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Cisco Modeling Labs for Education

Instructor- and student-friendly network simulation

Jump-start your students' networking know-how

To fully absorb new networking knowledge and prepare for certification exams, your students must put their learning to work through hands-on practice with Cisco solutions. That's how abstract concepts become real-world skills. Physical labs can help them practice, that is, if you have the time and budget for major equipment purchases and maintenance.

But the easiest, most efficient, and most effective way to give students practice time is with **Cisco Modeling Labs for Education**. Cisco Modeling Labs is the premier Cisco platform for simulating Cisco and non-Cisco networks. This on-premise tool allows your students to practice their networking skills with authorized Cisco software including Cisco Internetwork Operating System (Cisco IOS®), IOS-XRv, and NX-OS, to prepare them for jobs after they finish school.

Benefits

- **Upgrade to version 2.9** and enjoy added docker containers, advanced group permissions, node disk image cloning, external labs repository, and custom fonts for terminal windows

- **Give your instructors the technology** to support rich remote learning for networking courses

- **Enable your students to lab from anywhere**, quickly and efficiently

- **Let students practice the entire network lifecycle** including design, configuration, and troubleshooting

- **Give your students a head start** with network automation

- **Reduce your lab budget** and energy footprint

- **Automate building lab environments** for students

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Version 2.9 features added docker containers

New features in Version 2.9:

- **Added docker containers** let you expand your simulations with new light-weight node types

- **Node disk image cloning** helps you create reusable node disk images for faster lab setups

- **Advanced group permissions** give you fine-grained control over lab sharing with new permission levels

- **An external labs repository** lets you sync and import sample labs directly from external Git repositories using just a URL

- **Custom fonts for terminal panes** help you configure terminal fonts to personalize and improve your console experience

Remote learning tools are more essential than ever, for students at all levels. That's why the price point of Cisco Modeling Labs for Education is designed to support your needs as an educational institution. We believe that when students thrive, we all thrive.

Design, test, troubleshoot, learn

You wouldn't send a young musician onto the stage to perform without letting them practice first. The same is true for IT jobs. **Cisco Modeling Labs for Education** gives students a safe place to practice and learn every aspect of networking, from design and testing to troubleshooting and network automation.

- Students can collaborate in shared labs and build individual labs. And labs are persistent between runs, so what students configure in one session is still there when they return

- The UI is an easy-to-use HTML5 interface, with built-in productivity tools to enable fast build- up and tear-down. (It's fun, too!)

- The tool's comprehensive, easy-to-use API helps students learn automation and programmability. Anything they can do in the UI, they can also do via the API—and then some

- You can use the same API to automate the building and provisioning of pre-configured labs for student use

With **Cisco Modeling Labs for Education**, your students can practice skills they'll use after they finish school. Then, when it's time for them to step onto the stage of their careers, they'll be ready.

Learn more

Contact us today to learn more about Cisco Modeling Labs for Education, and prepare your students for real-world work in the field of IT.