

## Simplify Your VMware Cloud on AWS Migration Strategy

Are you considering a migration to the public cloud, but are concerned about modifying your entire application infrastructure to accommodate today's instance-based IaaS clouds? VMware Cloud on AWS may be the right solution for you.

With VMware Cloud on AWS, you don't need to "move" anywhere. You can simply expand your existing infrastructure footprint to include cluster(s) housed in public cloud data centers. This approach realizes significant cost-savings and attractive TCO, all while achieving unified and operationally consistent cloud management. With VMware Cloud on AWS, you can enable consistency across both on-premises workloads and the AWS cloud through simplified operations.

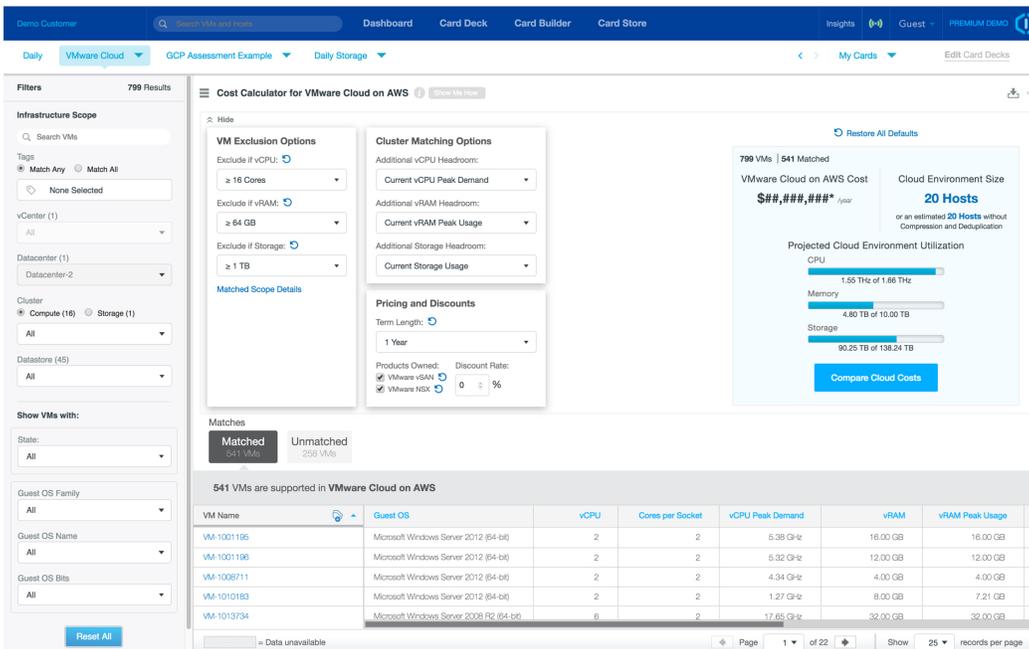
Leveraging VMware Cloud on AWS as part of a cloud adoption strategy can vastly simplify your plans. However, you still face a complex array of questions such as:

- What is the current cost of my private cloud infrastructure?
- How large a cluster do I need? What if I rightsized my workloads first?
- How can I ensure that I am optimally saturating the resources available to me on a cluster?
- Which of my workloads will run best? Are some workloads a poor fit?
- Will VMware Cloud save me money versus remaining on-premises? How can I know?

CloudPhysics will answer these questions and more.

### Key Benefits

- 15 minutes to start your cloud migration strategy
- Simulates your environment on AWS
- Calculates your current on-premises costs for comparison
- Generate immediate results and plan with confidence
- Engage technical resources that can expedite your strategy through to execution



**Cost Calculator for VMware Cloud on AWS**

799 Results | 541 Matched

VMware Cloud on AWS Cost: \$###,###,###\* /year

Cloud Environment Size: 20 Hosts (or an estimated 20 Hosts without Compression and Deduplication)

Projected Cloud Environment Utilization:

- CPU: 1.55 THz of 1.66 THz
- Memory: 4.80 TB of 10.00 TB
- Storage: 90.25 TB of 138.24 TB

541 VMs are supported in VMware Cloud on AWS

VM Name	Guest OS	vCPU	Cores per Socket	vCPU Peak Demand	vRAM	vRAM Peak Usage
VM-1001195	Microsoft Windows Server 2012 (64-bit)	2	2	5.39 GHz	16.00 GB	16.00 GB
VM-1001196	Microsoft Windows Server 2012 (64-bit)	2	2	5.32 GHz	12.00 GB	12.00 GB
VM-1008711	Microsoft Windows Server 2012 (64-bit)	2	2	4.34 GHz	4.00 GB	4.00 GB
VM-1010183	Microsoft Windows Server 2012 (64-bit)	2	2	1.27 GHz	8.00 GB	7.21 GB
VM-1013734	Microsoft Windows Server 2008 R2 (64-bit)	6	2	17.65 GHz	32.00 GB	32.00 GB

Selecting a public cloud solution is difficult; each has advantages and disadvantages, depending on your specific needs. Plus, configuring your public cloud most cost-effectively can be even more complex.

CloudPhysics can instantly discover the right path for you through this complexity.

## CloudPhysics Assessment Offerings

### “Self Assessment” for VMware Cloud on AWS

The CloudPhysics Self Assessment for VMware Cloud on AWS is the fastest way to jumpstart your VMware Cloud migration. It non-invasively observes your current workloads, calculating the resource needs of your applications as they run in production. After seven days, you will receive an email containing your assessment results. Ensure that VMware Cloud on AWS is right for you—and will save you money—before you migrate!

#### Self Assessment Details:

- 1) 15 minutes to activate
- 2) No external resources or cost implication, simply activate and wait
- 3) Seven days after activating, you will receive an email that provides:
  - A calculation of how large a cluster you will need to support your workload requirements, before and after rightsizing!
  - An itemized list of your specific workloads that will cost the most to run on VMware Cloud

Register and activate at: [https://app.cloudphysics.com/VMwareCloud\\_Self\\_Assess/getStarted](https://app.cloudphysics.com/VMwareCloud_Self_Assess/getStarted)

### “Engage Assessment” for VMware Cloud on AWS

The Engage Assessment for VMware Cloud on AWS is a partner-facilitated, 30-day, detailed and customizable assessment; the Engage Assessment can be run after the completion of the Self Assessment, or as a stand-alone engagement with a certified VMware Cloud partner.

## Why CloudPhysics?

- 15 minutes to insights
- Deep VMware expertise
- Highest-resolution performance data
- Data science delivered to you

VM Name	Guest OS	VM Cost / Year	vCPU	vCPU Peak Usage	vCPU 95th %ile Usage	vCPU 99th %ile Usage	vRAM
VM-1001195	Microsoft Windows Server 2012 (64-bit)	\$1,419	2	100%	100%	29%	16.00 GB
VM-1001196	Microsoft Windows Server 2012 (64-bit)	\$1,376	2	100%	38%	5%	12.00 GB
VM-1009711	Microsoft Windows Server 2012 (64-bit)	\$1,417	2	100%	26%	16%	4.00 GB
VM-1009844	Microsoft Windows Server 2003 Standard L...	\$1,322	2	100%	61%	35%	2.00 GB

The CloudPhysics Engage Assessment for VMware Cloud on AWS leverages the same CloudPhysics data collector as the Self Assessment; it non-invasively observes your current workloads, calculating the resource needs of your applications as they run in production. Then, over the course of 30 days, you and your partner will run numerous migration scenarios, with CloudPhysics calculating the resource needs and costs for each scenario, to help you identify the optimal set of workloads to migrate to VMware Cloud.

CloudPhysics predictive analytics then suggests optimal cluster-packing scenarios to ensure you will get the most out of the resources available in your VMware Cloud on AWS cluster(s). For example, CloudPhysics' simulations might suggest the combination of two on-premises clusters—perhaps a CPU-intensive cluster and a memory-intensive cluster which will mitigate unused resources in the cloud.

### Self Assessment Details:

- 1) 15 minutes to activate
- 2) Customers and Partner can leverage CloudPhysics to:
  - Profile and optimize your private cloud environment
  - Simulate your environment on AWS: Use CloudPhysics to determine how to combine workloads to saturate the resources of an AWS cluster
  - Compare your private cloud infrastructure costs to your simulated VMware Cloud on AWS costs
  - Compare costs of VMware Cloud on AWS to other top public cloud platforms
  - Filter your scope and simulate migration costing scenarios to specific data centers, clusters, or applications
  - Leverage channel resources and connect directly with a certified VMware Channel specialists to execute your planning process

### Assessment Comparison

	VMWARE CLOUD ON AWS SELF ASSESSMENT	VMWARE CLOUD ON AWS SELF ASSESSMENT
MANAGEMENT	Customer self assessment	In conjunction with VMware Cloud on AWS partner
DURATION	7 Days	30 Days
DELIVERABLE	"Self Assessment Results" email	Full VMware Cloud on AWS assessment—access to CloudPhysics VMware Cloud on AWS analytics, scenario planning, sizing/costing assessments
SCOPE INCLUDES	VMware Cloud on AWS readiness only	VMware Cloud on AWS readiness, private cloud costing analysis and public cloud comparison tools

## About CloudPhysics

CloudPhysics is one of the market's fastest growing channel intelligence platform designed to enable data-driven collaborations. Our platform ensures customers succeed in their adoption of products and services for next generation IT infrastructure. Combining an agile SaaS platform with a global partner network, CloudPhysics helps customers leverage channel resources to plan and execute public, private, and hybrid cloud migration through analytical assessment and simulations.

Headquartered in Santa Clara, CA, CloudPhysics serves thousands of end users worldwide across major industries and supports a robust partner network.

For more information, visit [www.cloudphysics.com](http://www.cloudphysics.com) or [follow us on Twitter](#).