



The **DETER** Project

DETER: research project and operator of DeterLab, an advanced testbed facility, where leading researchers conduct critical cybersecurity experimentation and educators teach using hands-on exercises. DeterLab emulates real-world complexity and scale necessary to evolve next-generation solutions to help protect against sophisticated cyber attacks and network design vulnerabilities. As devices become Internet-integrated, the need for resilient design is apparent. This is where it begins.

- Freely Available Virtual Lab through Project Application Process
- Authenticated Controlled Access for Users via Web Interface
- Testbed Technology to Create Virtual Hosts and Networks from Lab's Real Hardware
- Design Tools to Define Project-Specific Virtual Test Network
- Automation Tools to Define Repeatable Tests and Experimental Procedures
- Controlled Federation with Other Test Labs for Larger Scale and Global Reach
- Broad User Community Spanning Thousands of Users in a Wide Variety of Research and Education Projects



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