

VMware Lab Platform with VMware Cloud on AWS

SOLUTION OVERVIEW

VMware Lab Platform delivered with VMware Cloud on AWS provides a global reach for your enablement and demo needs while providing dynamic control of how and where you are delivering content. Built on provider grade technologies VMware uses for large scale events such as VMware Explore and the VMware Learning education platform.

KEY HIGHLIGHTS

- Capacity on demand
- Global Datacenter locations and delivery
- Advanced network pattern provisioning
- Virtual Classroom Delivery
- Secure isolated lab environments
- Automation and metering

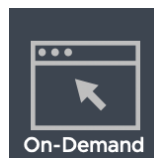
VMware Lab Platform

Delivering IT training labs has become a focus for organizations as solutions have become more complex. The need to remotely deliver training experiences has also expanded over the last few years where the reach of your training staff is becoming stretched while businesses are looking to expand into new locations. VMware Lab Platform was developed specifically to solve these challenges for VMware and we believe it can help your organization deliver remote lab experiences as well.

Packaged virtual Lab environments can be delivered on-demand for self-paced training, in an instructor-led virtual classroom, as part of a larger event, or even as a collaborative training exercise. By leveraging the configurability of virtual apps and NSX, you can pre-build and capture any lab configuration you need and have it deployed automatically for your end users without having to build out complex recipes, playbooks or scripts.

VMware Lab Platform is a hosted subscription SaaS offering that can manage and deploy into Lab templates onto VMware Cloud capacity presented to it from any supported AWS region. There isn't anything you need to install or update, and you will always have access to the latest features and capabilities on the platform with your subscription.

Common Use Cases



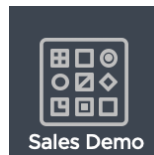
On-Demand

On Demand Training: Allows users to launch hands on training labs on their own schedule accessible from anywhere. Lab deployment and entitlement operations are completely automated and managed by VLP.



Instructor Led

Instructor Led Training: Allows students to have their own individual lab environment while allowing the instructor to proctor, shadow, assist and interact with students virtually from anywhere.



Sales Demo

Sales Demo: Easily expand your ability to give effect sales demos of your software solutions. Provisioning a known good environment with a demo pre-staged allows for a quick and easy demo without any pre-configuration or cleanup between customers.



Customer Proof of Concept: Moving from Sales Demo into Proof of Concept is extremely easy when you can entitle a customer to a time bound copy of their own demo environment. Provide access to a POC environment for the customer to evaluate your software, and even provide remote assistance and monitor their progress.



Cyber Security Training: Security operations training is essential to preparing the cybersecurity workforce of tomorrow, and for keeping current cybersecurity workers up to date on skills and evolving threats. VLP provides a safe environment to develop training scenarios and build their capabilities.

VMware Cloud on AWS

Organizations will continue to benefit from their data center investments, yet many of these organizations are also looking to benefit from the unique advantages offered by public cloud that cannot be cost-effectively delivered with today's traditional data center environment. They need to have a seamless way to integrate their existing data center infrastructure with the public cloud.

Digital transformation is driving businesses to the cloud to stay competitive. These businesses have several reasons to adopt cloud beyond their data center perimeter:

Expand to new locations

Obtaining capacity for new projects to support the business, or expanding into new geographies, without building new data centers or investing in over-provisioning of existing resources

Access capacity on-demand

Handling unplanned, temporary or seasonal capacity needs without having to incur the capital expense of maintaining spare capacity

Extend Lab environments to your premises

Lab environments can be provisioned with access to on-premises services and hardware to re-create training simulations that require physical devices over a secure connection.

Provide pre-defined lab, demo and training environments

Deploying as-needed environments for training in a consistent pattern with known good configurations and scenarios that are great for both training and demos.

Integrating the public cloud with your existing data center infrastructure can be challenging due to the many technical, process, and skills differences required to leverage both of these environments simultaneously:

- Mismatched architectures between on-premises and cloud environments
- Different tools, skill sets, operating and security models
- The need to rearchitect and refactor applications for public cloud infrastructure
- Incompatible hypervisor, networking, storage, and management stacks

VMware Lab Platform with VMware Cloud on AWS

VMware Cloud on AWS (VMC) solves these challenges by delivering a hybrid cloud service that integrates familiar VMware flagship Software-Defined Data Center (SDDC) technologies for compute, storage and network virtualization (VMware vSphere®, VMware vSAN and VMware NSX®) along with VMware vCenter® management and robust disaster protection, all optimized to run on dedicated, elastic Amazon EC2

EXPERIENCE IT TODAY

- [Get a feature walkthrough](#)
- [Try a Hands-on Lab](#)

VMWARE LAB PLATFORM RESOURCES

- [VMware Lab Platform for Higher Education](#)
- [Cyber Security Training with VMware Lab Platform](#)
- [Technical Documentation](#)

VMWARE CLOUD ON AWS

- [VMC on AWS website](#)
- [VMware Cloud on AWS blog](#)
- [Documentation](#)

bare-metal infrastructure. When combined with VMware Lab Platform, the orchestration, automation and policy management of deployed workloads becomes a seamless experience that allows you to worry less about infrastructure management and allows you to focus on creating the content you need to deliver.

VMware Lab Platform with VMware Cloud on AWS

Extending your lab deployment automation onto available VMC capacity provides the added flexibility of on-demand deployment with adjustable cluster sizes while at the same time taking advantage of availability regions not covered with VMware's hosted VLP options. VLP will deploy a proxy management VM into your SDDC environment that will facilitate management and orchestration of lab templates into the SDDC Cluster. When labs are deployed within your VMC SDDC, you can take advantage of existing VPC connections, previously deployed workloads or even adjacent AWS native services that may be applicable to your training scenarios.

How to Get Started

Getting started with VMware Lab Platform couldn't be easier. If you already have existing VMC SDDC capacity available and just need to get started using VLP, you can get started at the VMware Lab Platform product page. We have a 30-Day risk-free trial that will allow you to evaluate VLP with your own cloud capacity. If you need both

1. **VMware Cloud on AWS** – Find more details here and click on get started. <https://www.vmware.com/products/vmc-on-aws.html>
2. **VMware Lab Platform** – Get a product demo and start your trial here. <https://www.vmware.com/products/lab-platform.html>
3. **Contact your VMware representative**

Summary

Expand your training reach with VMware Lab Platform:

- Lab deployment automation allows you to focus on content and training, not infrastructure management and automation workflow development.
- VMware Cloud on AWS provides all the same benefits of vSphere in the datacenter, but in Amazon clouds globally. Using the same management tools and technologies you are used to for management without the need to buy all unneeded hardware.

You can accelerate your move to remote training for your teams and customers by using the native capabilities of VMware Lab Platform and combining it with the reach of VMware Cloud on AWS.