2-Step Verification
Summer 2017, Version 1

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Introduction

2-Step Verification adds an extra layer of security to your MyCalStateLA ID account by using two types of authentication to verify your identity. In addition to your username and password, 2-Step Verification requires a physical device that you control, such as your mobile phone or tablet, to complete the login process. This prevents anyone but you from accessing your account, even if they know your password. This handout covers how to enroll in 2-Step Verification, register and authenticate with your device, manage your devices, and get help.

Enrolling in 2-Step Verification

You can enroll in 2-Step Verification using your MyCalStateLA ID account.

To enroll in 2-Step Verification:
1. Visit the 2-Step Verification website, and then click the Sign Me Up button.
2. Log in with your MyCalStateLA ID account.
3. Once logged in, click the Confirm button. Within 24 hours, you will receive an email message with information on how to complete the enrollment process and register your device.
4. Follow the steps in the Registering Your Device section of this handout.

Registering Your Device

Once you enroll in 2-Step Verification, you need to register at least one device. There are several devices that you can use. Each device has one or more methods that can be used to authenticate (see Table 1).

Table 1 – Supported Devices

<table>
<thead>
<tr>
<th>Device Type</th>
<th>Authentication Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smartphone</td>
<td>• Duo Mobile push notification (most preferred method)</td>
</tr>
<tr>
<td></td>
<td>• Duo Mobile passcode</td>
</tr>
<tr>
<td></td>
<td>• Text message passcode</td>
</tr>
<tr>
<td></td>
<td>• Phone call</td>
</tr>
<tr>
<td>Basic mobile phone</td>
<td>• Text message passcode</td>
</tr>
<tr>
<td></td>
<td>• Phone call</td>
</tr>
<tr>
<td>Tablet</td>
<td>• Duo Mobile push notification</td>
</tr>
<tr>
<td></td>
<td>• Duo Mobile passcode</td>
</tr>
<tr>
<td>Landline</td>
<td>• Phone call</td>
</tr>
</tbody>
</table>

To register your device:
1. Log in to the MyCalStateLA Portal with your MyCalStateLA ID account (see Figure 1).
2. The 2-Step Verification Welcome screen appears (see Figure 2). Scroll down and click the Start setup button.
3. The Choose Your Device screen appears. Follow the steps in the Mobile Phone, Tablet, or Landline section of this handout to enroll your device.
Mobile Phone

You can use a mobile phone as your authentication device. It lets you authenticate with a phone call or a passcode sent to you via text message. If you have a smartphone, you can install the Duo Mobile app which lets you authenticate with a push notification or a passcode generated by the app.

To register a mobile phone:

1. On the Choose Your Device screen, select the Mobile phone option button, and then click the Continue button (see Figure 3).
2. On the **Enter Your Phone Number** screen, select **United States** from the **Country** drop-down list, type your phone number in the **Phone Number** box, select the check box to confirm that it is the correct number, and then click the **Continue** button (see Figure 4).

![Figure 4 – Enter Your Phone Number Screen](image)

3. On the **Choose Your Platform** screen, do one of the following:
   - If you are registering a smartphone, select your smartphone’s operating system (**iPhone**, **Android**, **BlackBerry**, **Windows Phone**), and then click the **Continue** button (see Figure 5).
   - If you are registering a basic mobile phone, select the **Other** option button, and then click the **Continue** button (see Figure 6). Skip to step 6.

![Figure 5 – Choose Your Platform Screen with iPhone Selected](image)  
![Figure 6 – Choose Your Platform Screen with Other Selected](image)
4. On the Install Duo Mobile screen, follow the platform-specific instructions to install the Duo Mobile app on your smartphone (see Figure 7). After installing the app, return to the Install Duo Mobile screen, and then click the I have Duo Mobile button.

![Figure 7 – Install Duo Mobile Screen](image)

5. On the Activate Duo Mobile screen, follow the platform-specific instructions to activate the Duo Mobile app on your smartphone (see Figure 8). After an account named California State University, Los Angeles appears in your Duo Mobile app (see Figure 9), return to the Activate Duo Mobile screen, and then click the Continue button.

![Figure 8 – Activate Duo Mobile Screen](image)

![Figure 9 – Duo Mobile App with the Cal State LA Account](image)

6. Your phone is added to the device list on the My Settings & Devices screen and is now ready to approve authentication requests (see Figure 10 and Figure 11). Click the Continue to Login button, and then follow the steps in the Authenticating with Your Device section of this handout to authenticate.
NOTE: To register another device, follow the steps in the Registering Additional Devices section of this handout.

Figure 10 – My Settings & Devices Screen with Smartphone Added

Figure 11 – My Settings & Devices Screen with Basic Mobile Phone Added

Tablet

You can use a tablet as your authentication device. To do so, you need to install the Duo Mobile app which lets you authenticate with a push notification or a passcode. The app can generate passcodes even when your tablet is offline.

To register a tablet:

1. On the Choose Your Device screen, select the Tablet option button, and then click the Continue button (see Figure 12).

Figure 12 – Choose Your Device Screen with Tablet Selected
2. On the **Choose Your Platform** screen, select your tablet’s operating system, and then click the **Continue** button (see Figure 13).

![Figure 13 – Choose Your Platform Screen with iOS Selected](image)

3. On the **Install Duo Mobile** screen, follow the platform-specific instructions to install the **Duo Mobile** app on your tablet (see Figure 14). After installing the app, return to the **Install Duo Mobile** screen, and then click the **I have Duo Mobile** button.

![Figure 14 – Install Duo Mobile Screen](image)

4. On the **Activate Duo Mobile** screen, follow the platform-specific instructions to activate the **Duo Mobile** app on your tablet (see Figure 15). After an account named **California State University, Los Angeles** appears in your **Duo Mobile** app, return to the **Activate Duo Mobile** screen, and then click the **Continue** button.
5. Your tablet is added to the device list on the **My Settings & Devices** screen and is now ready to approve authentication requests (see Figure 16). Click the **Continue to Login** button, and then follow the steps in the **Authenticating with Your Device** section of this handout to authenticate.

**NOTE**: To register another device, follow the steps in the **Registering Additional Devices** section of this handout.

**Landline**

You can use a landline, such as your office phone or home phone, as your authentication device. When authenticating with a landline, you receive an automated phone call that requires you to press any key on your phone to authenticate.
To register a landline:

1. On the Choose Your Device screen, select the Landline option button, and then click the Continue button (see Figure 17).

![Figure 17 – Choose Your Device Screen with Landline Selected](image)

2. On the Enter Your Phone Number screen, select United States from the Country drop-down list, type your phone number in the Phone Number box, type your extension (if applicable) in the Extension box, select the check box to confirm that it is the correct number, and then click the Continue button (see Figure 18).

![Figure 18 – Enter Your Phone Number Screen](image)

3. Your landline is added to the device list on the My Settings & Devices screen and is now ready to approve authentication requests (see Figure 19). Click the Continue to Login button, and then follow the steps in the Authenticating with Your Device section of this handout to authenticate.

**NOTE:** To register another device, follow the steps in the Registering Additional Devices section of this handout.
Authenticating with Your Device

Each time you log in to a system that requires 2-Step Verification, the **Authentication** screen appears and prompts you to verify your identity using one of the available methods (see Figure 20 and Table 2). If you have more than one device registered in 2-Step Verification, the Authentication screen includes a **Device** drop-down list which lets you choose the device you want to use before choosing an authentication method (see Figure 21).
Table 2 – Authentication Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Send Me a Push (preferred method)</td>
<td>This method is available for smartphones and tablets, and requires you to first install and activate the Duo Mobile app on your device. A push notification is sent to your device and you just tap Approve to authenticate.</td>
</tr>
<tr>
<td>Call Me</td>
<td>This method is available for all mobile phones and landlines. You receive an automated phone call that requires you to press or tap any key on your phone to authenticate.</td>
</tr>
<tr>
<td>Enter a Passcode</td>
<td>This method is available for mobile phones and tablets. You authenticate using a passcode generated by the Duo Mobile app or sent via text message.</td>
</tr>
</tbody>
</table>

**Push Notification**

If you are authenticating with a smartphone or tablet, **Send Me a Push** is the recommended method because it is the easiest and quickest way to authenticate. A push notification is sent to your device and you just tap Approve to authenticate.

**To authenticate with a push notification:**

1. On the Authentication screen, do the following (see Figure 22):
   - If you have more than one device registered in 2-Step Verification, select the device that you want to use from the Device drop-down list.
   - Click the **Send Me a Push** button. A login request is pushed to your device.
   
   **NOTE:** The status bar located at the bottom of the Authentication screen updates at each step of the process.

   ![Figure 22 – Send Me a Push Button on the Authentication Screen](image)

2. Open the Duo Mobile app on your smartphone or tablet, and then tap the Request Waiting message at the top of the screen (see Figure 23).
3. Review the request, and then tap Approve to authenticate (see Figure 24).
NOTE: If you receive a login request that you were not expecting, tap Deny to reject the request. You will be given the opportunity to report it as fraudulent, or you can tap It was a mistake to deny the request without reporting it.

NOTE: You can also respond to login requests from the iOS lock screen or banner notification starting with Duo Mobile version 3.8. When your screen is locked, swipe left on the Duo Mobile lock screen notification, and then approve or deny the request (see Figure 25). When your screen is unlocked, swipe down on the Duo Mobile banner notification, and then approve or deny the request (see Figure 26).
Passcode

If you select **Enter a Passcode** as your authentication method, you can authenticate using a passcode generated by the Duo Mobile app or sent via text message. Each passcode can be used only once.

**To authenticate with a passcode:**

1. On the **Authentication** screen, do the following (see Figure 27):
   - If you have more than one device registered in 2-Step Verification, select the device that you want to use from the **Device** drop-down list.
   - Click the **Enter a Passcode** button. The **Passcode** box appears (see Figure 28).
     
     **NOTE:** The status bar located at the bottom of the **Authentication** screen updates at each step of the process.

2. Do one of the following:
   - To use a **Duo Mobile** passcode, open the **Duo Mobile** app on your smartphone or tablet, and then tap the key icon to generate a new passcode (see Figure 29).
   - To use a text message passcode, click the **Text me new codes** button at the bottom of the **Authentication** screen to get a list of passcodes texted to your mobile phone.

3. On the **Authentication** screen, enter the passcode supplied by the **Duo Mobile** app or sent via text message in the **Passcode** box, and the click the **Log In** button (see Figure 28).
Phone Call

2-Step Verification works with all mobile phones and landlines by supporting authentication via phone call. If you select Call Me as your authentication method, you receive an automated phone call that requires you to press or tap any key on your phone to authenticate.

To authenticate with a phone call:
1. On the Authentication screen, do the following (see Figure 30):
   - If you have more than one device registered in 2-Step Verification, select the device that you want to use from the Device drop-down list.
   - Click the Call Me button. A call is placed to the selected phone.

   NOTE: The status bar located at the bottom of the Authentication screen updates at each step of the process.

2. Answer the phone, listen to the instructions, and then press or tap any key on the phone to authenticate.

Managing Your Devices

You can easily delete a device that you registered in 2-Step Verification. You can also register additional devices as needed.
To manage your devices:

1. Log in to the [MyCalStateLA Portal](#) with your MyCalStateLA ID account, and then click the **Settings** button in the upper-right corner of the **Authentication** screen (see Figure 31).
2. On the **Settings** menu, click the **My Settings & Devices** link (see Figure 32).
3. On the **My Settings and Devices Authentication** screen, select the desired authentication device and method, and then approve the authentication request using your device (see Figure 33). The **My Settings & Devices** screen appears (see Figure 34).
Registering Additional Devices

It is recommended to register at least two devices in 2-Step Verification as a backup in case the device you normally use to authenticate is lost or unavailable.

**To register additional devices:**
1. On the **My Settings & Devices** screen, click the **Add another device** link located below the device list (see Figure 35).
2. On the **Choose Your Device** screen, select the desired option, and then follow the onscreen prompts to register your new device (see Figure 36).

![Figure 35 – Add Another Device Link on the My Settings & Devices Screen](image1)

![Figure 36 – Choose Your Device Screen](image2)

Deleting Devices

If needed, you can delete a device that you registered in 2-Step Verification.

**NOTE:** If you only have one device registered in 2-Step Verification, you cannot delete it. If you want to delete your last device, first add another device, and then delete the original.

**To delete a device:**
1. On the **My Settings & Devices** screen, click the **Device Options** button next to the device that you want to delete, and then click the **Delete Device** button on the menu that appears (see Figure 37).
2. The **Delete Device** dialog box opens asking you to confirm. Click the **Remove** button (see Figure 38).
3. A message appears at the bottom of the **My Settings & Devices** screen indicating that the device was successfully deleted. Click the **Dismiss** button (see Figure 39).

**Getting Help**

If you need assistance enrolling in 2-Step Verification or managing your devices, please contact the ITS Help Desk at 323-343-6170 or helpdesk@calstatela.edu.