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CENIC

Newsletter

October 2024



In this newsletter, you'll find information on California's research and education community in action with CENIC via the high-performance networking and services CENIC provides, how you and your colleagues are using these networking services to participate in collaborations within California and beyond, other networking-related events, funding, programming, and awards.

Thanks for reading!

In Action with CENIC



The Strength of Community in Research & Education Security Trends

The more central the Internet becomes to our daily lives, the more frequently bad actors work to disrupt it, be it by hijacking, spoofing, Distributed Denial of Service (DDoS) attacks, or some other means.

California's research and education community must assume that being targeted for such

an attack is just a matter of time, and that it will eventually happen. Partnership and communication are critical to defending against attacks. [READ THE ARTICLE >](#)

The Venue is the World: CENIC Helps SFJAZZ Share Music with Everyone

When Mount Allen was a child growing up in Detroit, Michigan, his teachers would occasionally pack him and his classmates into a big yellow bus and take them to the symphony to witness a live performance.



It's an experience Allen never forgot—and one he believes everyone should be afforded. He's working to give the public such opportunities through his role at San Francisco Jazz (SFJAZZ), which uses CENIC infrastructure to livestream performances to classrooms and libraries across the state. [READ THE ARTICLE >](#)



New Connections to Major Cloud Providers Boost Performance and Value for CENIC Members

In addition to the 10 Gbps connection to AWS made possible by CENIC's interconnection to Internet2 at San Jose, CENIC now offers direct connections to

AWS Direct Connect and Oracle FastConnect through the California Research and Education Network (CalREN) at its Los Angeles and San Jose backbone node sites. [READ THE ARTICLE >](#)

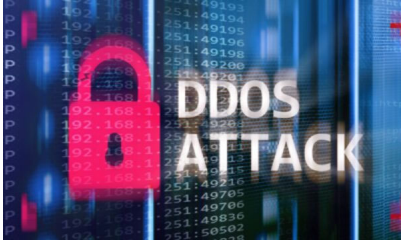
Learn What CENIC and Our Members Accomplished Together in the CENIC 2022-2024 Community Report

All of the achievements you'll read about in the CENIC 2022-24 Community Report are natural extensions of both facets of our CENIC mission: to advance research and education statewide by providing the world-class computing network essential for innovation, collaboration, and economic growth; and to ensure broadband equity for all Californians.



In the report you will learn more about updates to the CalREN backbone, member institutions' circuits, the CENIC AI Resource (CENIC AIR), and breathtaking network-enabled innovations by our members. [READ THE REPORT >](#)

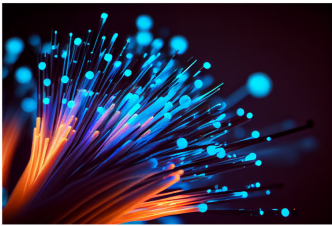
The Easy Button for DDoS Attacks: Fast, Convenient, Cost-Effective Mitigation for CENIC Member Institutions



CENIC member institutions can take advantage of CENIC's [DDoS Mitigation Service](#) (DMS), made available through CENIC's [Internet2](#) membership. Thanks to its partnership with Internet2, CENIC is able to contract for Radware's on-demand, cloud-based DMS. This allows CENIC members to purchase services through CENIC, leveraging Internet2's attractive pricing and CENIC's high-capacity direct connections with Internet2 and through Internet2 to Radware.

The security benefits of CENIC membership don't stop there, though; CENIC's incredibly responsive 24/7/365 Network Operations Center provides an even greater layer of protection, as the [San Diego Community College District](#) (SDCCD) experienced themselves. [READ THE ARTICLE >](#)

Community News



- [NTIA Receives More Than 700 Applications Seeking Over \\$6.5 Billion for Digital Equity Projects](#)
- [CSU Launches the Multi-University Collaboration Initiative to Reduce Costs and Better Serve Students](#)
- [Watch a UC Berkeley digital forensics expert break down political deepfakes](#)
- [Scientists use drones to track white sharks along California beaches](#)
- [CPUC Awards \\$172 Million in Grants for Broadband Projects Across California](#)
- [California Community Colleges Board of Governors Announces Support for Education Facilities and Climate Change Ballot Measures](#)
- [GAO Report: Administration of Universal Service Programs Is Consistent with Selected FCC Requirements \(PDF\)](#)

Events & Program Opportunities



- **SFJAZZ Educational Events, San Francisco, CA and Online [LEARN MORE >](#)**
- **NANOG 92: Oct 21-23, 2024, Toronto, Canada [LEARN MORE >](#)**
- **California IT in Education (CITE): Nov 19-21, 2024, San Diego, CA [LEARN MORE >](#)**
- **Supercomputing 24: Nov 17-22, 2024, Atlanta, GA [LEARN MORE >](#)**
- **Internet2 2024 TechEx: Dec 9-13, 2024, Boston, MA [LEARN MORE >](#)**

About CENIC | www.cenic.org

CENIC connects California to the world — advancing education and research statewide by providing the world-class network essential for innovation, collaboration, and economic growth. This nonprofit organization operates the California Research and Education Network (CalREN), a high-capacity network designed to meet the unique requirements of over 20 million users, including the vast majority of K-20 students together with educators, researchers, and others at vital public-serving institutions. CENIC's Charter Associates are part of the world's largest education system; they include the California K-12 system, California Community Colleges, the California State University system, California's Public Libraries, the University of California system, Stanford, Caltech, USC, and the Naval Postgraduate School. CENIC also provides connectivity to leading-edge institutions and industry research organizations around the world, serving the public as a catalyst for a vibrant California.

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