



## INTERNET2 BENEFITS FOR HIGHER EDUCATION MEMBERS

### Internet2 Membership Positions Your Institution for Success

- Tackle complex and pressing information technology challenges in higher education and scholarship as part of a group of leading U.S. institutions
- Shape the course of IT innovations – learn how institutions use community-developed Internet2 technologies to solve problems and further their research, education and service missions
- Take part in a community that convenes the brightest minds in higher education
- Contribute to and benefit from shared advocacy on national issues
- Participate in program advisory and steering groups, collaborative working groups, task forces and other specialized communities of experts
- Enjoy reduced registration rates for Internet2 events
- Receive advice and letters of support from Internet2 for research projects and grant applications
- Gain marketing and communications support for key accomplishments and initiatives

**Learn more:** [membership@Internet2.edu](mailto:membership@Internet2.edu)

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### Trust and Identity

Internet2's Trust and Identity division encompasses a number of community-driven services to support collaboration, and identity and access management, for higher education and research through:

- InCommon Federation – Providing a collaboration-ready trust framework for research and education, including single sign-on and privacy-enhancing exchange of information among participants, and access to global collaboration services
- Software Engineering and Development – Ensuring key IAM suite software components work together and are sustainable, with straightforward installation and configuration (including Shibboleth, Grouper, COmanage, and midPoint); also working with research and education on adoption strategies
- eduroam – As the U.S. node for this global federated wireless service, ensuring that eduroam in the U.S. is robust and sustainable
- InCommon Certificate Service – Operating this community-developed enterprise-scale certificate service, with unlimited SSL, EV, and other types of certificates for one annual fee available to U.S. higher education

**Learn more:** [internet2.edu/vision-initiatives/initiatives/trust-identity-education-research/](http://internet2.edu/vision-initiatives/initiatives/trust-identity-education-research/)

[internet2.edu](http://internet2.edu)



## Internet2 Operates the Fastest, Most Advanced Network for Higher Education in the U.S.

- Support and shape the network, assuring capacity and assets are available to meet your needs
- Connect through Internet2 regional partners and pass traffic on a backbone that is built on 100 gigabit Ethernet technology on the entire footprint
- Connect to more than 65 R&E networks globally to support your international research collaborations
- Build Layer 2 paths with other parties that are part of an open exchange on the network
- Access technical assistance around network performance issues through use of Deepfield analytics to track, model and visualize campus use of the network
- Subscribe to cloud-based volumetric DDoS mitigation service
- Use the Internet2 and regional partner networks to access Microsoft Azure Express Route, Amazon's AWS Direct Connect and Google Cloud Platform Dedicated Interconnect

Learn more: [networkdevelopment@internet2.edu](mailto:networkdevelopment@internet2.edu)

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## Internet2 Solves the Cloud Conundrum for Campuses with a Unified Portfolio of Solutions Tailored for Higher Education

- Subscriptions to the full portfolio of NET+ services: [internet2.edu/cloud-services/](https://internet2.edu/cloud-services/)
- Leverage the capacity of your Internet2 network connection for enhanced performance and delivery of cloud services
- Enjoy rapid deployment and ease of integration of commercial cloud services uniquely configured for academic needs, legal terms negotiated via the power of a large community, and frequently substantial financial savings
- Opportunity to help set NET+ service requirements, and identify and validate enterprise cloud solutions that are effective in meeting broad research and instructional needs

Learn more: [internet2.edu/vision-initiatives/initiatives/internet2-netplus/](https://internet2.edu/vision-initiatives/initiatives/internet2-netplus/)

