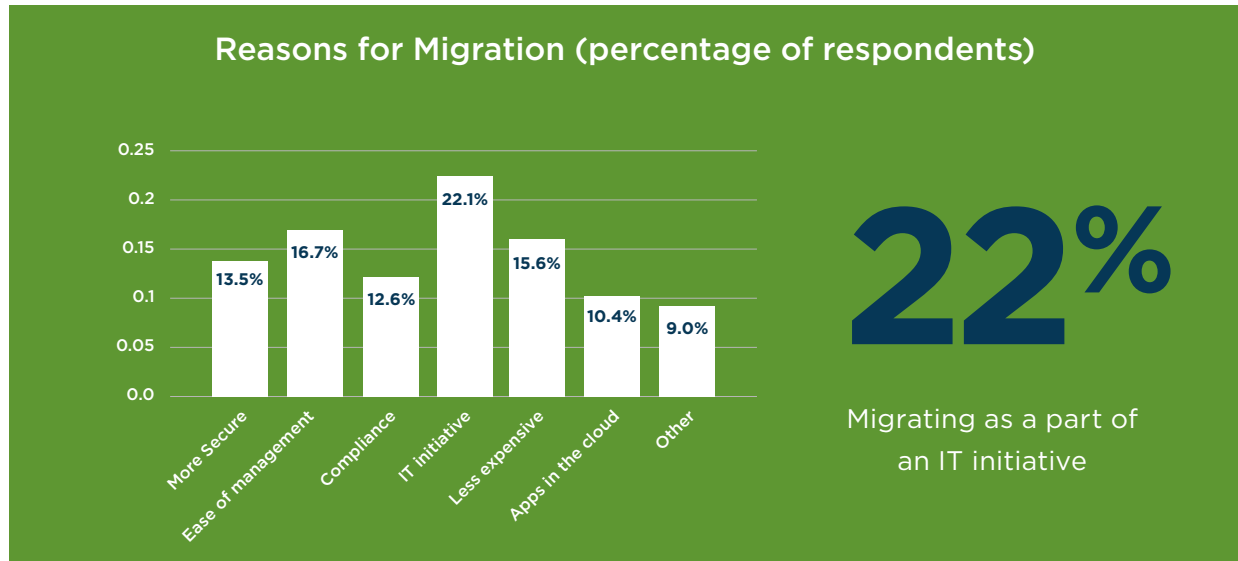


**73%**

Are also managing  
cloud apps data

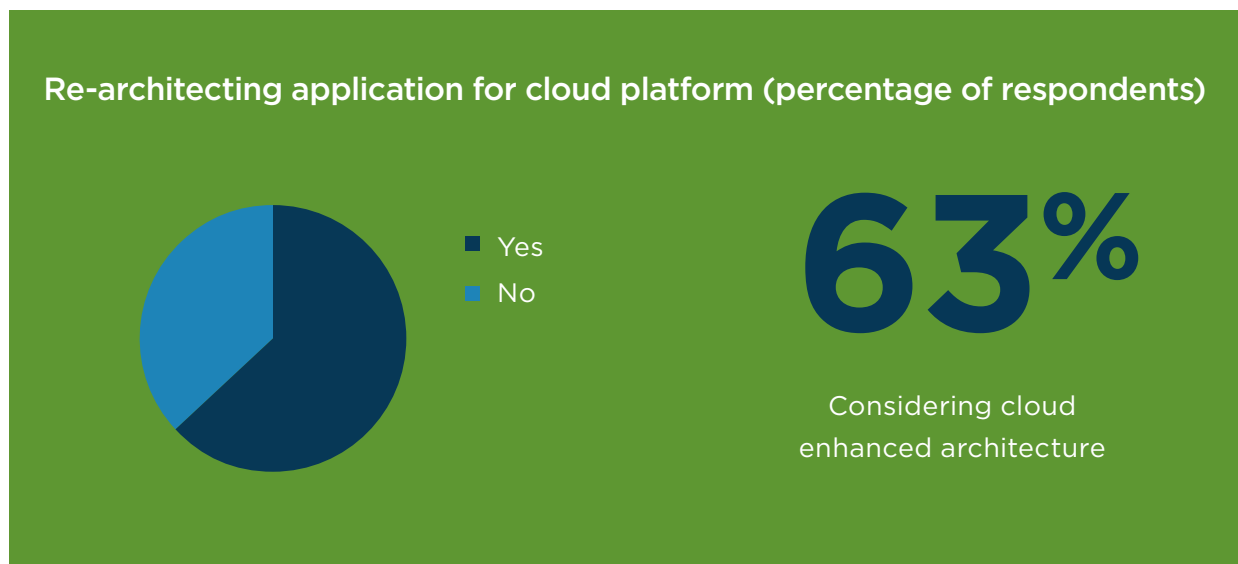
## Critical IT initiatives are driving migration.

Respondents indicated that cost was not their only reason for wanting to migrate to the cloud. The most important factor cited was a strong business need.



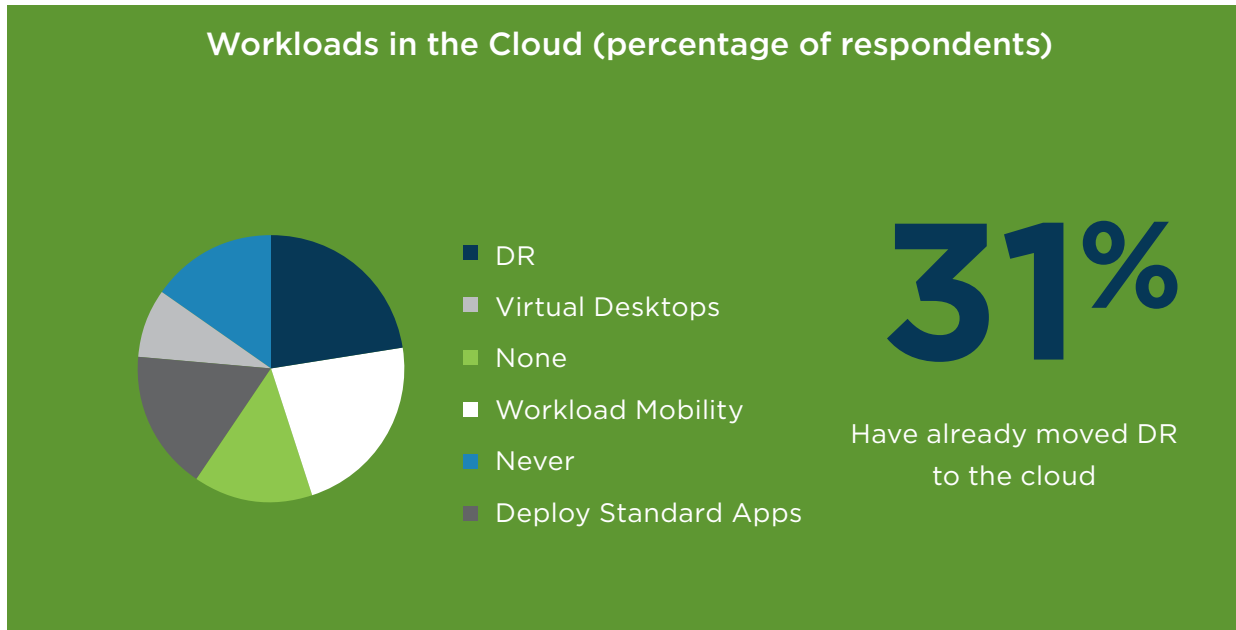
## VMware + AWS will change application architecture

A surprisingly large number of respondents are considering re-architecting their application to take advantage of the unique capabilities of the cloud platform (like AWS) to start to enhance their VMware environment. As a result of the ever-increasing number and complexity of data centers that are expanding to meet the needs of the business applications running on them, there is a growing desire to build applications using many of the cloud service products to augment the VMware environments on public cloud platforms.



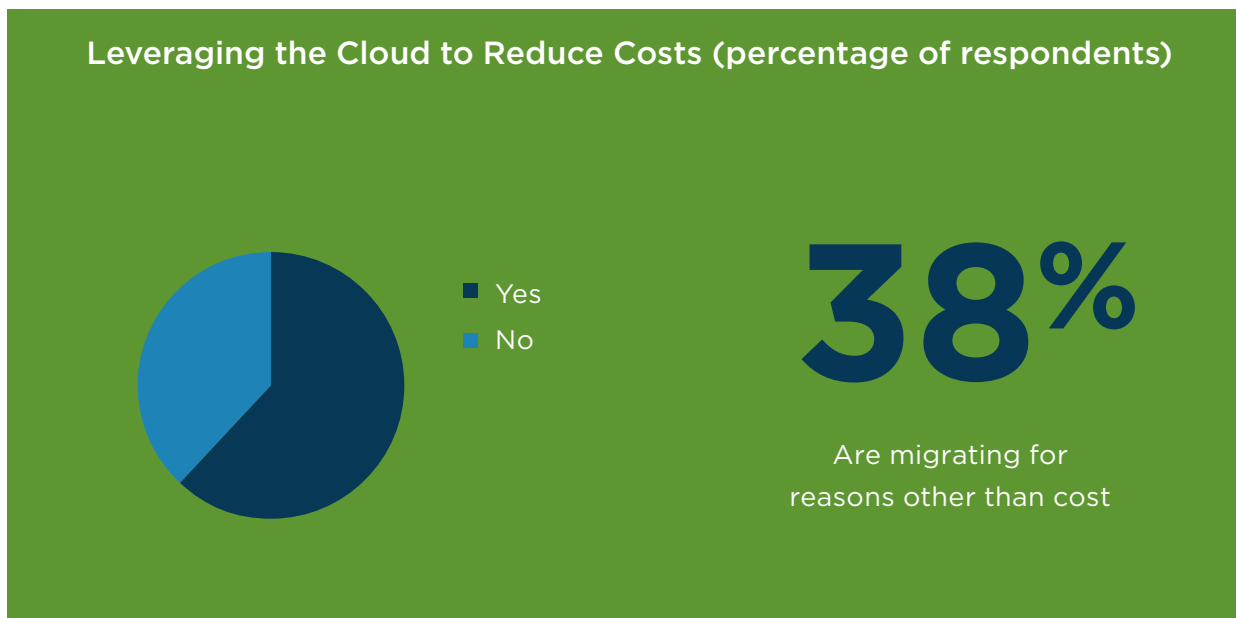
## Already in the cloud

Many organizations have already moved several workloads to the cloud.



## Cloud savings

When an organization is deciding whether or not to migrate their data to the cloud, cost is always a factor. However, for a significant portion of the survey respondents, cost was not the main driver behind their decision. Our survey shows that such migrations are the result of a strong business need.



## The path for cloud migration

The survey results showed a powerful trend toward moving virtual workloads to the cloud, with AWS being the preferred destination for those environments. Disaster recovery, workload mobility, and archival automation were all strong use cases, with many organizations not solely looking to save money, but also being driven by IT initiatives for greater flexibility and functionality. And they're looking to SaaS solutions to provide these enhanced capabilities.

### About Druva

Druva is the leader in cloud data protection and information management, leveraging the public cloud to offer a single pane of glass to protect, preserve and discover information—dramatically increasing the availability and visibility of business critical information, while reducing the risk, cost and complexity of managing and protecting it.

Druva's award-winning solutions intelligently collect data, and unify backup, disaster recovery, archival and governance capabilities onto a single, optimized data set. As the industry's fastest growing data protection provider, Druva is trusted by over 4,000 global organizations and protects over 25 PB of data. Learn more at <http://www.druva.com> and join the conversation at [twitter.com/druvainc](https://twitter.com/druvainc).



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