

# CENGN myLab Remote Access Service

## Quick User Guide

The preferred means of accessing your Training Space is from a Web Browser by using CENGN's myLab remote access service (built using Apache Guacamole). This is a client-less web application that provides a browser-based CLI or desktop connection to your Training Space.

## Initial Setup

### Step 1: Login

Browse to: <https://mylab.training.cengn.ca/>

This will take you to a login page (as shown in this screenshot) where you will login using the credentials provided to you in your enrollment email.

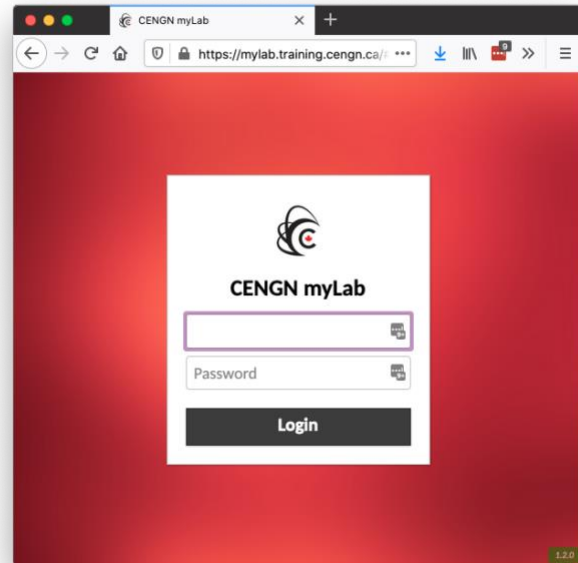


Figure 1 - Login Screen

CENGN myLab is configured with multi-factor authentication for enhanced identity verification. You will need to install the [Google Authenticator application](#) on a mobile device and scan the QR code provided to generate your pass-code token. You may also use the [Authy](#) authenticator application.

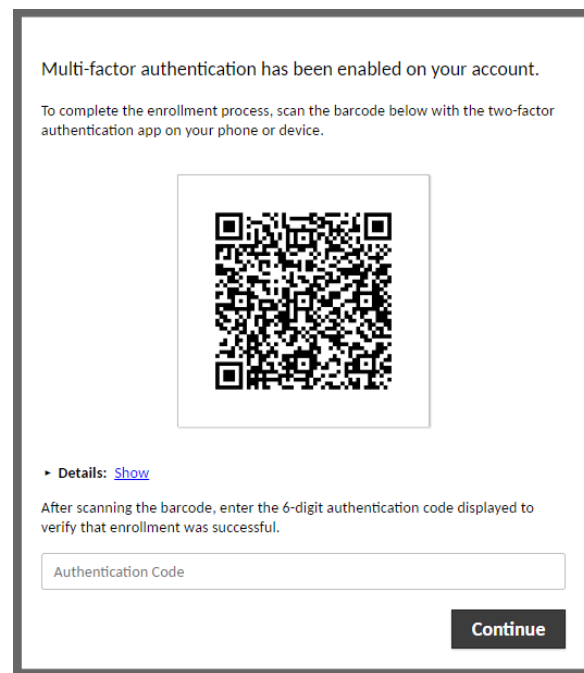


Figure 2 - Multi-factor Authentication Registration

## CENGn myLab Service Quick Guide

### Step 2: Familiarize yourself with the Dashboard

Once logged in, you will be taken to a dashboard similar to what's shown in Figure 3. There you will be able to connect to your Training Spaces and change your user settings.

Available connections are listed under the ALL CONNECTIONS header. Selecting the right link will take you to the command line of the cloud node or other connection you need.

**Note:** Once you log in, you might start on your node directly (CLI or GUI) skipping the dashboard page shown below:

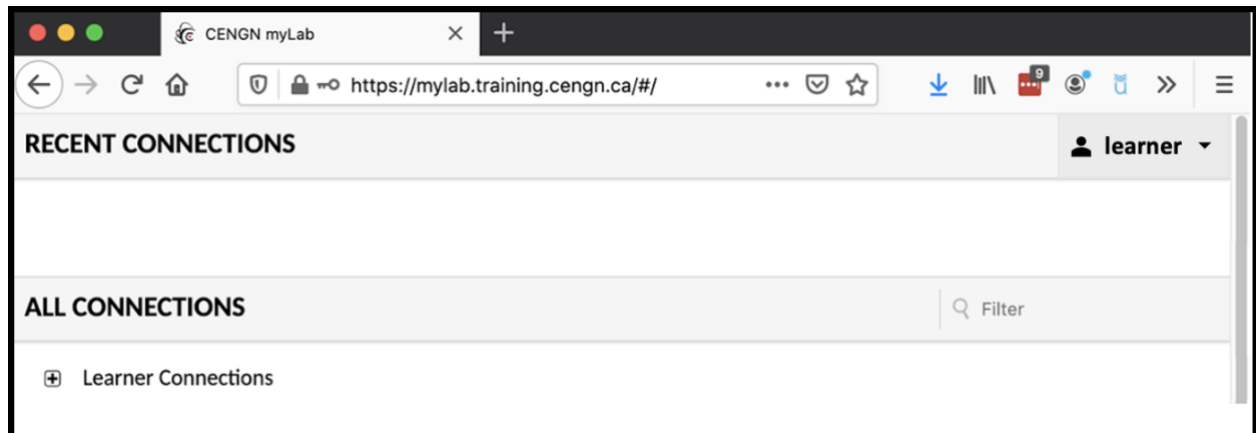


Figure 3 - Dashboard

### Step 3: Change your password

At the top-right of the dashboard you will find a drop-down menu with your username. From the selection, click on Settings.

On the Settings page, select the "Preferences" tab. Here, you will find a "Change Password" category. To change your password, you must enter your current password and new password then select "Update Password".

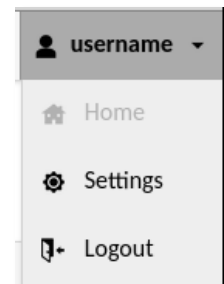


Figure 4 - User Drop-down Menu

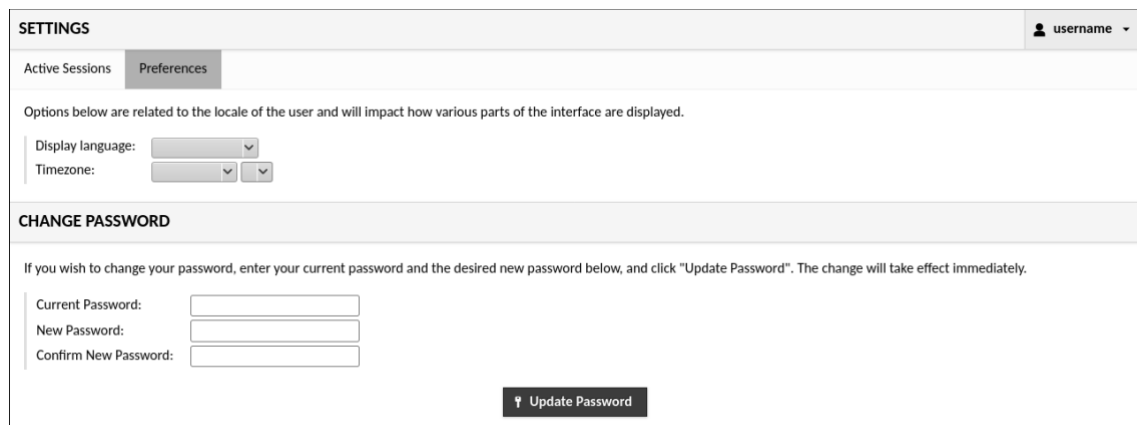


Figure 5 - Preferences Screen

## Enabling Copy-to-Clipboard

### On Firefox- Enable Asynchronous Clipboard

- In the URL bar type “about:config”, then press enter
- Click the “Accept the Risk and Continue” button
- In the search field type “clipboard”
- Look for “dom.events.testing.asyncClipboard”. Use the toggle button or double click the setting name to set the value to “true”
- Refresh the myLab page, or restart the browser

### On Chrome – Allow Clipboard

- Go to Settings/Privacy and Security/Site Setting/Additional Permissions
- Click on Clipboard
- In the list of URLs, click on: <https://mylab.training.cengn.ca/>
- Look for "Clipboard" option, and change its value to “Allow”

## Finding the Menu

The menu is a sidebar which is hidden by default. You can access this menu on a Windows or Linux system by pressing **Ctrl+Alt+Shift** (or on a Mac by pressing **Control+Option+Shift**). Use the same key combination to hide the menu again. The myLab menu provides options for:

- Navigating back to the home screen
- Reading from (and writing to) the clipboard of the remote desktop. For example, if you want to copy text into your node, you can use **Ctrl+C** to copy text locally and then press **Ctrl+Alt+Shift**, myLab menu will open with the clipboard text. You can then copy that text from the menu into the terminal on your node.
- Uploading and downloading files
- Selecting alternative methods of typing or controlling the mouse, particularly for use on mobile or touchscreen devices
- Zooming in and out of the remote display
- Disconnecting from the current connection entirely

## Navigating and Disconnecting

When you are done using the current connection, or you wish to navigate elsewhere temporarily, options to do so are within the user menu inside the myLab menu:

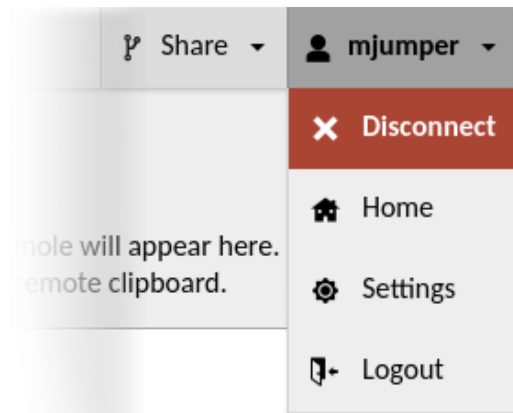


Figure 6 - User menu with disconnect option

The user menu within the myLab menu provides an additional "Disconnect" option that allows you to explicitly close the current connection only. Clicking "Logout" will also implicitly disconnect all active connections, including the current connection.

Navigating back to the home screen or to the settings screen will not disconnect you: your connection will continue running in the background while you change settings or initiate another connection, and you can resume any active connection by clicking on it within the home screen.

## Guacamole Homepage

For further information and technical details, you can go to the [Guacamole Homepage](https://guacamole.apache.org/doc/gug/using-guacamole.html) at <https://guacamole.apache.org/doc/gug/using-guacamole.html>.