Eduroam at CSCC

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ISSUE

Eduroam at CSCC

ENVIRONMENT

CSCC Network

Eduroam

Wireless

RESOLUTION

The [eduroam](#) (**edu**cation **roam**ing) service, developed for the international research and education community, is a secure, worldwide wireless network access system that allows students, faculty, and staff from participating institutions (including all CSCC campuses) to access the Internet when visiting other participating institutions. With eduroam, you can connect to the network at other member institutions using your CSCC credentials.

For example, a CSCC student can authenticate to the "eduroam" wireless network on the University of Illinois at Urbana-Champaign campus (an eduroam service provider) using CSCC credentials; similarly, Illinois users can authenticate to the "eduroam" wireless network at CSCC campuses using their home campus credentials.

Eduroam is managed by the Global eduroam Governance Committee, which is made up of several regional administrative entities. CSCC is a member of eduroam-US. The Committee on Institutional Cooperation, a consortium of higher education institutions that includes Big Ten universities and the University of Chicago, has recommended using eduroam as the official mechanism for cross-member wireless network access.

Connection information

When on an eduroam service provider campus, connect to the "eduroam" SSID. For your username, enter your full [C](#)SCC email address in the form *imacougar*@student.cscc.edu for student access or *imacougar*@cscc.edu for employees. For your password, enter your CSCC password.

You can find lists of current eduroam service providers at the regional websites:

- **USA:** https://www.eduroam.us/
- **Asia-Pacific:** http://www.aarnet.edu.au/services/eduroam/global-eduroam
- **Australia:** http://www.eduroam.edu.au/
- **Canada:** http://www.canarie.ca/identity/institutions/
- **Europe:** https://www.eduroam.org/index.php?p=europe

Visitor information

You can connect to the "eduroam" wireless network at CSCC by using your home campus identity and password. Normally, your identity will be your campus email address, e.g., *username*@illinois.edu.

Security information

Authentication is accomplished using a federated RADIUS server infrastructure. As a CSCC user, you must log in with your full email address to identify which RADIUS server in the eduroam infrastructure should handle your authentication attempt.

When you enter your credentials at a remote institution, the authentication dialogue is encrypted between your device and CSCC RADIUS servers. Additionally, the authentication method used by CSCC is a challenge-response mechanism, so your client never actually sends your password over the network.

CAUSE

N/A

METADATA

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