

# Set up 2 step verification for your Google Account

With hacking becoming a very real issue lately and showing up in the news associated with public figures it is always a good idea to have double security setup for you accounts. Setting up a 2 step verification process for your google account is a good way to keep your information safe. In order to make this active on your iOS device you will also have to set up a separate password for each device you want to include in the 2 step verification. Follow the steps below to set up a 2 step verification for your google account and then set up a separate password for your devices.

## Step 1 - First start by going to your google account and logging in.

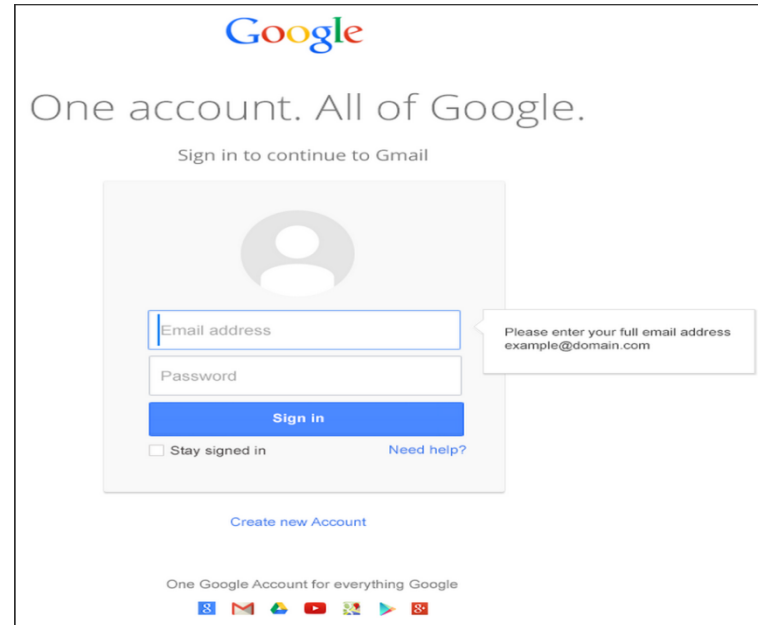


Image courtesy of: [Google](https://www.google.com)

## Step 2

Now on the 2 step verification settings page click on the Start Setup or Get Started button.

### About 2-Step Verification

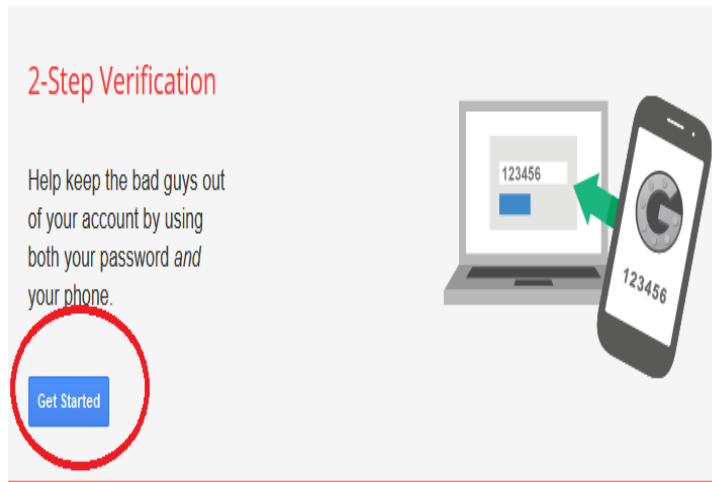


Image courtesy of: [John E Dunn](#)

## Step 3

Next enter the phone number you want to receive the verification code at and choose whether you want to receive it by text or a voice call. Now click the Send Code button.

Set up your phone

1 — 2 — 3 — 4

Which phone should we send codes to?

Google will send a numeric code to your phone whenever you sign in from an untrusted computer or device.

Phone number ex: (201) 555-5555

Google will only use this number for account security. Standard text messaging rates may apply.

How should we send you codes?

Text message (SMS)

Voice Call

Image courtesy of: [Carter Dotson](#)

## Step 4

Now enter the code you received on your phone on the next page and click the verify button.

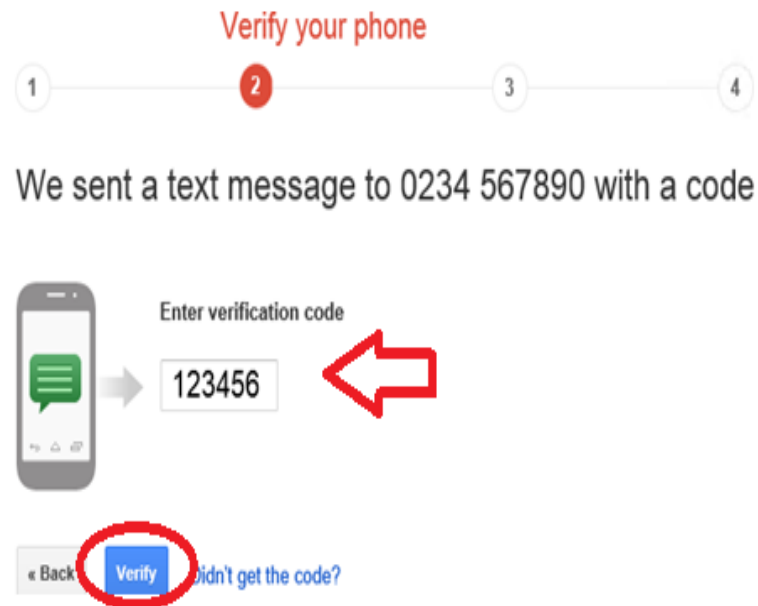


Image courtesy of: [MSOutlook](#)

## Step 5

Now choose whether you want to trust the computer you are using to setup the 2 step verification and click next.

Trust this computer?

1 — 2 — 3

### Verification codes on this computer

If you lose your phone, you might be able to access your account from a trusted computer without needing a code. We recommend that you make this a trusted computer only if you trust the people who have access to it.

Trust this computer  
You can always change which computers you trust in your Google Account settings.




Image courtesy of: [Aditi Patel](#)

## Step 6 - Read the information on the next page and click the Confirm button.

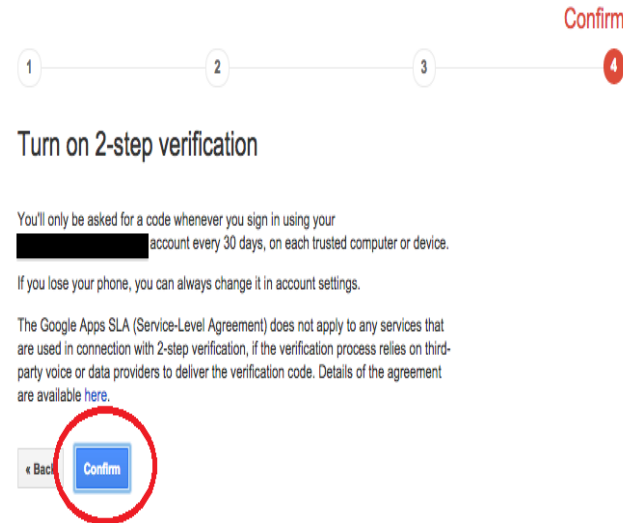


Image courtesy of: [MybusinessOS](#)

## Step 7

Now you have setup 2 step verification on Google. Google will log you out and take you back to the login page. To set up your iOS device to require the 2 step verification you will need to log back into your Google account.

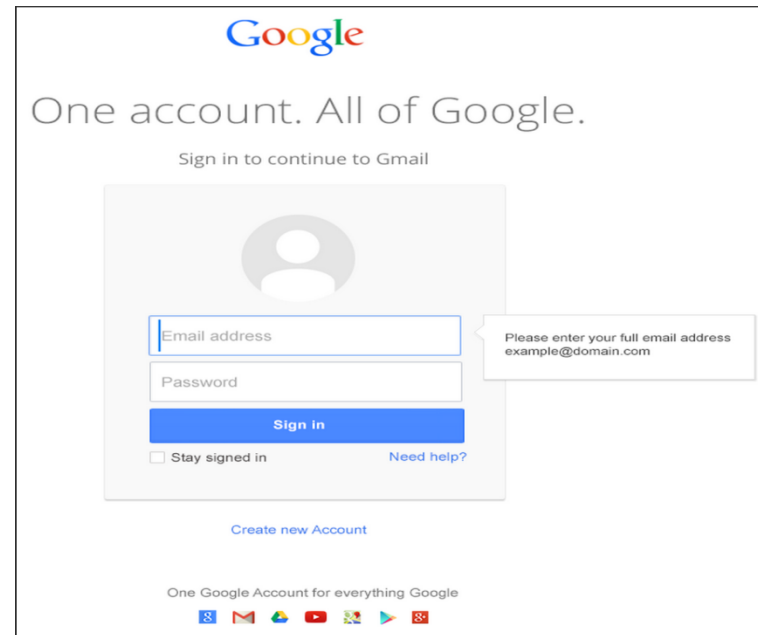


Image courtesy of: [Google](https://www.google.com)



## Step 8

Okay now that you have finished setting up 2 step verification in Google the iOS devices will require you to set up separate passwords for each device you want to have the 2 step verification on. After you have logged back into google it should take you to a page that lets you know it is activated. On this page you can set up a backup phone number, which is recommended if you have that ability. Next click on the Manage Application-Specific Passwords link on the lower right hand side of the page.

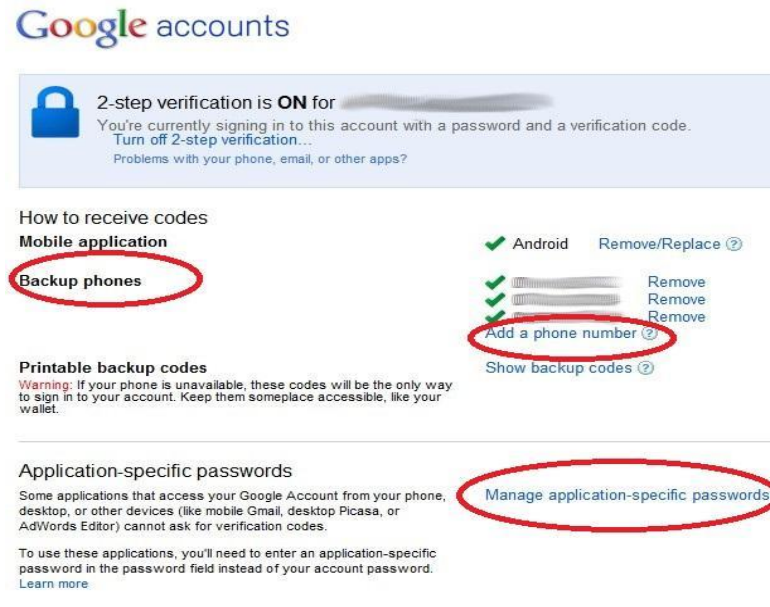
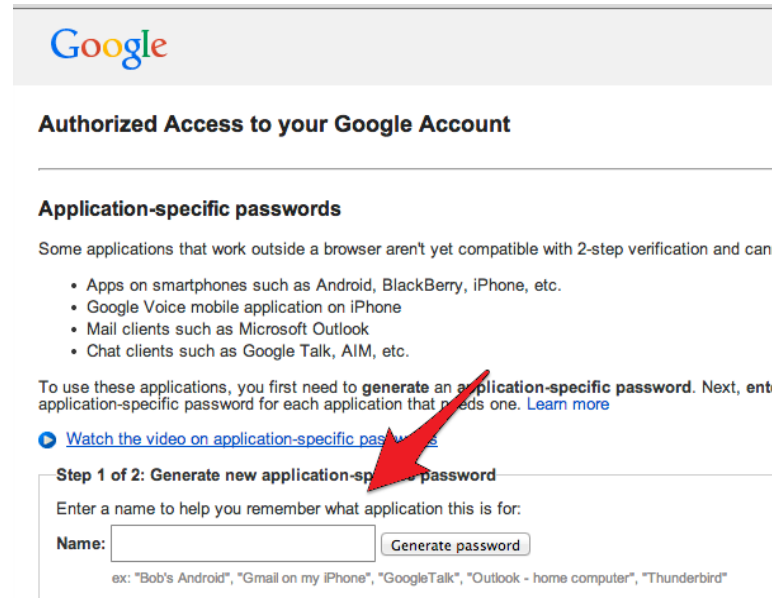


Image courtesy of: [Alex Dobie](#)

## Step 9

Next you will generate a password for each device you want to activate. Decide on a name that is very specific to the device you are setting up, IE: Michelle's iPhone or Brian's iPad, and once you are happy with the name click the Generate Password button.



Google

### Authorized Access to your Google Account

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#### Application-specific passwords

Some applications that work outside a browser aren't yet compatible with 2-step verification and can't use your account's password. To use these applications, you first need to generate an application-specific password. Next, enter an application-specific password for each application that needs one. [Learn more](#)

- Apps on smartphones such as Android, BlackBerry, iPhone, etc.
- Google Voice mobile application on iPhone
- Mail clients such as Microsoft Outlook
- Chat clients such as Google Talk, AIM, etc.

To use these applications, you first need to generate an application-specific password. Next, enter an application-specific password for each application that needs one. [Learn more](#)

[Watch the video on application-specific passwords](#)

#### Step 1 of 2: Generate new application-specific password

Enter a name to help you remember what application this is for:

Name:

ex: "Bob's Android", "Gmail on my iPhone", "GoogleTalk", "Outlook - home computer", "Thunderbird"

Image courtesy of: [Paula DuPont](#)

## Step 10

On the next page you will see that Google generates a password, immediately enter this password into the devices mail settings. When you are done with the password you can click Done. I will show you how to enter it into the mail settings in the steps below. Note you will have to repeat steps 9 and 10 for each device you want to activate.

### Application-specific passwords

Step 2 of 2: Enter the generated application-specific password

You may now enter your new application-specific password into your application.  
Note that this password grants complete access to your Google Account. For security reasons, it will not be displayed again:

██████████

No need to memorize this password.  
You should need to enter it only once. Spaces don't matter.

**Done**

Your application-specific passwords	Creation date	Last used date	
test	Jul 29, 2013	Unavailable	[ Revoke ]

Image courtesy of: [Carter Dotson](#)

**Step 11 - Now open the Settings menu on the device you are activating.**



Image courtesy of: [Knowledge Brain](#)

**Step 12 - Next click on Mail, Contacts, Calendars option in the Settings menu.**



Image courtesy of: [Appstoreapps](http://Appstoreapps.com)

## Step 13

Finally under the Accounts section select your Gmail account and enter the new password. Remember not to enter spaces. Again remember to repeat these steps on all your iOS devices.



Image courtesy of: [Victor H.](#)

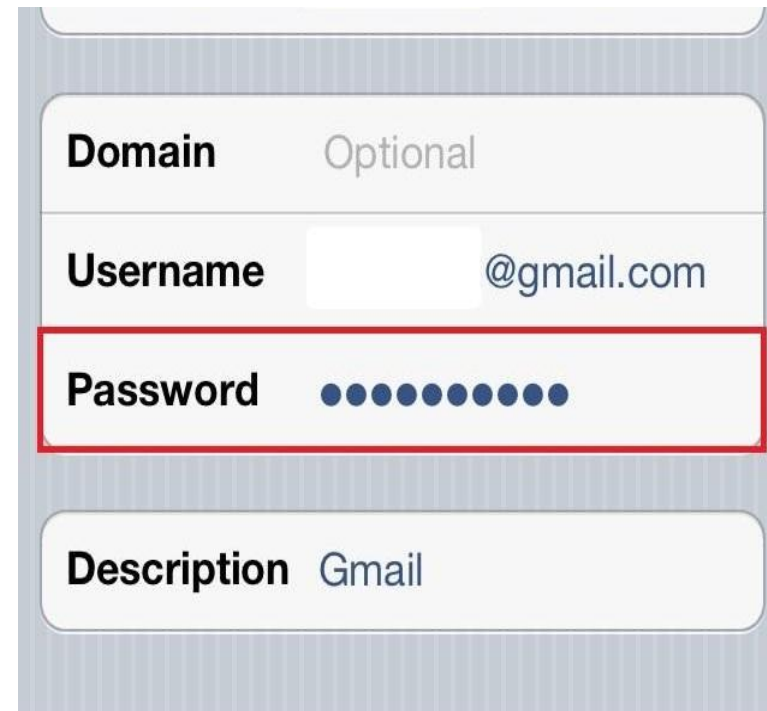


Image courtesy of: [Killian Bell](#)

## Step 14

That's it, you are all set up. It may take a little bit to set up on each device but once it is done you are a lot closer to having a safer account that is less likely to get hacked.



Image courtesy of: [Bilal Sarwari](#)

# Additional Resources

For more information click the links below:

1. <http://www.google.com/goodtoknow/online-safety/mail-accounts/>
2. <http://www.internetsafetyprotocol.com/iphone-security-flaw-facebook-gmail-and-more-vulnerable-to-flaw/>
3. <https://www.youtube.com/watch?v=uQ22euWXYog>
4. <https://www.youtube.com/watch?v=V1aO3dl8vMY>



# References

1. <http://www.imore.com/how-to-gmail-2-step-verification-mail--iphone--ipad-mac>
2. <https://support.google.com/a/answer/4421331?hl=en>
3. <http://www.techworld.com/security/googles-2-step-verification-why-everybody-should-turn-this-on-now-3582143/>
4. <http://www.148apps.com/news/enable-2step-verification-google-account-create-applicationspecific-passwords-builtin-ios-apps/>
5. <http://www.msoutlook.info/question/902>
6. <http://www.technonutty.com/2014/07/google-2-step-verification.html>
7. <http://support.mybusinessos.com/article/turn-on-2-step-verification-google/>
8. <http://www.androidcentral.com/no-excuses-its-time-turn-two-step-authentication>
9. <http://computers.tutsplus.com/tutorials/techniques-to-share-apple-and-google-calendars--cms-20057>
10. <http://www.148apps.com/news/enable-2step-verification-google-account-create-applicationspecific-passwords-builtin-ios-apps/>
11. <http://www.knowledgebrain.com/mtplusHelp.html>
12. <http://www.appstoreapps.com/2008/08/17/iphone-tip-app-store-app-settings/>

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