Multi Factor Authentication — Duo Setup

Also known as MFA, two-factor authentication, TFA, Duo and two-step verification. Two factor sign-in authentication is **required** before installing VPN! Reference CUIT, found here: [https://cuit.columbia.edu/mfa](https://cuit.columbia.edu/mfa)

**About MFA**

Multifactor authentication (MFA) uses multiple proofs of identity to ensure you are authorized to access the service or resource that you are requesting. These proofs include more than one of:

- something you know (a secret piece of information, such as a password)
- something you have (a token, card or device)
- something you are (a biometric measurement or representation)

CUIT uses **Duo** as the MFA service to verify your identity for Columbia’s centralized applications. With Duo, you can use a mobile app, a text message or a phone call to authenticate. Duo can be combined with other authentication factors like username and password authentication to create multi factor authentication. Most people use Duo via the mobile app, **Duo Mobile**, which runs on a variety of smartphones and tablets.

**Duo MFA Setup**

Interested? Click here to **set up and test** Duo MFA if:

- You want to set it up now

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### Manage Your Enrollment

**DUO MFA SETUP:**

Click the SETUP button to set up and test Duo Multi-Factor Authentication.

| SETUP |

**SELECT APPLICATIONS FOR MFA:**

Your current MFA level is Required Web applications only.

- **Required web applications only.** Click here for applications list.
- **Required + optional web applications.** Click here for applications list.
- **All web applications.** Click here for applications list.

| UPDATE |
Duo MFA Installation and Training Videos

Watch these how-to videos to learn how to install and use Duo on your mobile device (iPhone and Android).

iPhone
- [Install Duo on your iPhone](#) (streaming version)
- [Install Duo on your iPhone](#) (downloadable mp4 version)

Android
- [Install Duo on your Android phone](#) (streaming version)
- [Install Duo on your Android phone](#) (downloadable mp4 version)

Access Columbia Systems Remotely

*In order to use VPN you MUST FIRST configure DUO/MFA*

GSAPP Faculty and Students can use studio applications on the Columbia Network remotely using VPN.

- **What is VPN?**
  - Virtual Private Network is a software that enables you to connect to the Columbia network remotely. It is the preferred and recommended software.
- **When do I use VPN for GSAPP?**
  - If you are remote and not connected to Columbia’s secure wired or secure wireless network and need to:
    - Access applications with licensing bound to the campus network
- **How do I enable VPN?**
  - **on your desktop/laptop computer (preferred)**
    - Visit and log in to [https://vpn.cc.columbia.edu](https://vpn.cc.columbia.edu) to download the desktop client, then follow our step-by-step VPN installation instructions.

For more detailed instructions and FAQs please visit CUIT’s [Remote Access Services Page](#).

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