Using Two-Step without Wi-Fi

2019-06-10 - Taylor Kahny - Canvas

No Wi-Fi? No Problem

Poor signal strength is never ideal. Whether you are traveling in airplane mode, surrounded by skyscrapers, or in a basement with spotty connection, your environmental conditions can make academic and professional tasks difficult to complete. However, there are certain applications that can function in the absence of Wi-Fi or cellular service, and Duo mobile is one of them. When using Two-Step in your classes at Penn, remember that there are ways to complete the verification process when service is weak.

Using Two-Step Verification without Wi-Fi or Cellular Service

Two-Step allows you to securely access your data, even if your Two-Step verification device isn't connected to Wi-Fi or a cellular network. Use the provided instructions below to utilize two of several available options.

Option 1: The Duo app on your device can generate six-digit verification codes without a real-time Wi-Fi or cellular connection.
To generate a code, open the Duo app on your mobile device and tap to expand the "University of Pennsylvania" dropdown. A six-digit code will display, as shown below. Enter this code on the Two-Step page in your browser.
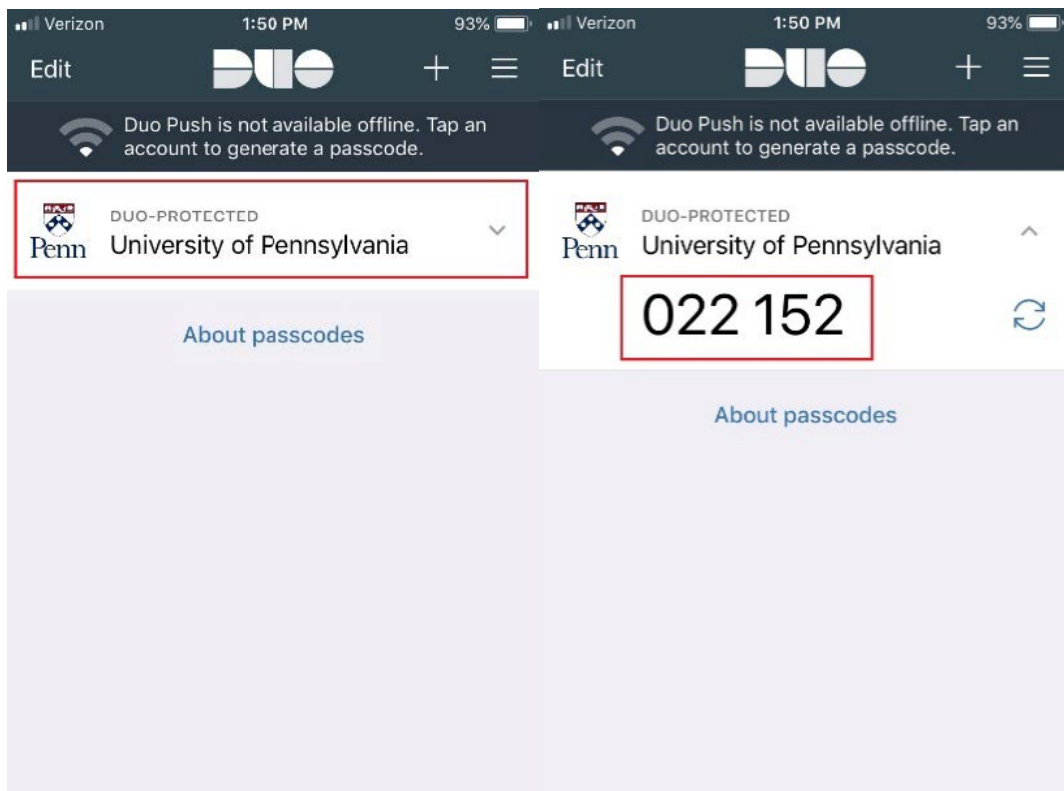
Option 2: Print a list of 20 pre-generated passcodes to use for Two-Step Verification.

If you do not have the Duo app on your mobile device, you can pre-generate and print codes from the Two-Step website at https://twostep.apps.upenn.edu/. After logging in to the website using PennKey, click Manage Settings as shown below.

You may be asked to confirm your PennKey password to access the Settings page. Next, scroll to the Devices section, and click Generate Codes. On the next page, click Print to print your list of codes for future use, as shown below.

Devices Test a code ❓

Duo Push	Yes, you are enrolled in Duo Push Unenroll from Duo Push Test Push
Duo Push phone	Type: Mobile, platform: Apple iOS, id: DPQ... Change phone
Default Push	Yes, pushing by default in Penn WebLogin Stop pushing by default
Default voice / text	No, you are using default Duo Push
Keychain fob	Add fob
TOTP / Google authn	Add TOTP app Change phone / secret
Browser trust	You have 26 trusted browsers
Printed codes	Current index is: 1 Generate codes

Penn WebLogin: Two-Step Verification   Log out

Generate codes

Note: If your activated device is not available or not working, use one of the single-use verification codes below to log in.

Print the codes and instructions now using your browser, and keep them safe.

You can use each code once, in sequence. It is recommended that you cross out the codes that you have already used. If you forget which code you used last, enter any **two** unused codes in sequence (separated by a space). If you lose your printed codes, or use them all, go to the "Manage settings" page and click the "Generate codes" button to create a new set. Any previously unused codes will be invalidated.

Currently valid codes:

```
21. 702753    31. 312897
22. 694995    32. 923658
23. 460967    33. 479949
24. 227202    34. 313935
25. 918868    35. 505923
26. 200941    36. 407099
27. 436332    37. 360406
28. 201892    38. 280641
29. 083396    39. 492742
30. 016700    40. 316224
```

PRINT

To use your passcodes after printing:

1. Log in with your PennKey and password.

2. When prompted, enter a passcode in your browser.

3. Each code works one time and must be used in consecutive order (cross them out as you use them!)

If you lose your codes, you can log in to https://twostep.apps.upenn.edu/ again, click "Manage settings," and generate a new list. Note that you'll need access to your primary or back up Two-Step device to generate a new set of codes.

For more information, visit the Two-Step Verification FAQ page:
https://www.isc.upenn.edu/how-to/two-step-faq