Connecting to Campus WiFi

The following provides step-by-step instructions on manually configuring your devices to use eduroam.

To connect to the campus internet as a guest, please contact the Technology Support Center and be ready to provide your full name and contact phone number and/or email.

If you have any questions or should you be in need of further assistance, please contact the Technology Support Center at (909) 537-7677 or email support@csusb.edu.

Android

Please perform the following steps:

1. From the Home menu, go to Settings.
2. From Settings, choose Wi-Fi. Make sure Wi-Fi is set to ON.
3. From the available Wi-Fi networks, select eduroam.
4. On the eduroam screen:
   - In the Phase 1 Authentication field: PEAP
   - In the Phase 2 Authentication field: MSCHAPV2
     - NOTE: If you are using a Chromebook, modify the Server CA certificate: choose Do Not Check.
     - If prompted, with "CA certificate must be selected" choose "System Certificates" and then type csusb.edu into the Domain field.
   - In the Domain field: csusb.edu
   - In the Identity field: Enter your your MyCoyoteID#@csusb.edu
   - In the Anonymous Identity field: Leave Blank
   - In the Password field: enter your MyCoyote password.
   - Select Connect.

You should now be connected to eduroam.
iOS (iPhone, iPad, iPod)

Please perform the following steps:

1. Go to Settings, select Wi-Fi.
2. Select eduroam.
3. When prompted, enter the following:
1. Username: CoyotelD@csusb.edu (**NOTE: Please be sure to enter @csusb.edu)
2. Password: Your CSUSB password
3. Select Join
4. You will be prompted to accept the certificate from netauth.csusb.edu
5. After tapping accept, you will returned to the main Wi-Fi page and there is now a check mark next to eduroam.

**Mac OSX**

Please perform the following steps:

1. On the Mac desktop, click the Wi-Fi icon on the Status menu to display the available Wi-Fi networks.
2. Select eduroam.
3. Choose Automatic mode and insert the following:
   1. Username: CoyotelD@csusb.edu (**NOTE: Please be sure to enter @csusb.edu)
   2. Password: You CSUSB password
4. At the Verify Certificate window, select Continue.
5. At the window stating You are making changes to your Certificate Trust Settings. Type your password to allow this. Input your computer account & password and click Update Settings
6. Verify that you are now connected to the "eduroam" network in the status menu.

**Windows 10**

Please perform the following steps:

1. Press the Windows key at the bottom left corner of the desktop/home screen.
2. Select Settings.
3. On the Settings screen, click the Network & Internet icon.
4. Go to the WiFi section and select eduroam.
5. The eduroam screen will display:
   1. Username: CoyotelD@csusb.edu (**NOTE: Please be sure to enter @csusb.edu)
   2. Password: You CSUSB password
   3. Select Connect.
6. A screen will appear asking if you want to continue connecting. Click Connect to acknowledge the screen and connect to eduroam.
Windows 8.1

Please perform the following steps:

1. At the Windows 8.1 Start page, select the Desktop box.
2. In the Windows 8.1 Networks menu, select eduroam.
3. Once the eduroam network has been selected, check the Connect automatically box, then select Connect.
4. At the Username and Password input menu, enter the following:
   1. Username: CoyoteID@csusb.edu (***NOTE: Please be sure to enter @csusb.edu)
   2. Password: Your CSUSB password
5. At the Continue connecting? menu, select Connect.
6. Verify that you are connected to the eduroam network by observing the word Connected below the eduroam.

Windows 7

Please perform the following steps:

1. On the Windows Desktop, select the Wi-Fi network icon in the taskbar to open the list of available Wi-Fi networks.
2. Select eduroam.
3. Once the eduroam network has been selected, check the Connect automatically box, then select Connect.
4. At the Network Authentication window, input the following:
   1. Username: CoyoteID@csusb.edu (***NOTE: Please be sure to enter @csusb.edu)
   2. Password: Your CSUSB password
5. At the following Windows Security Alert window, click Connect.

Linux (Debian/Ubuntu)

Please perform the following steps:

Using the NetworkManager GUI (screen-shots attached)

- Security: WPA2 Enterprise
- Authentication: Protected EAP
Anonymous identity: (see Username below)
CA certificate: (browse to /etc/ssl/certs/AddTrust_External_Root.pem)
PEAP version: Automatic
Inner authentication: MSCHAPv2
Username: Your CoyoteID#@csusb.edu
Password: Your CSUSB password

Using configuration files

Create/edit a wpa_supplicant.conf file for PEAP/MSCHAPv4

$ cat /etc/wpa_supplicant.conf
# IEEE 802.1X with dynamic WEP keys using EAP-PEAP/MSCHAPv2

ctrl_interface=/var/run/wpa_supplicant

network=
    ssid="eduroam"
    key_mgmt=WPA-EAP
    eap=PEAP
    phase2="auth=MSCHAPV2"
    identity="001234567@csusb.edu"
    #echo -n 'My passphrase goes here!' | iconv -t utf16le | openssl md4
    password=hash:53ae93be67682f6b18cc3b9dc84a9af8
    ca_cert="/etc/ssl/certs/AddTrust_External_Root.pem"
}

Edit /etc/network/interfaces to reference the wpa_supplicant.conf file

$ cat /etc/network/interfaces
auto lo
iface lo inet loopback

auto wlan0
iface wlan0 inet dhcp
    wpa-conf /etc/wpa_supplicant.conf

Disable the GUI, if applicable

$ sudo service network-manager stop
$ sudo update-rc.d network-manager disable

Restart networking for wlan0
$ sudo ifdown wlan0
$ sudo ifup wlan0

Confirm successful configuration

$ ip addr
$ sudo iwconfig