VMware Cloud™ on AWS

Total Cost of Ownership

AT A GLANCE

VMware Cloud on AWS brings VMware's enterprise-class SDDC software to the AWS Cloud with optimized access to AWS services. Powered by VMware Cloud Foundation, VMware Cloud on AWS integrates our compute, storage, network and management products, which are optimized to run on dedicated, elastic, bare-metal AWS infrastructure.

ADDITIONAL BENEFITS

Other benefits with VMware Cloud on AWS include:

- There is no need to re-work or re-rewrite applications when customers migrate vSphere-based virtual machines to VMware Cloud on AWS.
- Customers can enjoy the benefit of consistent operation management through vCenter servers without the need to spend significant resources to retrain IT staff.
- VMware Cloud on AWS is a cloud service that takes care of the entire lifecycle management of the virtualization software, saving up to 50% in administrative costs, since VMC on AWS handles updates and upgrades automatically.

RESOURCES

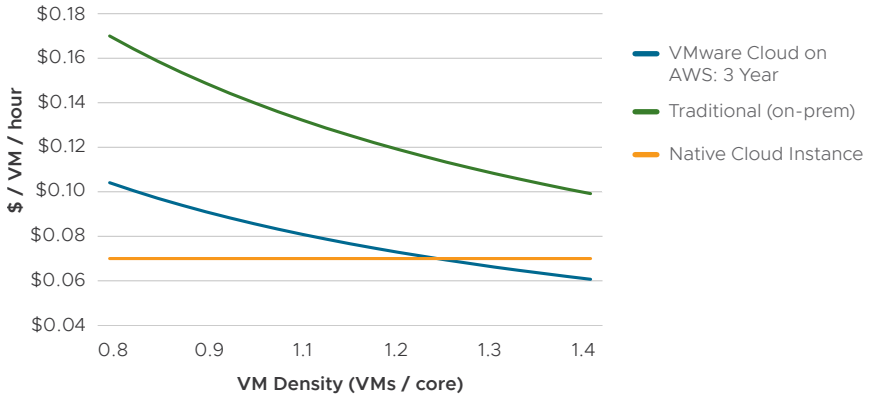
Try the *VMware Cloud on AWS Sizer* to get an estimate on your savings and request a Total Cost of Ownership Report.

Total Cost of Ownership (TCO) is a financial estimate intended to help customers determine the direct and indirect costs of a product or service. To understand the TCO of VMware Cloud on AWS we compared the cost of running an application on the service to the cost of running the same application in three environments:

1. VMware Cloud on AWS
2. Traditional on-premises
3. Native cloud instances

We computed the 3-year cost of running a typical virtual machine (VM) per hour in each of the three environments to perform a like-for-like comparison. In addition, the per VM cost is a function of consolidation ratio, or the number of VMs that can run on each physical host. Both VMware Cloud on AWS and traditional on-premises data centers enable you to control the consolidation ratio by using vSphere features to optimize the number of VMs per physical CPU core, and must be considered when comparing costs.

VMware Cloud on AWS: Total Cost of Ownership (3 Year Subscription)



The blue line in the TCO chart shows the cost per VM per hour of the VMware Cloud on AWS service. The downward slope shows the benefit of VMware vSphere oversubscription features. **The green line** represents the cost of running a typical VM in a traditional multi-tier on-premise environment. In general, and from a TCO perspective, the VMware Cloud on AWS solution has been attractively priced in comparison to traditional on-premises environments. **The orange line** shows the cost of a comparable native public cloud instance. At the consolidation ratio of 1.2 VMs per CPU core, the VMware Cloud on AWS solution cost is at parity with a native cloud solution. And if you are willing to drive up the consolidation ratio higher, even more favorable economics can be achieved with VMware Cloud on AWS. Try the *VMware Cloud on AWS Sizer* to get an estimate on your savings and request a Total Cost of Ownership Report.

1. Reference VM size of 2 vCPU, 8GB of RAM, 150GB of storage. Factors in overhead VMs. Includes VMware licens and support costs.
2. Traditional on-prem includes traditional servers, storage, networking, vSphere, power and cooling and rack space.
3. Native cloud instance represents similarly sized compute instance with external storage. Excludes bandwidth/IP and admin expenses.