

Setting Up Push Email for Gmail

A free PDF appendix for “iPhone: The Missing Manual, 9th Edition”

“Push” email, of course, means that new email messages show up on your iPhone *as they arrive*, around the clock. Your phone doesn’t have to check for mail.

Yahoo, iCloud, and Exchange accounts all offer push email automatically—but not Gmail.

Good news: Clever Internet citizens created a workaround that disguised a Gmail account as an Exchange account, so that your phone displays Gmail messages as they come in.

Bad news: In 2013, Google closed that loophole, so that the trick doesn’t work anymore.

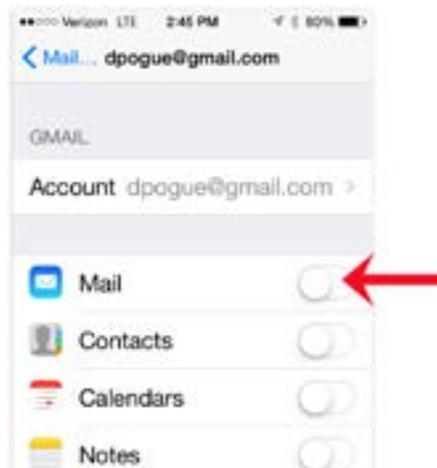
Good news: There are two ways to restore the feature.

Way 1: Download the free Gmail app for iPhone. It gives you real-time notifications for incoming messages—“push” mail.

Way 2: Follow these sneaky steps.

Start by making sure you’ve set up both your Gmail and iCloud accounts. If you don’t have an iCloud email account, set it up now; if you’re already using one, create *another* iCloud account just for this Gmail purpose.

Now then. Tap **Settings**→**Mail, Contacts, Calendars**. Tap the name of your Gmail account. On the account settings screen, turn **off Mail**, like this:



Tap the < at top left to return to the list of email accounts. This time, tap your iCloud account’s name. Tap the address at the top, where it says **Account** (next page, left).

On the next screen, tap the address (under **ADVANCED**; below, right).

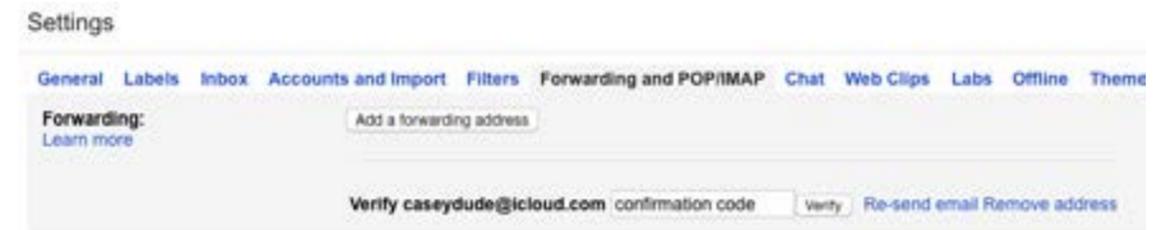
On the next screen, tap where it says **SMTP: iCloud SMTP Server**. Here, tap **On** (below, left) to open the iCloud SMTP Server screen, where you should turn Server **Off** (middle).



Back your way out, tapping **Done** along the way.

From now on, whenever you send an email message from that iCloud address, it will actually come from your Gmail account. (Do a test—you'll see!) The sent message even appears in your Gmail account's Sent folder. And if the other guy replies, the response comes to your Gmail account, too.

There's one last step. Go to gmail.com, log in, click ⚙️, click **Settings**, click **Forwarding and POP/IMAP**, click **Add a forwarding address**, enter your iCloud address (and confirm three times).



Gmail sends your iCloud address a confirmation note for security purposes.

Once you've confirmed this setup, Gmail will automatically send incoming Gmail messages to your iCloud account.

And that account alerts you of new mail as it arrives, in real time. "Push" Gmail!

Now tap the Gmail server's address (smtp.gmail.com); on its Server screen, turn Server **On**. Tap Done. In other words, you've just swapped the iCloud server for the Gmail one (below, right).

