

# Less Secure Apps: User Instructions and Developer Instructions

Google will be turning off access to less secure apps (LSA) - non-Google apps that can access your Google account with only a username and password (basic authentication) - starting June 15, 2024.

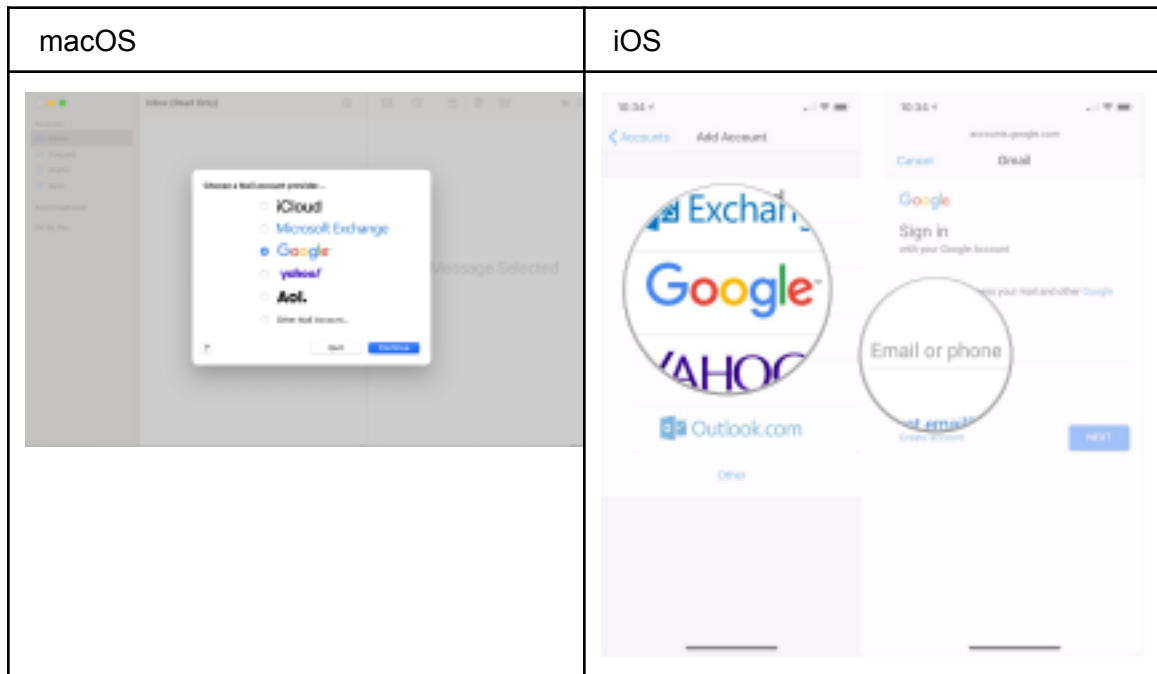
To continue using these types of apps with your Google Workspace accounts, users must [switch to a more secure type of access called OAuth](#).

## User instructions

If you are using an app that accesses your Google account with only a username and password, take one of the following actions to switch to a more secure method and continue to access your email, calendar, or contacts. If you do not take one of the following actions by **September 30, 2024**, you will begin receiving an error message that your username-password combination is incorrect and you will not be able to log in.

### Email Applications

- **Outlook 2016 or earlier** - Move to Microsoft 365 (formerly known as Office 365, a web-based version of Outlook) or Outlook for Windows or Mac, both of which support OAuth access. Alternatively you can use [Google Workspace Sync for Microsoft Outlook](#).
- **Thunderbird or another email client:** Re-add your Google Account and configure it to use IMAP with OAuth.
- **The mail app on iOS or macOS, or Outlook for Mac**, and use only a password to login: You'll need to remove and re-add your account. When you add it back, select "sign in with Google" to automatically use OAuth.



### Calendar Applications

- If you use an app that uses password based **CalDAV** to give access to your calendar, switch to a method that supports OAuth. We recommend the Google Calendar app [[Web/iOS/Android](#)] as the most secure app to use with your Google Workspace account.
- If your Google Workspace account is linked to the calendar app in **iOS or macOS** and uses only a password to login, you'll need to remove and re-add your account to your device. When you add it back, select "sign in with Google" to automatically use OAuth. [Read more](#)

### Contacts Applications

- If your Google Workspace account is syncing contacts to **iOS or macOS** via **CardDAV** and uses only a password to login, you'll need to remove your account. When you add it back, select "sign in with Google" to automatically use OAuth. [Read More](#)
- If your Google Workspace account is syncing contacts to any other platform or app via CardDAV and uses only a password to login, switch to a method that supports OAuth.

### All Other Applications

Note: If the app you are using does not support OAuth, you will need to [switch to an app that offers OAuth](#), or ask your admin to contact the supplier of your app and request that they add OAuth as a way of connecting your Google account, or create an [app password](#) to access these

apps.

## **Developer instructions**

To maintain compatibility with Google Workspace accounts, update your app to use [OAuth 2.0](#) as a connection method. To get started, follow our developer guide on [using OAuth 2.0 to access Google APIs](#). You can also refer to our guide on [OAuth 2.0 for mobile & desktop apps](#).