Setting Up and Using Duo



Overview

If you want to access secure Jefferson applications remotely, such as when working from home, you need to use Duo to log in. Duo uses authentication from your mobile phone to provide a secure connection.

This page provides instructions on how to set up your Duo account as well as how to complete authentication with Duo.

For most users, you should download the Duo Mobile app on your phone and set it up for push notifications. This means that when you attempt to remotely access a Jefferson resource, you will get an alert on your phone and you simply click a button on the app to authenticate your login. However, if your phone is not compatible with the Duo Mobile app (such as if you have an older phone or a nonsmart phone), then you can authenticate using a passcode that is delivered to your phone by text message or by receiving a voice call.

Keep in mind that Jefferson keeps a mobile phone number on file for you (in MyHR/Peoplesoft if you are an employee; in BannerWeb if you are a student). Your mobile phone number that is on file with Jefferson is periodically synchronized with Duo, so you should make sure to keep your mobile phone number up to date in Jefferson's system.

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Getting Started

Updating Your Mobile Phone Number on File with Jefferson

For all users, regardless of whether you plan to use the Duo Mobile app or you plan to authenticate through a voice call or text, your current mobile phone number needs to be on file with Jefferson. Your mobile number is periodically synchronized from Jefferson's system to Duo, so it is important that Jefferson's record is accurate. Furthermore, when your phone number is in Jefferson's system, it is easier to resume using Duo if you get a new phone.

You should update your mobile phone number in Jefferson's system when setting up your Duo account for the first time as well as if you ever change your mobile phone number.



For many Jefferson employees, your mobile number may already be on record; it may have been entered when you were hired or you may have already entered it in the past. However, you can easily check to verify if your correct mobile number is on file, and update it as needed.

New Duo Users: Do I Update My Mobile Phone Number Before or After I Set Up Duo?

If possible, you should update your mobile phone number that Jefferson has on file *before* you proceed to set up and use Duo. This can easily be done when you are onsite at a Jefferson facility (connected to a Jefferson network).

However, when setting up your Duo account <u>for the first time</u>, you may need to update your mobile phone number <u>after</u> you set up Duo. For example, if you are currently located at home, it may be necessary to set up Duo first, as you need to authenticate with Duo in order to access MyHR/Peoplesoft to update your phone number. In that scenario, please remember to promptly update your mobile phone number after you set up Duo, as it is important to have a matching phone record between Jefferson's system and Duo.

How to Update Your Mobile Phone Number on File with Jefferson

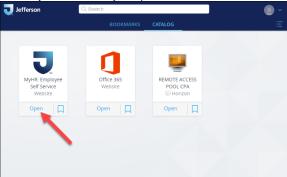
If you are a Jefferson employee, your mobile phone number is entered in MyHR/Peoplesoft.

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Completing this procedure while at home (or somewhere you are not using a Jefferson network) is possible only if you can authenticate through Duo. If you are unable to complete the procedure below, you can instead call the Solution Center at (215) 503-7975 to get assistance updating your phone number.

If you are currently located home (or somewhere you are not using a Jefferson network), and you are attempting to set up your Duo Mobile account <u>for the first time</u>, you can skip ahead to Setting Up and Using the Duo Mobile App and proceed to set up Duo. Once you are finished setting up Duo, return to this section and follow the steps below to update your mobile phone number in Jefferson's records. With your Duo account is set up, you will be able to authenticate in order to access MyHR/Peoplesoft and complete the steps below.

- 1. Go to https://login.jefferson.edu and enter your campus key and password.
- 2. If prompted, complete Duo authentication using your mobile phone.
- 3. Select **Open** below the MyHR option.

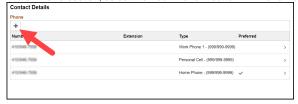


4. Select Personal Details, then select Contact Details.

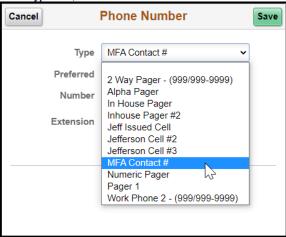


If you find that your correct mobile phone number is already registered as your **M FA Contact #,** you can simply close MyHR.

5. In the **Phone** section, select the Add Phone + button. A Phone Number window opens.



6. In the Type field, select MFA Contact #.



- 7. In the Number field, enter your mobile number without any parentheses or dashes.
- 8. Select Save.

If you are a Jefferson student, your mobile phone number is entered in BannerWeb.

1. Go to https://banner.jefferson.edu select BannerWeb Login, and log in.

2. On the Main Menu page, select Personal Information.



3. On the Personal Information page, select **Update Addresses and Phones**.



4. The Update Addresses and Phones page opens.







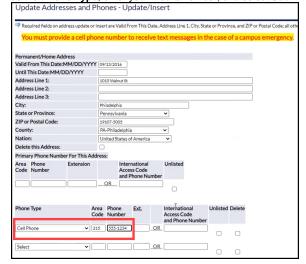
If you have both a **Local Address** and **Permanent/Home Address** listed, it's important to note that the cell phone number listed for the **Local Address** will be applied for multifactor authentication.

So, if you have a **Local Address Cell Phone** number on file, you should make sure that it is accurate and it is for the phone you want to use for multifactor authentication.

If you do not have a **Local Address Cell Phone** number on file, but you have a **Permanent/Home Address Cell Phone** number, then the **Permanent/Home Address Cell Phone** number will be used for multifactor authentication and you should make sure it is accurate.

If you want to edit an existing Cell Phone number that is already saved, select Cell Phone next to the appropriate phone number and edit the number as needed.

If you want to add a new Cell Phone number, select Current under the address you want to associate the number with. Under the secondary phone numbers, select Cell Phone as the Phone Type, enter your mobile number, and select Submit when finished.



Setting Up and Using the Duo Mobile App

If you have a smart phone that is compatible with the Duo mobile app (most smart phones are compatible), you should set up the Duo Mobile app with push notifications. Push notifications allow you to authenticate remote logins by simply clicking a button in the app, rather than getting a passcode by text message or by voice call.



All employees with a phone that is compatible with the Duo Mobile app should download the app and set up push notifications. Authenticating by using other methods can incur costs to Jefferson. Also, using push notifications is the fastest and easiest way to authenticate your logins.



Non-smart phones as well as some older smart phones are not compatible with the Duo Mobile app.

You can check if your smart phone is compatible with the Duo Mobile app by simply opening the App Store or Google Play and searching for Duo Mobile. If the app appears for download, it means that your phone is compatible. If the app does not appear for download, it means that your phone is not compatible.

If your phone is not compatible with the Duo Mobile app, you can disregard this section and instead refer to Authenticating Without the Duo Mobile App.

If you have a Jefferson-issued smart phone that is not compatible with the Duo Mobile app, you can authenticate without the Duo Mobile app for now, and then enter a request with the Solution Center for a newer phone.

Downloading the Duo Mobile App



If you already have the Duo Mobile app on your phone, you do not need to download it again and you can skip ahead to Setting Up Push Notifications. If you currently use Duo for any organizations other than Jefferson, you will be able to add your Jefferson account without affecting those existing accounts, as Duo Mobile can support multiple accounts.

If you have an iPhone or Android smart phone, you should download the Duo Mobile app so that you can authenticate remote logins through push notifications, which is the quickest and easiest method to authenticate. The Duo Mobile app is free.

1. Depending on your type of phone, open the App Store, Google Play, or Jefferson Apps (if you have a Jefferson-issued phone), search for **Duo Mobile**, and download the app.



Allowing Camera Access - It is recommended that you allow Duo to have camera access to make it easier to set up your Jefferson account with push notifications. The one-time setup process involves allowing the Duo app to use your camera to scan a QR code that will appear on your computer screen. However, if you do not allow Duo to have camera access when you download the app, you can easily change your phone settings to allow Duo to have camera access when it's time to scan the QR code.

If you do not allow Duo to have camera access when you first download the Duo app, it will not cause any major problem. When you go to set up your Jefferson account, the Duo app will tell you it needs to access your camera but it is not allowed. You can then go to your phone settings to allow camera access for Duo. Once you allow camera access, scan the QR code, and set up your Jefferson account, you can go back to your phone settings and once again disallow camera access for Duo.

Furthermore, when asking you to scan a QR code during the setup process, Duo presents another option: **Email me an activation link instead**. You can use that option to entirely bypass the need to use your camera; instead of scanning a QR code, you will receive an email containing an activation link. Be aware that you must open the activation email from your mobile device that has the Duo app installed.

After you download the app, you are typically prompted to set up a connection by scanning a barcode or QR code.

If you are are ready to remotely log in to a Jefferson application, you can leave the Duo Mobile app open and follow the steps in the next section to set up push notifications.

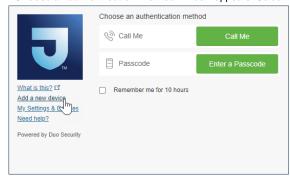
If you are not ready to remotely log in to a Jefferson application, you can simply close the app. When you are ready to remotely log in, follow the steps in the next section to set up push notifications.

Setting Up Push Notifications

After you download the Duo Mobile app on your phone, you should set up push notifications as your authentication method. When you set up push notifications, you will get an alert on your phone whenever you try to remotely log in to a Jefferson application. Then, you simply click a button on the app to authenticate. Using push notifications is the fastest and easiest way to authenticate your logins. You should use push notifications whenever possible, as the other authentication methods can incur costs to Jefferson.

You cannot be connected to a Jefferson network to complete this process. You should complete this process while away from a Jefferson facility, such as at your home or anywhere else that you have an internet connection.

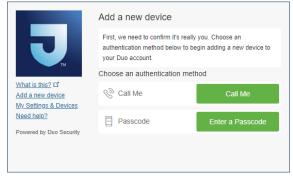
- From your computer (or a device that is not your mobile phone where the Duo app is installed), go to https://login.jefferson.edu and log in with your campus key and password.
- 2. A Choose an authentication method window appears. Select Add a new device.



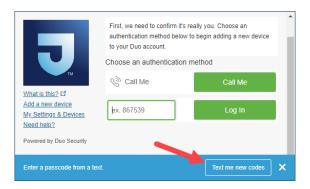


 On the Add a new device window, you need to authenticate your Duo account through either a voice call or a passcode delivered by text message.
If you want to receive a voice call, select Call Me. You need to answer the phone call and press any key to authenticate.

If you want to receive a passcode by text message, select Enter a passcode.



If you selected **Enter a passcode**, you need to select **Text me new codes**. Then, enter the code you received by text, and select **Log In**.



4. On the What type of device are you adding? window, select the type of device that you downloaded the Duo Mobile app on to. Most users should select Mobile phone. When finished, select Continue.



5. On the **Enter your phone number** window, enter your mobile phone number, check the box, and select **Continue**.



On the What type of phone? window, select the type of phone that you have then select C ontinue.



7. On the Install Duo Mobile window, select I have Duo Mobile Installed.



8. On the Activate Duo Mobile window, a QR code appears.



OR

If you just downloaded the Duo Mobile app so that the app is already open with your camera activated, point your camera at the QR code.

If the Duo app is not already open, open the Duo Mobile app, select either the **+ button** or **Add Account**, and point your camera at the QR code.





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If you get a Camera Disabled message, you need to go to your phone's settings and allow the Duo Mobile app to access your phone's camera. If you do not want the Duo Mobile app to have access to your camera on an on-going basis, after your account is set up, you can simply go back to your phone's settings and disable Duo Mobile's access to your camera.



Instead of using your camera to scan the QR code, you can optionally select <code>Em ail me an activation link</code> instead. This option allows you avoid the using your camera and instead have an activation email sent to any email address that you specify. You will need to access the activation email using your phone (or the device you have the Duo Mobile app installed on), and click a link within the email. If you choose the <code>Email me an activation link</code> option, some of the screens that follow will be slightly different than the steps outlined below.

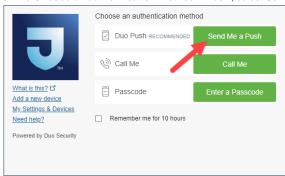
 On the Activate Duo Mobile window, once you have successfully scanned the QR code with your camera, a green checkmark automatically appears in the setup window. Select Continue.



 On the My Settings & Devices window, in the When I log in field select Automatically send this device a Duo Push, then select Save.



- 11. On the My Settings & Devices window, select Back to Login.
- 12. On the Choose an authentication method window, select Send Me a Push.



13. The authentication process starts and you will get a push notification on your phone. On the Duo app, select the green **Approve** button. Authentication is complete and the Jefferson application opens.

Authenticating with the Duo Mobile App

After you have completed the steps above to download the Duo Mobile app and set up automatic push notifications, authenticating is very easy. When you attempt to remotely log in to a secure Jefferson application, you will receive an alert on your phone. To authenticate, you simply need to open the app and select the green **Approve** button.



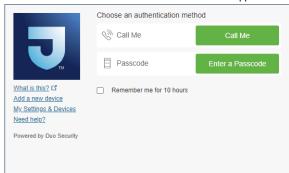
Authenticating Without the Duo Mobile App

If your phone is not compatible with the Duo Mobile app, such as if you have a non-smart phone or an older smart phone, you can follow the steps below to authenticate through either a voice call or by having a passcode delivered by text message.



You can check if your smart phone is compatible with the Duo Mobile app by simply opening the App Store or Google Play and searching for Duo Mobile. If the app appears for download, it means that your phone is compatible. If the app does not appear for download, it means that your phone is not compatible.

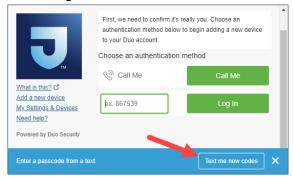
- 1. Remotely log in to the Jefferson application that you want to use. For example, you can go to https://login.jefferson.edu and enter your campus key and password.
- 2. A Duo Choose an authentication method window appears.



If you want to authenticate by receiving a voice call, select Call Me. You will receive a phone call on your mobile phone (at the phone number you registered). You need to

answer the call and press any key to complete authentication.

If you want to authenticate by receiving a passcode by text message, select Enter a Passcode. Then, select Text me new codes. Enter the code you receive by text message and select Log In.





Additional Information

Setting Up and Using Multiple Devices for Authentication

You can set up your Duo account with more than one authentication device. Then, each time you attempt a remote login, you can choose which device will receive the authentication prompt. For example, let's say that you already set up your mobile phone with the Duo Mobile app. In addition, you could set up a land line that authenticates through a voice call, a tablet that authenticates through a push notification on the Duo Mobile app, or a secondary mobile phone (such as a spouse's phone) that can authenticate through any method.



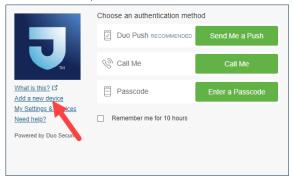
If you set up an additional mobile phone for Duo authentication, the phone number for that secondary phone does <u>not</u> need to be <u>on file</u> with Jefferson. Only your primary mobile phone number needs to be on file with Jefferson.



You need to be located at home (or somewhere you are not using a Jefferson network) to complete the procedure below.

1. Go to https://login.jefferson.edu and log in with your campus key and password.

2. On the Duo window, select Add a new device.



3. Follow the prompts to add your device.

After you successfully add a device, you will be able to choose which device will be used for authentication each time you attempt to remotely log in.



What If I Change My Phone or Phone Number?

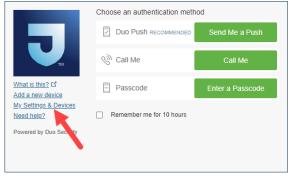
I Got a New Phone, but My Phone Number Didn't Change

If you got a new phone but your phone number did not change, you will still be able to authenticate your logins using the voice call or text message options. However, you need to follow the steps below to set up your new phone with the Duo Mobile app and push notifications.



You need to be located at home (or somewhere you are not using a Jefferson network) to complete the procedure below.

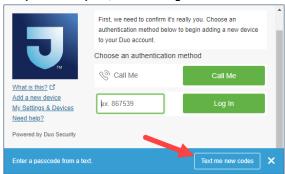
- 1. Download the Duo Mobile app on your new phone.
- 2. Go to https://login.jefferson.edu and log in with your campus key and password.
- 3. On the Choose an authentication method window, select My Settings & Devices.



4. On the My Settings & Devices window, you need to authenticate your account before you can proceed. Select Call Me or Enter a Passcode to authenticate by voice call or text message on your new phone.



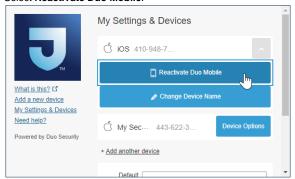
If you selected **Enter a passcode**, you need to select **Text me new codes**. Then, enter the code you receive by text, and select **Log In**.



Select the **Device Options** button that appears next to the phone number for which you replaced the phone.



6. Select Reactivate Duo Mobile.



7. On the What type of phone? window, specify the type of phone for your new phone.



8. On the Install Duo Mobile window, select I have Duo Mobile Installed.



9. On the Activate Duo Mobile window, a QR code appears.



OR

If you just downloaded the Duo Mobile app so that the app is already open on your phone with your camera activated, point your camera at the QR code.

If the Duo app is not already open on your phone, open the Duo Mobile app, select either the **+ button** or **Add Account**, and point your camera at the QR code.





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If you get a Camera Disabled message, you need to go to your phone's settings and allow the Duo Mobile app to access your phone's camera. If you do not want

the Duo Mobile app to have access to your camera on an on-going basis, after your account is set up, you can simply go back to your phone's settings and disable Duo Mobile's access to your camera.



Instead of using your camera to scan the QR code, you can optionally select **Em ail me an activation link** instead. This option allows you avoid the using your camera and instead have an activation email sent to any email address that you specify. You will need to access the activation email using your phone (or the device you have the Duo Mobile app installed on), and click a link within the email. If you choose the **Email me an activation link** option, some of the screens that follow will be slightly different than the steps outlined below.

 On the Activate Duo Mobile window, once you have successfully scanned the QR code with your camera, a green checkmark automatically appears in the setup window. Select Continue.



11. On the My Settings & Devices window, in the When I log in field select Automatically send this device a Duo Push, then select Save.



12. Select Back to Login.

I Got a New Phone Number



If you are anticipating getting a new phone with a new phone number, it can be helpful to set up an additional device for authentication before making the switch. By having an additional method to authenticate, you will have access to add your new phone yourself, without contacting the Solution Center for help. For example, you can set up authentication on a secondary mobile phone (such as a spouse's phone), a land line, or on a tablet that is compatible with the Duo Mobile app.

If you change your phone number, find the scenario below that applies to you and then refer to the corresponding solution.

Scenario	Solution
You got a new phone with a new phone	

number. and

You have a secondary device set up for Duo authentication.

- 1. Update your mobile phone number that is on file with Jefferson (if you are currently at home or not on a Jefferson network, use your secondary device to authenticate your login).
- 2. While you are at home or somewhere you are not using a Jefferson network, go to https://login.jefferson.edu and log in with your campus key and password.
- On the Duo Choose an authentication method window, select Ad d a new device.
- 4. Follow the prompts to add your new phone and set up push notifications.



As part of the Add a new device process, you will be prompted to authenticate your account; use your secondary device to complete authentication.

 You got a new phone with a new phone number.

and

- You do not have a sec ondary device set up for Duo authentication. and
- You are not currently onsite at a Jefferson facility, and you cannot get to a Jefferson facility any time soon.

and/or

You immediately need to access secure Jefferson resources from home. Call the Solution Center at (215) 503-7975. The Solution Center can help you set up your new phone with Duo immediately.

After you are set up with Duo, update your mobile phone number that is on file with Jefferson.

- You got a new phone with a new phone number. and
- You do not have an ad ditional device set up for authentication.

and

You are currently onsite at a Jefferson facility. or you can get to a Jefferson facility soon.

and

You do not immediately need to access secure Jefferson resources from home.

- 1. While onsite at a Jefferson facility (connected to a Jefferson network), update your mobile phone number that is on file with Jefferson. When using the Jefferson network, you can update your phone number without authenticating through Duo.
- Wait several hours, up to 24 hours, for your new phone number to transfer from MyHR/Peoplesoft to Duo.
- 3. While you are at home (or anywhere you are not using a Jefferson network), go to https://login.jefferson.edu and log in with your campus key and password.
- On the Duo Choose an authentication method window, select Ad d a new device.



As part of the Add a new device process, you will be prompted to authenticate your account. You need to select either Call Me or Enter a Passcode (for a text message) to complete authentication, as your new phone is not yet set up to receive push notifications.

If you do not receive the authentication voice call or text message at your new number, try again at a later time. It can take up to 24 hours for your new phone number to transfer from MyHR/Peoplesoft to Duo.

- 5. Follow the prompts to add your new phone and set up push notifications.
- You kept the same phone, but changed the phone number. and
- You already set up the Duo Mobile app with push notifications before changing your phone number.

You can continue to authenticate your logins with push notifications, as Duo Push is not tied to a phone number.

However, you should update your mobile phone number that is on file with Jefferson, which will allow you authenticate by voice call or text message.

Instructional Videos

Setting Up Duo When Your Mobile Phone Number is on File

The video below highlights the key steps involved to set up Duo when your mobile phone number is on file with Jefferson.

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Setting Up Duo When Your Mobile Phone Number is Not on File

The video below highlights the key steps involved to set up Duo when your mobile phone number is <u>not</u> on file with Jefferson.

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