

## AT A GLANCE

- High-bandwidth, low-latency access to native AWS services
- Single interface to manage private and public cloud
- Auto remediation of host failure for quick response to hardware issues
- Stretched cluster between AWS availability zones protects against availability zone failure
- Simplifies disaster recovery solution design and deployment

## KEY BENEFITS



**Easily transfer SAP workloads between private and public cloud**



**Ensure operational and management consistency across private and public cloud**



**Eliminate downtime when migrating SAP applications between clouds**



**Reduce provisioning / decommissioning time**



**Minimize training times and costs with familiar VMware tools and ecosystem**



**Easily integrate with other business services already running in AWS**

# VMware Cloud™ on AWS for SAP Workloads

The advantages of moving to the cloud has resulted in a significant migration of workloads. In fact, 2017 cloud adoption survey of Gartner Research reported that, by 2020, respondents expected 50% of their Infrastructure-as-a-Service (IaaS)-based applications to be hosted in the public cloud. The research also showed that while many enterprises express interest in moving their workloads to the cloud, most organizations will end up maintaining some on-premises applications.

SAP applications typically host vast amounts of strategic and sensitive corporate data that must adhere to compliance regulations, and therefore are ideal candidates for a hybrid world where workloads are split between the cloud and on-premise data centers. At the same time, a hybrid cloud approach for SAP workloads solves the challenge of meeting the separate production and non-production environment requirements of SAP systems - which can consume significant data center real estate. It can also ease the evaluation and testing of new SAP solutions, which may require infrastructure teams to scale data center resources up or down.

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 by vSphere HA.

VMware Cloud on AWS provides opportunities to expand managed services to SAP customers who are considering hybrid cloud and datacenter evacuation solutions. It enables SAP datacenters to scale infrastructure resources up or down to support the dynamic SAP landscape and helps reduce capital expenditure and enterprise data center expenses. With the ability to provision a new host in hours rather than weeks, and support zero downtime live migration of SAP workloads, VMware Cloud on AWS enables compliance with service level agreements.

## USE CASES

1. **Hybrid mobility of SAP workloads between private and public cloud without refactoring**
2. **Disaster Recovery as a Service**
3. **On-premises and VMware Cloud on AWS inventory management**
4. **Automated recovery and host replacement**
5. **Compliance with business service level agreements**

