



Industry

Cloud computing and platform
virtualization software

Location

Palo Alto, California

Goal

Integrate a public cloud into existing
VMware IT operations to increase
scalability, flexibility, and availability
and to accelerate innovation.

Challenges

- Ability to migrate applications quickly and cost effectively, with no need for refactoring.
- A hybrid cloud solution with consistent infrastructure and operations, making it easier for our existing IT team to support.
- Enterprise-class availability provided by a disaster recovery-as-a-service (DRaaS) solution for immediate failover and failback of mission-critical applications.

Solution

VMware Cloud™ on AWS, VMware
vSphere®, VMware vSAN™, VMware
NSX®

VMware IT Migrates Production Workloads to VMware Cloud on AWS

The VMware IT goal was to build a highly resilient solution for critical applications, expand our on-premises data centers to the cloud and increase availability.

VMware IT manages the software and platform foundation that delivers a unified digital experience for more than 500,000 customers and 75,000 partners globally.

When VMware began its digital transformation, it became clear that VMware IT needed a way to burst workloads into a public cloud seamlessly. IT also wanted to leverage its existing team and expertise to manage public and private clouds for operational efficiencies, policy-based consistency and cost savings. Finally, the offering had to provide a comprehensive cloud-based disaster recovery solution to improve availability.

VMware IT selected VMware Cloud™ on AWS.

VMware Cloud on AWS

The solution proved its mettle with three use cases: VMworld (now VMware Explore) Hands-on Labs, the VMworld portal and Dell Technologies World Hands-on Labs.

The Hands-on Labs program allows thousands of customers the opportunity to test-drive new products. These labs represented 20 percent of the VMworld workload and 40 percent of the Dell Technologies World workload. With the hybrid infrastructure of VMware Cloud on AWS, the VMware IT team easily scaled to support high usage, increasing from one to five clusters with a few clicks. The team added capacity one day, tested it the next and run it in production on the third day. And there were no worries about any maintenance and software upgrade issues, as those were handled by the VMware Cloud on AWS support team.

Solution: VMware Cloud on AWS

- Rapid, cost-effective and low-risk migrations
- Hybrid cloud with consistent infrastructure and operations
- Familiar, single-pane-of-glass management
- Policy-driven resource management
- Existing team able to manage public cloud infrastructure
- Simplified, cloud-based disaster recovery solution

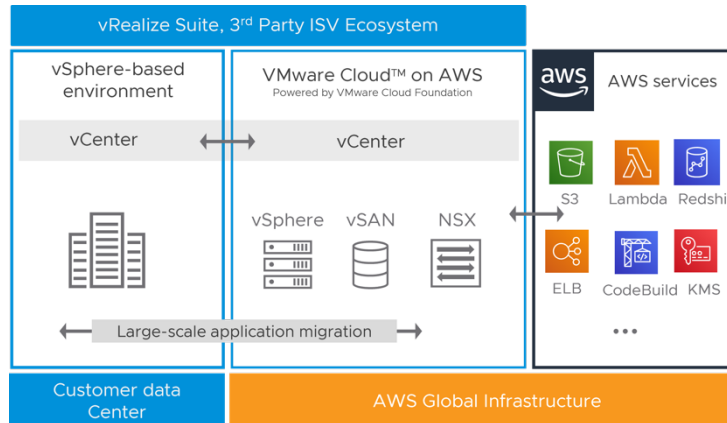


Figure 1. Hybrid cloud leveraging VMware Cloud on AWS.

"VMware Cloud on AWS performed extremely well as part of our Hands-on Lab environment, with no surprises. It performed better than some other environments. In addition, there was a significant storage performance boost for VMware Cloud on AWS that we didn't expect."

Lyubomir Lyubenov
VMware Cloud Services Architect

Top four use cases

1. **Seamless cloud migration**—By leveraging its hybrid cloud extension solution, VMware HCX[®], VMware IT moved specific applications to the public cloud without application downtime or infrastructure retrofit. It provided the flexibility of bidirectional application mobility.
2. **Data center extension**—Seasonal events like VMware Explore require massive infrastructure. VMware Cloud on AWS allows IT to extend its data center to supplement on-premises resources without having significant capital investments in hardware.
3. **Disaster recovery**—Leveraging DRaaS for VMware Cloud on AWS allows VMware IT to have efficient, on-demand site protection using VMware Site Recovery service. Thanks to the consistent operating environment from on-premises to VMware Cloud on AWS, we can quickly protect applications without requiring conversions or replatforming.
4. **Streamlining management**—With a familiar, single pane-of-glass for management and the same VMware vSphere as on-premises, VMware Cloud on AWS allowed VMware IT to control costs and complexity without growing the staff.

Looking ahead

Regardless of the workload, VMware IT can burst from private to public clouds and back with VMware Cloud on AWS. This offers tremendous flexibility for both planned and unplanned events.

VMware Cloud on AWS continues to play a significant role in VMware events. Moreover, VMware IT has migrated several critical applications to VMware Cloud on AWS, such as Jira for disaster recovery, SAP LVM and VMware Workspace One® Identity Manager.

Migrating VMware Identity Manager™ allowed VMware IT to provide colleagues with a better experience, higher availability and increased performance.

Learn more

To learn more, contact your sales representative or vmwonvmw@vmware.com to schedule a 1:1 customer briefing on this topic with a VMware IT subject matter expert.

For more information or to purchase VMware products

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