Top 5 Barriers to Cloud Migration and Modernization

Why are organizations moving to Cloud?[1]

- To Improve Performance and Scale — 85%
- To Leverage Unique Technologies and Capabilities — 73%
- To Fulfill LOB, Executive, and Developer Needs — 64%
- To Gain Cost Savings — 35%

96% consider it important that public cloud vendors offer solutions that integrate with on-premises environments[2]

Barriers to Cloud Migration and Application Modernization

The need to **rearchitect** or convert your applications

Fewer options and less control over security and governance compared to on-premises

Wastage of current IT investments while modernizing applications

Different **skills, tools and processes**

Disruption to existing business processes and operations

75% of respondents expect public cloud infrastructure to provide high availability without having to re-design their applications[2]

86% of enterprises are facing skills shortages with regard to cloud adoption[4]

Remove these barriers with VMware Cloud on AWS

Fast, cost-effective and low-risk path to migrate and modernize your applications in the cloud

Cost-Effective
No application re-factoring or re-architecting needed during migration

Simple & Consistent
No retraining of staff or revamping of operational processes along with unified operations

Low Risk
Familiar and proven VMware environment and AWS expertise in operating global infrastructure

Fast
Bi-directional, large-scale, live application migration to minimize disruption plus the ability to scale capacity in minutes

Modern
DevOps ready unified infrastructure platform that supports Kubernetes, virtual machines, and provides optimized access to AWS services

IDC estimates the cost to migrate to public cloud[3] at

$998 per VM

ESG's research indicates that organizations need 27 days, on average, to refactor and migrate an application to the public cloud.[2] At this rate, it would take

7.4 years

for a VMware customer to migrate 100 applications.

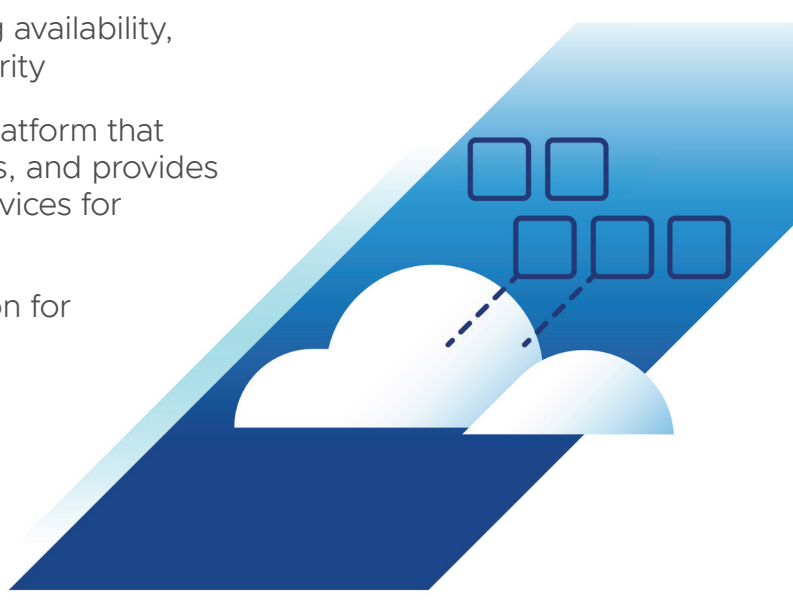
Why spend more money and time? Migrate to VMware Cloud on AWS

Migration and Modernization Benefits

- Minimizes complexity & risk of transition
- Simplifies & accelerates speed of migrations
- Reduces cost of migrating applications
- Extends value of existing application investments
- Accelerates modernization efforts with seamless integration capabilities and reuse of existing tools and skillsets

Hybrid Cloud Benefits

- Compelling TCO and investment protection
- Maximizes use of existing skills, tools and processes with consistent operations
- Supports established governance and security policies
- Enterprise-grade capabilities including availability, performance, manageability and security
- DevOps ready unified infrastructure platform that supports Kubernetes, virtual machines, and provides optimized access to over 170 AWS services for application modernization
- Powered by VMware Cloud Foundation for consistent infrastructure



IHS Markit

1,000 workloads

migrated to VMware Cloud on AWS in just **6 weeks**

IHS Markit, a business information provider headquartered in London that serves more than 50,000 business and government customers worldwide, successfully migrated 1,000 workloads to VMware Cloud on AWS in just 6 weeks, eliminating technical debt related to migration and starting strategic modernization of existing workloads, without refactoring applications.

VMware Cloud on AWS, powered by VMware Cloud Foundation, is VMware's premier hybrid cloud solution. **Learn more about Cloud Migration**

Learn more at the **VMware Cloud on AWS website**

Watch **VMware Cloud on AWS Overview**

Get started now with VMware Cloud on AWS

1. VMware Core Metrics Survey, 2019 (N=600)
2. Hybrid Cloud Trends Survey, The Enterprise Strategy Group, March 2019 (N=309)
3. IDC Business Value Snapshot, sponsored by VMWare, The Business Value of VMWare Private Cloud, 2019
4. 451 Research: Cloud Trends in 2020: The Year of Complexity and its Management, January 2020

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