

Two-Step: Methods of Verification

Last Modified on 07/22/2021 10:14 am EDT

There are many different ways to verify your identity using two-step verification - choose the one that's right for you! Your options may vary from service to service.

Faculty, Staff, and PhD Students

Contact your [IT Support Representative](#) for the best option to use with two-step verification.

Two-Step Methods: Key

Push Notifications - The best balance between security & convenience, just approve the push notification to sign-in!

Authenticator App - Use virtually any app available – this method generates a code every 30 seconds that you'll need to manually enter.

Physical Security Key - No need for a phone, just keep the FOB on your keychain for easy two-step verification on the go!

Voice or Text Message - The least secure form of two-step verification, receive a code via text or voice message. Make sure you have cell reception!

Two-Step Methods: Comparison

| | Push Notifications (Recommended) | Authenticator App | Physical Security Key: PennKey | Physical Security Key: Google | Voice or Text Message |
|---|-------------------------------------|--|-----------------------------------|--------------------------------------|--|
| Security Ranking (e.g. #1 - most secure) | #2 | #2 | #1 | #1 | #3 |
| Usable w/o network? | ✗ | ✓ | ✓ | ✓ | ✓ |
| Usable w/o cellular? | ✓ | ✓ | ✓ | ✓ | ✗ |
| Usable w/o a phone? | ✗ | ✗ | ✓ | ✓ | ✗ |
| How to use | Approve a notification | 1) Open an app 2) Copy & paste a code | Type in a 6-digit code | 1) Plug-in via USB 2) Tap the key | 1) Receive a text 2) Type in a code |
| Requirements | Duo Mobile | Authenticator app | N/A | \$40 purchase | N/A |

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|--|----------------|-------------------|--|--|
| | Google Prompt* | (i.e. Duo Mobile) | | |
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*See the *Before You Start* section about push notifications in our [Two-Step Verification \(Google Accounts\)](#) article.

Questions?

Students - [Wharton Computing Student Support](#)

Faculty - [Academic Distributed Representatives](#) (login required)

Staff - [Administrative Support](#)
