Two-Step Authentication Workout Teacher Instructions
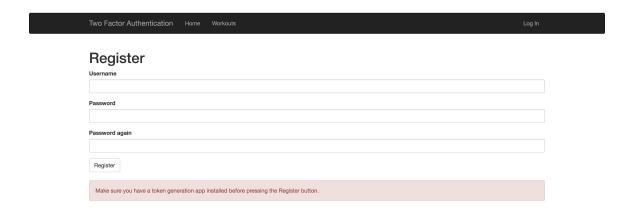
Introduction

In the *Two-Step Authentication* workout, students will learn the importance of increasing account security using two different authentication factors. In this workout, students will learn how to easily set up two-step authentication when creating an account. Please ensure the students have a token generation app installed on their phones such as Google Authenticator.

The Mission

Students will need to navigate to the Cyber Gym Classified Web Application and the two-step authentication workout at http://10.1.1.33:5000. They should see a page welcoming them to the workout and that they should either register or login.

Students should begin the workout by registering for a new account by clicking the register button. The form is simple and students just need to enter a new username and password. Although the workout instance is temporary and any data entered will be deleted, it is recommended that students don't use their password for other accounts.

Register

Username

[   ]

Password

[   ]

Password again

[   ]

[Register]

> Make sure you have a token generation app installed before pressing the Register button.

Once the students are registered for their new account, they will now need to set up two-factor authentication. Students will have to open their token generation app on their smartphones and scan the barcode presented on the screen.

Two Factor Authentication Setup

Please use the installed token generation app on your smartphone and scan the following QR Code with it:

Click here when finished Login

A Time-based One-Time Password (TOTP) tokens generator will be created for their account immediately after scanning the barcode. The students will then need to log in and enter their credentials and token number. The students will have a limited time to enter the token number from their smartphones, and if they run out of time, they will have to enter a new number. Once the students successfully log in, the will be presented with a flag to complete the workout.

Login

Username

Password

Token

Login