VMware
Hands-on Education Solution

Distance learning with hands on experience at scale
for higher education using VLP

EXPERIENTIAL LEAERNING BENEFITS

Knowledge retention has proven to be much higher when using experiential learning tools. By giving students a hands-on lab environment to learn in, you can provide the value your students are looking for.

ORGANIZATIONAL & PARTICIPANT BENEFITS

- Access virtualized labs from anywhere at any time.
- Students access real-world hands-on learning interacting with their own lab environment; allowing them to have a tailored and guided experience.
- Organizations immediately have pre-defined environment, 24/7 access, and content to train staff and students.
- Labs can be built and developed to teach students on any scenario or learning plan you can imagine.

Virtual Classes and self-paced labs delivered on-demand with turn-key solution by VMware®.

Distance learning is becoming increasingly important as students demand more flexibility in schedule and location of their education. Traditional learning experiences that require lab access to build out complex systems, or expectations that students have the ability to load software packages on their own hardware is overly burdensome.

Schools are looking for new and innovative ways to deliver training and educational labs remotely while also simplifying the administrative burden on staff and faculty. VMware has heard from their Higher Education customers, and they want to focus on teaching and providing a valuable experience to their student population in a safe and secure manner, while not having to worry about maintaining complex infrastructure and automations.

VLP was originally developed to in order to deliver live lab experiences for large scale events for VMware labs at VMworld and for driving educational labs and customer enablement. Customers looking to deliver the same experience with their own customized content are now able to, while still taking advantage of the features and scale VMware employs by utilize the exact same SaaS platform.

- Deliver Labs from your existing Learning management System using Learning Tools Interoperability (LTI) integration.

- Provide virtual Instructor led training with classrooms with video, chat, and audio extensions.

- Customize your student portal with a unique experience while providing on demand learning opportunities that can be guided with dynamic manuals.

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ADDITIONAL HIGHLIGHTS

VLP provides secure and immediate access to customized lab environments directly in their browser without needing to install anything.
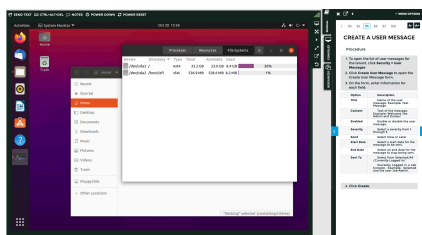
EXTENSIBILITY

Working with leading Learning Management Systems such as Blackboard, VLP uses LTI to integrate with external services as a delivery resource. Advanced customization is also available when using the available API capability.

SCALABILITY

Take advantage of the same scalability VMware has developed for hosting labs globally with multi-region support, and the ability to deploy labs close to where your students are located.

FLEXIBILITY

Labs can be as simple or as complex as you can imagine delivering any scenario you require.

Student Console Interface

Hands-On experience without the hassle

The VLP SaaS platform allows you to provide labs pre-configured for the exact scenario you would like to teach, without depending on students having to provide their own tools or software. You can provide on-demand labs with guided manuals, or host instructor driven classrooms with interactive engagement using the included Zoom powered video and chat capabilities.

COMMON EDUCATION USE CASES

• Cyber Security Education
• Computer Science / IT Labs
• Medical device / software training
• Software Development
• Dev/Op's labs

PLATFORM HIGHLIGHTS

• 24x7 Access to VLP designed for interactive hands-on learning experience
• Global Multi-Region support
• SaaS consumption model

Solution Breakdown

The VLP Solution is a SaaS platform hosted by VMware that doesn't require anything to be installed to start hosting labs. Content can be uploaded if pre-created, or developed from scatch using the included lab building capability.

Packaging is granular and as flexible as you need for your use-case. On-demand consumption options are available as well as subscription to reserved capacity for more consistent billing and metering.

LAB PLATFORM BREAKDOWN	
COMPONENT	CAPABILITIES
VMware Lab Platform	• Serves as automation and dynamic platform for students and faculty • 24/7 Access for students • Platform resources for education content • Capability to create custom labs • On-boarding Support and Platform Services included in platform consumption cost

Contact Us

For more information, please contact your VMware Sales Representative