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Seamless Wi-Fi Access with eduroam

Eduroam is a global Wi-Fi service enabling researchers, students and staff to obtain secure and fast internet connectivity across campuses and millions of access points across the globe. This benefits visiting researchers and faculty traveling for scholarly and collaborative work, students studying abroad and visiting other campuses, and anyone traveling to another participating organization. Since individuals use their home credentials, there is no need to provision guest accounts to these visitors.

Five easy steps to set up eduroam

1. **Submit a request to join at:**
www.incommon.org/eduroam
2. **Exchange IP addresses, shared secret, and test credentials**
3. **Connect your RADIUS server to the eduroam-US federation**
4. **Enable eduroam on your campus Wi-Fi to welcome visitors (independent from step 3 and not required initially)**
5. **Advertise the service to your community**

Your users can now travel the world with eduroam and you have just extended your Wi-Fi network to millions of access points. When you enable eduroam on your campus Wi-Fi, visiting researchers, faculty and students from around the world have access.

Eduroam Supports Research and Education by Providing:

- high-speed, roaming broadband in more than 69 countries and territories
- millions of access points across the globe, with only one setup
- secure and privacy-preserving technology

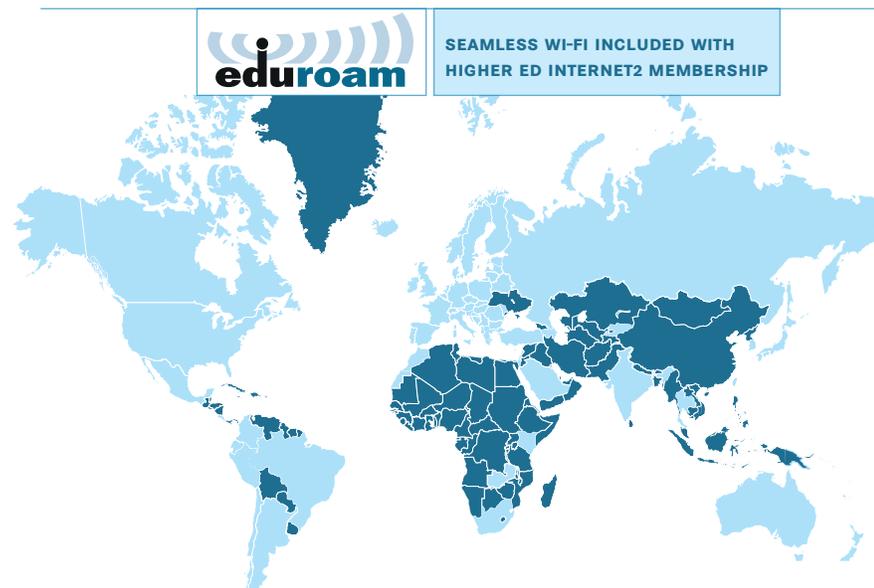
What Are the Benefits?

Eduroam removes the need to supply temporary accounts to visiting users, which can result in significant cost savings and reduced IT workload. You can also deploy eduroam to meet all of your campus secure Wi-Fi connectivity requirements, including your local users, visitors on your network, and your users connecting to other participating networks.

By joining eduroam you not only extend your network to visitors but allow access for your own students and faculty while they are at other U.S. institutions or abroad.

With millions of Wi-Fi access-points sharing a common SSID, eduroam acts as a large, worldwide, Wi-Fi hotspot.

Eduroam enables and enhances collaboration by providing instant wireless access for any visiting researcher, faculty member, graduate student, or undergraduate from any eduroam institution.



How Does it Work?

Eduroam is a worldwide federation of RADIUS servers using IEEE 802.1x technology. Internet2 maintains top-level RADIUS servers in the United States, routing access requests to a user's home institution. eduroam is federated, so an individual uses his or her home institution credentials and is provisioned by the home institution.

Eduroam eliminates the need for provisioning guest accounts to visitors from other eduroam institutions.

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"The University of California, Riverside, implemented eduroam in April 2012, and ever since has been extremely popular with students and faculty. We (central computing) have received several complements from faculty that travel, and currently have approximately 100 unique off-campus users per day that use eduroam. Thanks very much for providing the service for all US campuses."

-Russ Harvey, Director, Computing Infrastructure and Security, University of California, Riverside

"We partner with a multitude of four-year institutions in the Philadelphia area, plus summers are filled with students picking up classes to transfer to their home colleges and universities. As the first community college in the country using eduroam, we now have the ability to service many more of our students with external credentials, plus has cut down on helpdesk calls."

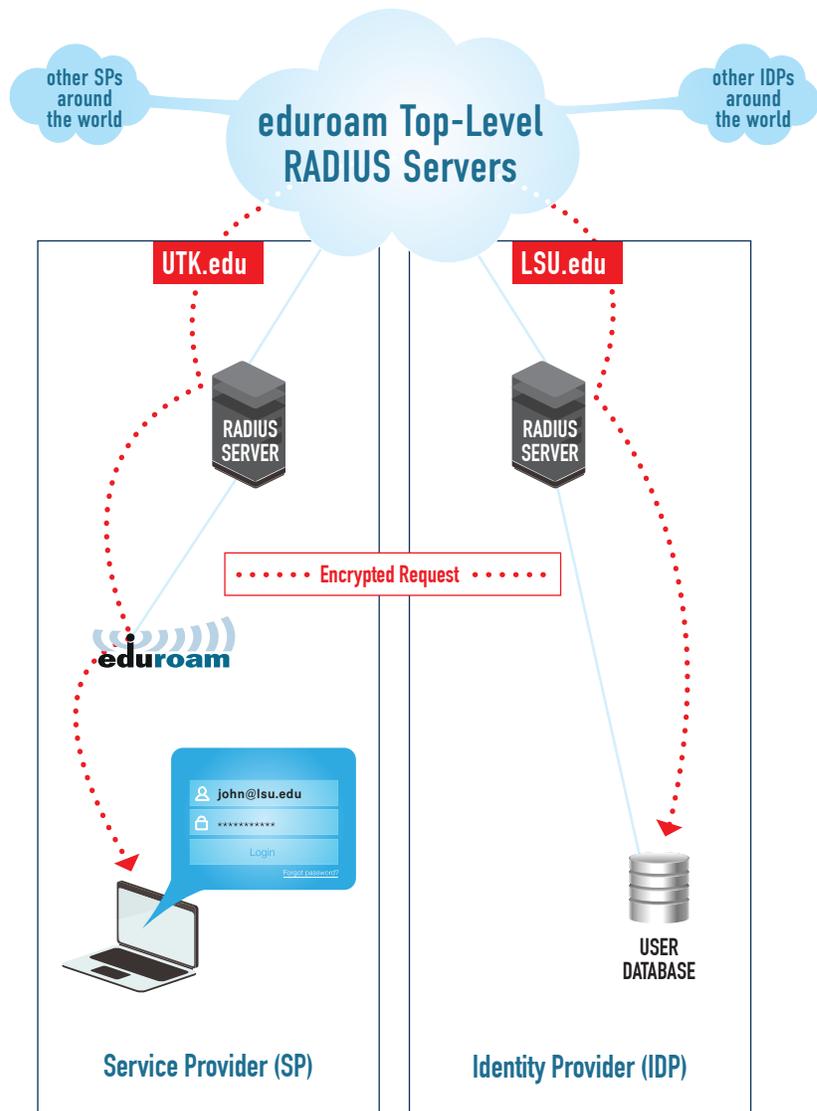
-Gregg Heimer, Montgomery County Community College

"eduroam's release was positively received, especially by faculty, who view eduroam as a beneficial tool in their academic endeavors."

-Robert Gorrell, Senior Architect, Identity and Access Management, University North Carolina-Greensboro

"We've had some high-profile satisfaction: our provost and others have recently used their local credentials around the world. Singapore, Norway, Hong Kong... who knew it would be so easy? We're seriously considering making eduroam our primary on-campus ssid."

-Steve Lovaas, Colorado State University



For More Information

To learn more about eduroam and how this service can meet your campus wireless needs, please visit: www.incommon.org/eduroam or email: eduroam-support@internet2.edu



Internet2 is responsible for operating eduroam in the U.S. and contracts the technical operation to ANYROAM.