

## AT A GLANCE

Eases Oracle RAC deployment with vSAN and NSX

Supports bulk migration with VMware HCX

Provides seamless, bi-directional and mass migration

Enables cold migration with powered-off VMs

## KEY BENEFITS



Simplifies application modernization with AWS services



Eliminates application refactoring and VM format conversion



Lowest TCO with no-cost vSphere vMotion and VMware HCX



High-speed, reliable, and private network connectivity with AWS Direct Connect

# VMware Cloud™ on AWS for Oracle Workloads

As organizations seek to take advantage of the benefits of the cloud, moving Oracle workloads to AWS can bring considerable agility and cost efficiency advantages. At the same time, it can create complexity when modernizing and refactoring applications. Add the performance risks that can be introduced when moving applications from on-premises data centers, as well as the difficulty deploying Oracle Real Application Cluster (RAC), and organizations can face considerable challenges.

VMware Cloud on AWS is an on-demand service that enables customers to run applications across vSphere-based cloud environments with access to a broad range of AWS services. Powered by VMware Cloud Foundation, this service integrates vSphere®, vSAN™ and NSX® along with VMware vCenter® management, and is optimized to run on dedicated, elastic, bare-metal AWS infrastructure. ESXi hosts in VMware Cloud on AWS reside in an AWS Availability Zone (AZ) and are protected against failure by the VMC Service.

VMware Cloud on AWS eases deployment of Oracle RAC and enables organizations to leverage existing investments in VMware while taking advantage of the benefits of moving Oracle workloads to the cloud. With shared storage provided by vSAN, and the Layer 2 multicasting supported by NSX, VMware Cloud on AWS enables seamless large-scale migration of Oracle RAC without application refactoring. In addition to easy bi-directional and mass migration, the solution supports bulk migration with VMware HCX. And because there is no cost for using vMotion and HCX, total cost of ownership is lowered in addition to realizing the cost efficiencies of the cloud.

## ENTERPRISE-GRADE FEATURES INCLUDE:

- Automated Host Remediation
- Site Recovery for DR
- Stretched Clusters
- Elastic DRS
- vSphere High Availability
- AWS Direct Connect

With VMware Cloud on AWS, Oracle licensing does not change, whether you run Oracle workloads on a classic vSphere environment, Hyper-Converged Infrastructure solution like vSAN, or VMware Cloud on AWS.

## USE CASES

1. **Run extended Oracle RAC on Stretched Clusters** for greater availability and to protect against Availability Zone failures
2. **Data center extension and disaster recovery** between on-premises and VMware Cloud on AWS to support burst capability and DR
3. **Cloud migration** for workloads to take advantage of cloud services and subscription-based model
4. **Application modernization** and next-generation application build out