Set up virtual labs and desktops for remote learning

With remote learning on the rise, you need to bring students and faculty together in the virtual space without inflicting IT overhead. Azure Lab Services and Windows Virtual Desktop are built for the future—supporting both distance learning and blended learning in the classroom.

Azure Lab Services

Deploy a customized virtual machine that students can use for hands-on, specialized instruction sessions.

Windows Virtual Desktop

Give students, faculty, and staff the resources they need—anywhere. Scale applications across your institution for any device with an Internet connection.

The numbers tell a clear story—students and faculty need an easy way to access learning resources off campus, even without significant technical expertise. Microsoft solutions allow users to access applications, compute, and virtual machines they need on their personal devices.

Provide virtual labs to the users anywhere with Azure Lab Services

Easily set up and provide on-demand access to customized virtual machines (VMs) to support classroom instruction, labs, hackathons, and more. Azure Lab Services offers online labs and virtualized solutions to make students and faculty need an easy way to access learning resources off campus, even without significant technical expertise.

**Engage students.** Azure Lab Services provides hands-on, assemble-your-own learning experiences for students to keep your student body engaged—both on and off campus. Virtual labs can be accessed within your Teams environment.

**Empower faculty.** Faculty can set up and test their own virtual classes and labs with Windows Virtual Desktop, then scale to meet the requirements of a more flexible learning environment.

**Connect from any device.** Users only need a browser or a remote desktop connection to work with VMs, so any device can become a powerful workstation.

**Optimize costs.** Scale to hundreds of VMs with ease, and scale down as efficiently as you want. You're only charged for active usage, so you can establish designated usage times and auto-scaling to never go over budget.

“Students can access the lab from their personal devices and use software tools on specialized hardware exactly like in the classroom. Azure Lab Services allows us to overcome the physical limitation of laboratory availability, which makes workshops more effective, and saving on hardware and software maintenance costs.”

**Massimo Barbaro**
Director of Electronic Engineering
University of Cagliari

“Students who have taken courses on the new Azure Lab Services platform say it’s a far better learning environment than previous platforms. Azure Lab Services provides more flexibility in classes and allows the faculty to be more engaged with its tech. It’s a big thing for faculty-student relationships.”

**Jimi Karagiannes**
Assistant Director of Academic and Informational Services
University of Kitakyushu

“Universities are required to create a better environment with a limited budget, and Windows Virtual Desktop can do both: excellent performance and low cost. It is an ideal service for universities because it can flexibly respond to the increase and decrease of resources according to the usage situation.”

**Hiroaki Furukawa**
Professor of Engineering
University of Cagliari

“Windows Virtual Desktop’s scalable infrastructure has enabled us to deploy 30 servers under Azure and ensure the bandwidth required in 3 days to power our 31 campuses. All of our administrative teams have benefitted from the remote location of their workstations with the tools available on the EduServices network.”

**Eric Rahagojmana**
Director of Digital and Educational Innovation
University of Cagliari

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**Jimi Karagiannes**
Assistant Director of Academic and Informational Services
University of Kitakyushu

Scale applications across your institution with Windows Virtual Desktop

Get students, faculty, and staff the resources they need anywhere. Windows Virtual Desktop provides tailored access to applications with easy deployment and management in the cloud. It can push a curated set of educational applications to all users and scale up or down to conserve resources.

Access on desktop and mobile. Virtual Desktop provides the only multi-session full Windows experience for any device with an Internet connection. Access from PC, Mac, iOS, Android, or HTML. It’s cross-platform.

Deploy and scale with ease. Virtual desktop and modern applications work together in the cloud, streamlining your IT management for apps like Outlook and OneDrive.

Scale to as many users as you need. “Azure Lab Services allows us to overcome the physical limitation of laboratory availability, which makes workshops more effective, and saving on hardware and software maintenance costs.”

**Jimi Karagiannes**
Assistant Director of Academic and Informational Services
University of Kitakyushu

Enhance security and management. Virtual Desktop is built on Azure, the world’s most secure cloud, with a centralized dashboard to easily track and analyze user pattern statistics.

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Get started

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