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Privacy Policy

YouTube respects your privacy. We recognize the potential of technology to help you communicate with us via our website and through e-mail and we would like to use this technology over time to develop a relationship with you. The privacy policy below details the measures taken by YOUTUBE, LLC ("YouTube") to protect your privacy in connection with your use of www.youtube.com and other sites owned by YouTube (collectively, "Site"). Please read the following to learn more about our privacy policy.

This privacy policy is incorporated into and is subject to the YouTube Terms of Use. If you do not agree to the terms of this privacy policy or the Terms of Use, please do not provide YouTube with any information and do not use the Site. Your continued use of the Site after the privacy policy has been modified will signify your acceptance of the changes for information gathered after the date of the change.

Overview

This policy statement discloses our privacy practices including the notification of:

- Personally identifiable information ("PII") collected through our Site;
- Intended usage of this PII;
- Choices available regarding opt-in/opt-out, data collection, use and distribution of the information;
- Security measures to protect the loss or misuse of information under YouTube's control;
- How to maintain the accuracy of your information.

The Details

In general, you may visit our Site and access information while not revealing any individual user information other than Technology Related Information (defined below). If you upload content to this Site, the content will be governed by the Terms of Use and any other terms or conditions on the upload pages. The types of individual user information collected in the registration process may include your name, contact information, other PII and other information volunteered by you.

YouTube collects PII when you register with YouTube, when you visit YouTube pages and when you deliver communications or content to the Site. YouTube may combine information about you that we have with information we obtain from business associates or otherwise. Without limitation, information collected, including PII, may be used by YouTube for internal research purposes, marketing, promotions and public relations, subject only to the terms of our privacy policy.

YouTube will not disclose, transfer, sell or otherwise communicate your PII to any third party, other than YouTube's parent, subsidiaries and affiliates, and each of (i) their employees or (ii) vendors and contractors operating under confidentiality agreements and subject to YouTube's privacy policy, unless you give YouTube permission to do so, except as set forth in this privacy policy. Notwithstanding the foregoing or anything to the contrary, YouTube may disclose any information you provide if required to do so by law or pursuant to a request by law enforcement or if we have a good faith belief that disclosure is necessary to (1) comply with the law or with the legal process; (2) protect and defend the rights or property of YouTube or third parties; or (3) act in an emergency to protect someone's safety or legal rights ("Mandatory Disclosures"). As we develop our business, we may buy or sell assets or change our name or form of entity, and, depending upon the transaction, your personal information may be one of the transferred assets; provided, however, we will not sell or transfer PII except subject to the terms of our privacy policy. For instance, in the event that YouTube is acquired by another company, your PII may be part of the assets transferred to the acquiring party. YouTube will notify you before PII about you becomes subject to a different privacy policy. The collected information may be provided in the aggregate to third parties, including potential business partners and advertisers, but this information is not linked to any PII before it is disclosed unless YouTube has obtained your consent.

To help administer our Site and provide a positive experience while visiting our Site, YouTube does collect technology-related information. "Technology-Related Information" may include, but is not limited to the following: source IP address, domain name, date and time visited and visited pages. A "cookie" is a small line of text that is stored with your Web browser for record-keeping purposes and to help us provide better service to you. Your browser has options to accept, reject or provide you with notice when a cookie is sent. We use cookies for many purposes such as to save your password so you don't have to re-enter it each time you visit our site. We also use cookies to deliver content (which may include third party advertisements) specific to your interests.

YouTube may set and access YouTube "cookies" on your computer. YouTube lets other companies that show advertisements on some of our pages set and access their cookies on your computer. Advertisers or other companies do not have access to YouTube's cookies. Other companies' use of their cookies is subject to their own privacy policies, not this one. YouTube has no control over the information collected from or about you by any third party after you have left the Site. By clicking on links to other websites, advertisers and other third parties, you are leaving the Site. Once you have left the Site, YouTube does not control the data collection and privacy practices, or other activities, of any third party linked to this Site and YouTube assumes no liability and is not responsible for any practices of such third party websites.

Data Security

YouTube endeavors to ensure the commercially reasonable protection of user's PII. We have implemented security measures to protect PII collected on our Site against loss, misuse or alteration. However, the Internet is an open system and technology and human operators are not infallible. Accordingly, we cannot and do not guarantee that the individual user information you have transmitted, including PII, will not be intercepted by others and/or decrypted or accidentally disclosed. We cannot ensure or warrant the security of any information transmitted to us over the Internet, and we accept no liability for any unintentional disclosure.

As a user of the Site, please understand that our privacy policy may change from time to time. If we decide to make any material changes, we will post these changes on the Site. If, at any point, we decide to use PII in a manner different than what was stated at the time it was collected, we will notify users of this change by email. Users will have a choice as to whether or not we use their information in this different manner. YouTube will use information in accordance with the privacy policy under which the information was collected unless you agree otherwise.

A Special Note about Children, Children's Privacy and Our Compliance with the Children's Online Privacy Protection Act

In compliance with the Children's Online Privacy Protection Act (COPPA), we are a general audience site and do not intend to collect any PII from children under 13 years of age, unless we believe such collection to be permitted by law. Our Site targets an audience that is over the age of 18 and some content may not be appropriate for all ages. Parental supervision is recommended.

Effective Date

Last Changed: April 24, 2005.

Privacy Policy

YouTube respects your privacy. The privacy policy below details the measures taken by YOUTUBE, LLC ("YouTube") to protect your privacy in connection with your use of www.youtube.com and other sites owned by YouTube (collectively, "Site"). Please read the following to learn more about our privacy policy.

This privacy policy is incorporated into and is subject to the YouTube Terms of Use. If you do not agree to the terms of this privacy policy or the Terms of Use, please do not provide YouTube with any information and do not use the Site. Your continued use of the Site after the privacy policy has been modified will signify your acceptance of the changes for information gathered after the date of the change.

Our Commitment To Privacy

Your privacy is important to us. To better protect your privacy we provide this notice explaining our online information practices and the choices you can make about the way your information is collected and used.

The Information We Collect:

This notice applies to all information collected or submitted on YouTube.com. We collect some personal information about the author of the videos in our site. This information is limited to your name, email and IP address at the time you send a media file to us. Other information such as your phone number and address is not collected.

If you decide to post a message in one of our forums or on the video comments section, again, the only information collected is your name, email (if provided) and IP address at the time of submission.

The Way We Use Information:

We do not share this information with outside parties. When you send us a video, the visitors to the site will be able to contact you using a contact form. However, your email address will not be revealed to them. If you don't want anyone to find out your email simply don't respond to these messages. If you do not wish to receive emails from our visitors let us know using the contact form. We will never send you spam or unsolicited emails.

Our Commitment To Data Security

To prevent unauthorized access, maintain data accuracy, and ensure the correct use of information, we have put in place appropriate physical, electronic, and managerial procedures to safeguard and secure the information we collect online.

Our Commitment To Children's Privacy:

Protecting the privacy of the very young is especially important. For that reason, we never collect or maintain information at our website from those we actually know are under 13, and no part of our website is structured to attract anyone under 13.

To protect your privacy and security, we will also take reasonable steps to verify your identity before granting access or making corrections.

How To Contact Us

Should you have other questions or concerns about these privacy policies, send us an email using the [contact form](#).

YouTube Privacy Notice

Updated as of July 21, 2008

The [Google Privacy Policy](#) describes how Google and its subsidiaries treat personal information when you use Google services, including information provided when you use YouTube. In addition, the following describes privacy practices specific to YouTube. To understand how we treat the information you give us as you use YouTube, you should read this policy and the Google Privacy Policy.

Personal Information

- **Non-Account Activity.** You can watch videos on YouTube without having a YouTube Account or a Google Account. You can also contact us about a particular video without having a YouTube Account or a Google Account.
- **Account-Related Activity.** Certain other activities on YouTube—like uploading videos, posting comments, flagging videos, or watching restricted videos—require you to have a YouTube Account or a Google Account. We ask for some personal information when you create a YouTube Account or a Google Account, including your email address and a password, which is used to protect your account from unauthorized access. A Google Account allows you to access many of our services that require registration.
- **Usage Information.** We may record information about your usage, such as when you use YouTube, the channels, groups, and favorites you subscribe to, the contacts you communicate with, the videos you watch, and the frequency and size of data transfers, as well as information you display or click on in YouTube (including UI elements, settings, and other information). If you are logged in, we may associate that information with your account. We may use clear GIFs (a.k.a. "Web Beacons") in HTML-based emails sent to our users to track which emails are opened by recipients.
- **Content Uploaded to Site.** Any personal information or video content that you voluntarily disclose online (on discussion boards, in messages and chat areas, within your playback or profile pages, etc.) becomes publicly available and can be collected and used by others.

Uses

- If you submit personally identifiable information to us through the YouTube Sites, we use your personal information to operate, maintain, and provide to you the general and personalized features and functionality of the YouTube Sites, and to process any flagging activity or correspondence you send to us.
- Your account name (not your email address) is displayed to other Users when you upload videos or send messages through the YouTube Sites and other Users can contact you through messages and comments. Any videos that you submit to the YouTube Sites may be redistributed through the internet and other media channels, and may be viewed by the general public. If you have enabled Active Sharing, other users may see that you, as identified by your account name (not your email address), are watching the same video.
- We do not use your email address or other personally identifiable information to send commercial or marketing messages without your consent or except as part of a specific program or feature for which you will have the ability to opt-in or opt-out. We may, however, use your email address without further consent for non-marketing or administrative purposes (such as notifying you of major YouTube Site changes or for customer service purposes).
- We use both your personally identifiable information and certain non-personally-identifiable information (such as anonymous user usage data, cookies, IP addresses, browser type, clickstream data, etc.) to improve the quality and design of the YouTube Sites and to create new features, promotions, functionality, and services by storing, tracking, analyzing, and processing user preferences and trends, as well as user activity and communications.
- We use cookies, clear gifs, and log file information to: (a) store information so that you will not have to re-enter it during your visit or the next time you visit the YouTube Sites; (b) provide custom, personalized content and information; (c) monitor the effectiveness of our marketing campaigns; (d) monitor aggregate metrics such as total number of visitors, pages viewed, etc.; and (e) track your entries, submissions, and status in promotions, sweepstakes, and contests. If you download the YouTube Uploader, your copy of the Uploader includes a unique application number. The unique application number and information about your installation of the Uploader (e.g. version number, language) will be sent to YouTube when the Uploader automatically checks for updates.

Information That is Publicly Available

- When you create an account on the site, some information about your account and your account activity will be provided to other Users of the site. This may include the date you opened your account, the date you last logged into your account, your age (if you choose to make it public), the country and the number of videos you have watched.
- Your account name (not your email address) is displayed to other Users when you engage in certain activity on the site, such as you upload videos or send messages through the YouTube Sites. Other Users can contact you through messages and comments.
- You may also choose to add personal information that will be visible to other Users on your channel page (which is the public facing page for your account on the site). This may include a profile picture, your name, gender, relationship status, or other details.
- If you choose to add certain features to your channel page, then these features and your activity associated with these features will be displayed to other Users and may be aggregated and shared with your confirmed friends or other Users. Such shared activity may include what videos you favorite, what videos you rated and what videos you have uploaded.
- Any videos that you submit to the YouTube Sites may be redistributed through the internet and other media channels, and may be viewed by the general public. If you have enabled Active Sharing, other users may see that you, as identified by your account name (not your email address), are watching the same video.

Your Choices

- You may, of course, decline to submit personally identifiable information through the YouTube Sites, in which case you can still view videos and explore the YouTube Sites, but YouTube may not be able to provide certain services to you. Some advanced YouTube features may, for authentication purposes, require you to sign up for other Google services like Google Checkout or AdSense. The privacy notices of those services govern the use of your personal information associated with them.
- You may update or correct your personal profile information and email preferences at any time by visiting your [account profile page](#).
- You may clear your viewing history at any time through the "Viewing History" feature.
- You may control the information that is available to other Users and your confirmed friends at any time by editing your account and the features that are included on your channel page.

Third-party Advertisers, Links to Other Sites

YouTube allows other companies, called third-party ad servers or ad networks, to serve advertisements within the YouTube Sites. These third-party ad servers or ad networks use technology to send, directly to your browser, the advertisements and links that appear on the YouTube Sites. They automatically receive your IP address when this happens. They may also use other technologies (such as cookies, JavaScript, or Web Beacons) to measure the effectiveness of their advertisements and to personalize the advertising content you see.

YouTube does not provide any personally identifiable information to these third-party ad servers or ad networks without your consent or except as part of a specific program or feature for which you will have the ability to opt-in or opt-out. However, please note that if an advertiser asks YouTube to show an advertisement to a certain audience (for example, men ages 18-34) or audience segment (for example, men ages 18-24 who have viewed certain channels of content) and you respond to that advertisement, the advertiser or ad-server may conclude that you fit the description of the audience they are trying to reach. The advertiser may also use information regarding your use of the YouTube Sites, such as the number of times you viewed an ad (but not any personally identifiable information), to determine which ads to deliver to you.

You should consult the respective privacy policies of these third-party ad servers or ad networks (see links below) for more information on their practices and for instructions on how to opt-out of certain practices. YouTube's privacy policy does not apply to, and we cannot control the activities of, such other advertisers or web sites. Any data obtained by third-party ad servers subsequently shared with YouTube is maintained and dealt with by YouTube in accordance with this privacy policy.

The current list of third-party ad servers or ad networks YouTube has a relationship with is available here: <https://www.google.fr/adsense/support/bin/answer.py?answer=94149>

More Information

Google adheres to the US Safe Harbor privacy principles. For more information about the Safe Harbor framework or our registration, see the [Department of Commerce's web site](#).

For questions concerning the product or your account, please check out the [Google Help](#) page.

For more information about our privacy practices, go to [Google's full privacy policy](#), or write to us at:

YouTube Privacy
901 Cherry Ave.
San Bruno, CA 94066
USA

YouTube Privacy Notice

Updated as of March 11, 2009 ([View archived version](#))

The [Google Privacy Policy](#) describes how Google and its subsidiaries treat personal information when you use Google services, including information provided when you use YouTube. In addition, the following describes privacy practices specific to YouTube.

Personal Information

- **Browsing YouTube** You can watch videos on YouTube without having a YouTube Account or a Google Account. You also can contact us through the YouTube Help Center or by emailing us directly without having to register for an account.
- **Your YouTube Account.** For some activities on YouTube, like uploading videos, posting comments, flagging videos, or watching restricted videos, you need a YouTube or Google Account. We ask for some personal information when you create an account, including your email address and a password, which is used to protect your account from unauthorized access. A Google Account, additionally, allows you to access other Google services that require registration.
- **Usage Information.** When you use YouTube, we may record information about your usage of the site, such as the channels, groups and favorites you subscribe to, which other users you communicate with, the videos you watch, the frequency and size of data transfers, and information you display about yourself as well as information you click on in YouTube (including UI elements, settings). If you are logged in, we may associate that information with your YouTube Account. In order to ensure the quality of our service to you, we may place a tag (also called a "web beacon") in HTML-based customer support emails or other communications with you in order to confirm delivery.
- **Content Uploaded to Site.** Any personal information or video content that you voluntarily disclose online (e.g., video comments, your profile page) may be collected and used by others. If you download the YouTube Uploader, your copy includes a unique application number. This number, and information about your installation of the Uploader (version number, language) will be sent to YouTube when the Uploader automatically checks for updates and will be used to update your version of the Uploader.

Uses

- If you submit personal information to YouTube, we may use that information to operate, maintain, and improve the features and functionality of YouTube, and to process any flagging activity or other communication you send to us.
- We do not use your email address or other personal information to send commercial or marketing messages without your consent. We may use your email address without further consent for non-marketing or administrative purposes (such as notifying you of major YouTube changes or for customer service purposes). You also can choose how often YouTube sends you email updates in your YouTube Account settings page.
- We use cookies, web beacons, and log file information to: (a) store information so that you will not have to re-enter it during your visit or the next time you visit YouTube; (b) provide custom, personalized content and information; (c) monitor the effectiveness of our marketing campaigns; (d) monitor aggregate metrics such as total number of visitors and pages viewed; and (e) track your entries, submissions, and status in promotions, sweepstakes, and contests.

Information That is Publicly Available

- When you create a YouTube Account, some information about your YouTube Account and your account activity will be provided to other users of YouTube. This may include the date you opened your YouTube Account, the date you last logged into your YouTube Account, your age (if you choose to make it public), the country and the number of videos you have watched.
- Your YouTube Account name, not your email address, is displayed to other users when you engage in certain activities on YouTube, such as when you upload videos or send messages through YouTube. Other users can contact you by leaving a message or comment on the site.
- Any videos that you submit to YouTube may be redistributed through the internet and other media channels, and may be viewed by other YouTube users or the general public.
- You may also choose to add personal information which may include your name, gender, profile picture or other details, that will be visible to other users on your YouTube Account channel page. If you choose to add certain features to your YouTube Account channel page, then these features and your activity associated with these features will be displayed to other users and may be aggregated and shared with your friends or other users. Such shared activity may include your favorite videos, videos you rated and videos that you have uploaded.

Your Choices

- If you have a YouTube Account, you may update or correct your personal profile information, email preferences and privacy settings at any time by visiting your [account profile page](#).
- You may control the information that is available to other users and your confirmed friends at any time by editing your YouTube Account and the features that are included on your channel page. If you have enabled Active Sharing, other users may see that you, as identified by your account name, not your email address, are watching the same video.
- You may, of course, decline to submit personal information through YouTube, in which case you can still view videos and explore YouTube, but YouTube may not be able to provide certain services to you. Some advanced YouTube features may use other Google services like Google Checkout or AdSense. The privacy notices of those services govern the use of your personal information associated with them.

Advertising on YouTube

- YouTube strives to provide you with relevant and useful advertising and we use the [DoubleClick cookie](#), as well as other third party ad serving systems, to do so. We may use a range of information including cookies, web beacons, IP addresses, usage data and other non-personal information about your computer or device (such as browser type and operating system) to provide you with relevant advertising. If you are logged into your YouTube Account, we may also show you advertising based on the information you have provided to us in your YouTube Account.
- We use the [DoubleClick cookie](#) on YouTube to help advertisers and publishers serve and manage ads on this site and other Google and AdSense partner websites. Advertisers may serve ads based on interests associated with non-personally identifiable online activity, such as videos viewed, frequency of uploading or activity on other AdSense partner sites. Advertisers may also serve ads to you based on previous activity on that advertiser's website. This non-personally identifiable information is held separately from your YouTube Account data, or other personally identifying information in our possession.
- You may view, edit and add to the categories used to provide you with interest-based advertising in the [Ads Preferences Manager](#) for the DoubleClick cookie. Your ads preferences will be respected across YouTube, AdSense partner sites and Google sites using the DoubleClick cookie to serve such ads. For more information about interest-based advertising and the Ads Preference Manager [see our FAQ](#).
- You also may choose to [opt out of the DoubleClick cookie](#) at any time. If you select the DoubleClick opt-out cookie, ads delivered to your browser by our ad-serving technology will not be served based on the DoubleClick cookie. Find more information [here](#) about opting out of the DoubleClick cookie.
- Other third-party ad serving companies may display ads on YouTube, provided they comply with our [ad serving requirements](#). YouTube does not provide any personal information to these third-party ad servers or ad networks without your consent. You should consult the respective privacy policies of these third-party ad servers or ad networks for more information on their practices and for instructions on how to opt-out of certain practices. YouTube's privacy policy does not apply to, and we cannot control the activities of, such other advertisers or web sites. Any data obtained by third-party ad servers subsequently shared with YouTube is maintained and dealt with by YouTube in accordance with this privacy policy.

More Information

Google adheres to the US Safe Harbor privacy principles. For more information about the Safe Harbor framework or our registration, see the [Department of Commerce's web site](#).

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For more information about our privacy practices, go to [Google's full privacy policy](#), or write to us at:

YouTube Privacy
901 Cherry Ave.
San Bruno, CA 94066
USA

YouTube Privacy Notice

Updated as of December 8, 2010

The [Google Privacy Policy](#) describes how Google and its subsidiaries treat personal information when you use Google services, including information provided when you use YouTube. In addition, the following describes privacy practices specific to YouTube.

Personal Information

Browsing YouTube You can watch videos on YouTube without having a YouTube Account or a Google Account. You also can contact us through the YouTube Help Center or by emailing us directly without having to register for an account.

Your YouTube Account. For some activities on YouTube, like uploading videos, posting comments, flagging videos, or watching restricted videos, you need a YouTube or Google Account. We ask for some personal information when you create an account, including your email address and a password, which is used to protect your account from unauthorized access. A Google Account, additionally, allows you to access other Google services that require registration.

Usage Information. When you use YouTube, we may record information about your usage of the site, such as the channels, groups and favorites you subscribe to, which other users you communicate with, the videos you watch, the frequency and size of data transfers, and information you display about yourself as well as information you click on in YouTube (including UI elements, settings). If you are logged in, we may associate that information with your YouTube Account. In order to ensure the quality of our service to you, we may place a tag (also called a "web beacon") in HTML-based customer support emails or other communications with you in order to confirm delivery.

Content Uploaded to Site. Any personal information or video content that you voluntarily disclose online (e.g., video comments, your profile page) may be collected and used by others. If you download the YouTube Uploader, your copy includes a unique application number. This number, and information about your installation of the Uploader (version number, language) will be sent to YouTube when the Uploader automatically checks for updates and will be used to update your version of the Uploader.

Uses

If you submit personal information to YouTube, we may use that information to operate, maintain, and improve the features and functionality of YouTube, and to process any flagging activity or other communication you send to us.

We do not use your email address or other personal information to send commercial or marketing messages without your consent. We may use your email address without further consent for non-marketing or administrative purposes (such as notifying you of major YouTube changes or for customer service purposes). You also can choose how often YouTube sends you email updates in your YouTube Account settings page.

We use cookies, web beacons, and log file information to: (a) store information so that you will not have to re-enter it during your visit or the next time you visit YouTube; (b) provide custom, personalized content and information; (c) monitor the effectiveness of our marketing campaigns; (d) monitor aggregate metrics such as total number of visitors and pages viewed; and (e) track your entries, submissions, and status in promotions, sweepstakes, and contests.

Information That is Publicly Available

When you create a YouTube Account, some information about your YouTube Account and your account activity will be provided to other users of YouTube. This may include the date you opened your YouTube Account, the date you last logged into your YouTube Account, your age (if you choose to make it public), the country and the number of videos you have watched.

Your YouTube Account name, not your email address, is displayed to other users when you engage in certain activities on YouTube, such as when you upload videos or send messages through YouTube. Other users can contact you by leaving a message or comment on the site.

Any videos that you submit to YouTube may be redistributed through the internet and other media channels, and may be viewed by other YouTube users or the general public.

You may also choose to add personal information which may include your name, gender, profile picture or other details, that will be visible to other users on your YouTube Account channel page. If you choose to add certain features to your YouTube Account channel page, then these features and your activity associated with these features will be displayed to other users and may be aggregated and shared with your friends or other users. Such shared activity may include your favorite videos, videos you rated and videos that you have uploaded.

Your Choices

If you have a YouTube Account, you may update or correct your personal profile information, email preferences and privacy settings at any time by visiting your [account profile page](#).

You may control the information that is available to other users and your confirmed friends at any time by editing your YouTube Account and the features that are included on your channel page. If you have enabled Active Sharing, other users may see that you, as identified by your account name, not your email address, are watching the same video.

You may, of course, decline to submit personal information through YouTube, in which case you can still view videos and explore YouTube, but YouTube may not be able to provide certain services to you. Some advanced YouTube features may use other Google services like Google Checkout or AdSense. The privacy notices of those services govern the use of your personal information associated with them.

Advertising on YouTube

YouTube strives to provide you with relevant and useful advertising and we use the [DoubleClick cookie](#), as well as other third party ad serving systems, to do so. We may use a range of information including cookies, web beacons, IP addresses, usage data and other non-personal information about your computer or device (such as browser type and operating system) to provide you with relevant advertising. While you are logged in or logged out of your YouTube Account, we may also show you advertising based on non-personally identifiable information you have provided to us in your YouTube Account.

We use the [DoubleClick cookie](#) on YouTube to help advertisers and publishers serve and manage ads on this site and other Google and AdSense partner websites. Advertisers may serve ads based on interests and demographic categories associated with non-personally identifiable online activity, such as videos viewed, frequency of uploading or activity on other AdSense partner sites. Advertisers may also serve ads to you based on previous activity on that advertiser's website or based on non-personally identifiable information from other companies. This non-personally identifiable information is held separately from your YouTube Account data, or other personally identifying information in our possession.

You may view, edit and add to the categories used to provide you with interest-based advertising in the [Ads Preferences Manager](#) for the DoubleClick cookie. Your ads preferences will be respected across YouTube, AdSense partner sites and Google sites using the DoubleClick cookie to serve such ads. For more information about interest-based advertising and the Ads Preference Manager [see our FAQ](#). To learn about the privacy policies of third parties that advertisers may use to display ads on YouTube, and to opt out, you can check out the [Network Advertising Initiative](#) opt-out page.

You also may choose to [opt out of the DoubleClick cookie](#) at any time. If you select the DoubleClick opt-out cookie, ads delivered to your browser by our ad-serving technology will not be served based on the DoubleClick cookie. Find more information [here](#) about opting out of the DoubleClick cookie.

Other third-party ad serving companies may display ads on YouTube, provided they comply with our [ad serving requirements](#). YouTube does not provide any personal information to these third-party ad servers or ad networks without your consent. You should consult the respective privacy policies of these third-party ad servers or ad networks for more information on their practices and for instructions on how to opt-out of certain practices. YouTube's privacy policy does not apply to, and we cannot control the activities of, such other advertisers or web sites. Any data obtained by third-party ad servers subsequently shared with YouTube is maintained and dealt with by YouTube in accordance with this privacy policy.

More Information

Google adheres to the US Safe Harbor privacy principles. For more information about the Safe Harbor framework or our registration, see the [Department of Commerce's web site](#).

For questions concerning the product or your account, please check out the [Google Help](#) page.

For more information about our privacy practices, go to [Google's full privacy policy](#), or write to us at:

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901 Cherry Ave.
San Bruno, CA 94066
USA

Privacy Policy

Last modified: July 27, 2012 ([view archived versions](#))

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you more relevant search results and ads, to help you connect with people or to make sharing with others quicker and easier. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [contact us](#).

Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which ads you'll find most useful or the people who matter most to you online.

We collect information in two ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or credit card. If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We may collect information about the services that you use and how you use them, like when you visit a website that uses our advertising services or you view and interact with our ads and content. This information includes:

- **Device information**

We may collect device-specific information (such as your hardware model, operating system version, unique device identifiers, and mobile network information including phone number). Google may associate your device identifiers or phone number with your Google Account.

- **Log information**

When you use our services or view content provided by Google, we may automatically collect and store certain information in [server logs](#). This may include:

- details of how you used our service, such as your search queries.
- telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.

- Internet protocol address.
- device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
- cookies that may uniquely identify your browser or your Google Account.

- **Location information**

When you use a location-enabled Google service, we may collect and process information about your actual location, like GPS signals sent by a mobile device. We may also use various technologies to determine location, such as sensor data from your device that may, for example, provide information on nearby Wi-Fi access points and cell towers.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as browser web storage (including HTML 5) and application data caches.

- **Cookies and anonymous identifiers**

We use various technologies to collect and store information when you visit a Google service, and this may include sending one or more cookies or anonymous identifiers to your device. We also use cookies and anonymous identifiers when you interact with services we offer to our partners, such as advertising services or Google features that may appear on other sites.

How we use information we collect

We use the information we collect from all of our services to provide, maintain, protect and improve them, to develop new ones, and to protect Google and our users. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

When you contact Google, we may keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like pixel tags, to improve your user experience and the overall quality of our services. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate a cookie or anonymous identifier with sensitive categories, such as those based on race, religion, sexual orientation or health.

We may combine personal information from one service with information, including personal information, from other Google services – for example to make it easier to share things with people

you know. We will not combine DoubleClick cookie information with personally identifiable information unless we have your opt-in consent.

We will ask for your consent before using information for a purpose other than those that are set out in this Privacy Policy.

Google processes personal information on our servers in many countries around the world. We may process your personal information on a server located outside the country where you live.

Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- Review and control certain types of information tied to your Google Account by using Google Dashboard.
- View and edit your ads preferences, such as which categories might interest you, using the Ads Preferences Manager. You can also opt out of certain Google advertising services here.
- Use our editor to see and adjust how your Google Profile appears to particular individuals.
- Control who you share information with.
- Take information out of many of our services.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services may not function properly if your cookies are disabled. For example, we may not remember your language preferences.

Information you share

Many of our services let you share information with others. Remember that when you share information publicly, it may be indexable by search engines, including Google. Our services provide you with different options on sharing and removing your content.

Accessing and updating your personal information

Whenever you use our services, we aim to provide you with access to your personal information. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes. When updating your personal information, we may ask you to verify your identity before we can act on your request.

We may reject requests that are unreasonably repetitive, require disproportionate technical effort (for example, developing a new system or fundamentally changing an existing practice), risk the privacy of others, or would be extremely impractical (for instance, requests concerning information residing on backup tapes).

Where we can provide information access and correction, we will do so for free, except where it would require a disproportionate effort. We aim to maintain our services in a manner that protects information from accidental or malicious destruction. Because of this, after you delete information from our services, we may not immediately delete residual copies from our active servers and may not remove information from our backup systems.

Information we share

We do not share personal information with companies, organizations and individuals outside of Google unless one of the following circumstances apply:

- **With your consent**

We will share personal information with companies, organizations or individuals outside of Google when we have your consent to do so. We require opt-in consent for the sharing of any sensitive personal information.

- **With domain administrators**

If your Google Account is managed for you by a domain administrator (for example, for Google Apps users) then your domain administrator and resellers who provide user support to your organization will have access to your Google Account information (including your email and other data). Your domain administrator may be able to:

- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, legal process or enforceable governmental request.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, legal process or enforceable governmental request.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

We may share aggregated, non-personally identifiable information publicly and with our partners – like publishers, advertisers or connected sites. For example, we may share information publicly to show trends about the general use of our services.

If Google is involved in a merger, acquisition or asset sale, we will continue to ensure the confidentiality of any personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

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- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.
- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.

- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.

Application

Our Privacy Policy applies to all of the services offered by Google Inc. and its affiliates, including services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

Enforcement

We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

Changes

Our Privacy Policy may change from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We will post any privacy policy changes on this page and, if the changes are significant, we will provide a more prominent notice (including, for certain services, email notification of privacy policy changes). We will also keep prior versions of this Privacy Policy in an archive for your review.

Specific product practices

The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

- Chrome and Chrome OS
- Books
- Wallet
- Fiber

Privacy Policy

Last modified: June 24, 2013 ([view archived versions](#))

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you more relevant search results and ads, to help you connect with people or to make sharing with others quicker and easier. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
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We may combine personal information from one service with information, including personal information, from other Google services – for example to make it easier to share things with people

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- View and edit your ads preferences, such as which categories might interest you, using Ads Settings. You can also opt out of certain Google advertising services here.
- Use our editor to see and adjust how your Google Profile appears to particular individuals.
- Control who you share information with.
- Take information out of many of our services.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services may not function properly if your cookies are disabled. For example, we may not remember your language preferences.

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- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
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- enforce applicable Terms of Service, including investigation of potential violations.
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- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.

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- Books
- Wallet
- Fiber

Privacy Policy

Last modified: December 20, 2013 ([view archived versions](#))

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you more relevant search results and ads, to help you connect with people or to make sharing with others quicker and easier. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

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- View and edit your preferences about the ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also opt out of certain Google advertising services here.
- Use our editor to see and adjust how your Google Profile appears to particular individuals.
- Control who you share information with.
- Take information out of many of our services.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services may not function properly if your cookies are disabled. For example, we may not remember your language preferences.

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Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

Enforcement

We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

Changes

Our Privacy Policy may change from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We will post any privacy policy changes on this page and, if the changes are significant, we will provide a more prominent notice (including, for certain services, email notification of privacy policy changes). We will also keep prior versions of this Privacy Policy in an archive for your review.

Specific product practices

The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

- Chrome and Chrome OS
- Books
- Wallet
- Fiber

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [consult this page](#).

Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which **ads you'll find most useful** or **the people who matter most to you online**.

We collect information in two ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#). If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We may [collect information](#) about the services that you use and how you use them, like when you visit a website that uses our advertising services or you [view and interact with our ads](#) and content. This information includes:

- **Device information**

We may collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

- **Log information**

When you use our services or view content provided by Google, we may automatically collect and store certain information in [server logs](#). This may include:

- details of how you used our service, such as your search queries.
- telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
- [Internet protocol address](#).
- device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral

URL.

- cookies that may uniquely identify your browser or your Google Account.

- **Location information**

When you use a location-enabled Google service, we **may collect and process information about your actual location**, like GPS signals sent by a mobile device. We may also use various technologies to determine location, such as sensor data from your device that may, for example, provide information on nearby Wi-Fi access points and cell towers.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as browser web storage (including HTML 5) and application data caches.

- **Cookies and anonymous identifiers**

We and our partners use various technologies to collect and store information when you visit a Google service, and this may include sending one or more cookies or anonymous identifiers to your device. We also use cookies and anonymous identifiers when you interact with services we offer to our partners, such as advertising services or Google features that may appear on other sites.

How we use information we collect

We use the information we collect from all of our services to provide, maintain, protect and improve them, to develop new ones, and to protect Google and our users. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

When you contact Google, we may keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like pixel tags, to improve your user experience and the overall quality of our services. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate a cookie or anonymous identifier with sensitive categories, such as those based on race, religion, sexual orientation or health.

We may combine personal information from one service with information, including personal information, from other Google services – for example to make it easier to share things with people you know. We will not combine DoubleClick cookie information with personally identifiable information unless we have your opt-in consent.

We will ask for your consent before using information for a purpose other than those that are set out in this Privacy Policy.

Google processes personal information on our servers in many countries around the world. We may process your personal information on a server located outside the country where you live.

Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- Review and control certain types of information tied to your Google Account by using Google Dashboard.
- View and edit your preferences about the ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also opt out of certain Google advertising services here.
- Use our editor to see and adjust how your Google Profile appears to particular individuals.
- Control who you share information with.
- Take information out of many of our services.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services may not function properly if your cookies are disabled. For example, we may not remember your language preferences.

Information you share

Many of our services let you share information with others. Remember that when you share information publicly, it may be indexable by search engines, including Google. Our services provide you with different options on sharing and removing your content.

Accessing and updating your personal information

Whenever you use our services, we aim to provide you with access to your personal information. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes. When updating your personal information, we may ask you to verify your identity before we can act on your request.

We may reject requests that are unreasonably repetitive, require disproportionate technical effort (for example, developing a new system or fundamentally changing an existing practice), risk the privacy of others, or would be extremely impractical (for instance, requests concerning information residing on backup systems).

Where we can provide information access and correction, we will do so for free, except where it would require a disproportionate effort. We aim to maintain our services in a manner that protects information from accidental or malicious destruction. Because of this, after you delete information from our services, we may not immediately delete residual copies from our active servers and may not remove information from our backup systems.

Information we share

We do not share personal information with companies, organizations and individuals outside of Google unless one of the following circumstances applies:

- **With your consent**

We will share personal information with companies, organizations or individuals outside of Google when we have your consent to do so. We require opt-in consent for the sharing of any sensitive personal information.

- **With domain administrators**

If your Google Account is managed for you by a domain administrator (for example, for Google Apps users) then your domain administrator and resellers who provide user support to your organization will have access to your Google Account information (including your email and other data). Your domain administrator may be able to:

- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, **legal process or enforceable governmental request**.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, legal process or enforceable governmental request.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

We may share aggregated, non-personally identifiable information publicly and with our partners – like publishers, advertisers or connected sites. For example, we may share information publicly **to show trends** about the general use of our services.

If Google is involved in a merger, acquisition or asset sale, we will continue to ensure the confidentiality of any personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

Information security

We work hard to protect Google and our users from unauthorized access to or unauthorized alteration, disclosure or destruction of information we hold. In particular:

- We encrypt many of our services using SSL.
- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.

- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.

When this Privacy Policy applies

Our Privacy Policy applies to all of the services offered by Google Inc. and its affiliates, including services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

Compliance and cooperation with regulatory authorities

We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

Changes

Our Privacy Policy may change from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We will post any privacy policy changes on this page and, if the changes are significant, we will provide a more prominent notice (including, for certain services, email notification of privacy policy changes). We will also keep prior versions of this Privacy Policy in an archive for your review.

Specific product practices

The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

- Chrome and Chrome OS
- Books
- Wallet
- Fiber

Other useful privacy and security related materials

Further useful privacy and security related materials can be found through Google's policies and principles pages, including:

- Information about our technologies and principles, which includes, among other things, more information on
 - how Google uses cookies.
 - technologies we use for advertising.

- how we recognize patterns like faces.
- A page that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- Google's safety center, which provides information on how to stay safe and secure online.

Privacy Policy

Last modified: December 19, 2014 ([view archived versions](#))

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [consult this page](#).

Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which **ads you'll find most useful, the people who matter most to you online**, or which YouTube videos you might like.

We collect information in two ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#). If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We **collect information** about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or you **view and interact with our ads** and content. This information includes:

◦ Device information

We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

◦ Log information

When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
- telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
- [Internet protocol address](#).
- device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
- cookies that may uniquely identify your browser or your Google Account.

◦ Location information

When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

◦ Unique application numbers

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

◦ Local storage

We may collect and store information (including personal information) locally on your device using mechanisms such as [browser web storage](#) (including HTML 5) and [application data caches](#).

◦ Cookies and anonymous identifiers

We **and our partners** use various technologies to collect and store information when you visit a Google service, and this may include sending one or more cookies or anonymous identifiers to your device. We also use cookies and anonymous identifiers when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites.

How we use information we collect

We use the information we collect from all of our services to provide, maintain, protect and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

When you contact Google, we keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like pixel tags, to **improve your user experience** and the overall quality of our services. One of the products we use to do this on our own services is Google Analytics. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate a cookie or anonymous identifier with sensitive categories, such as those based on race, religion, sexual orientation or health.

Our automated systems analyze your content (including emails) to provide you personally relevant product features, such as customized search results, tailored advertising, and spam and malware detection.

We may **combine personal information from one service with information, including personal information, from other Google services** – for example to **make it easier to share things with people you know**. We will not combine DoubleClick cookie information with personally identifiable information unless we have your opt-in consent.

We will ask for your consent before using information for a purpose other than those that are set out in this Privacy Policy.

Google processes personal information on our servers in many countries around the world. We may process your personal information on a server located outside the country where you live.

Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- Review and control certain types of information tied to your Google Account by using Google Dashboard.
- View and edit your preferences about the ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also opt out of certain Google advertising services here.
- Use our editor to see and adjust how your Google Profile appears to particular individuals.
- Control who you share information with.
- Take information out of many of our services.
- Choose whether your Profile name and Profile photo appear in shared endorsements that appear in ads.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services **may not function properly** if your cookies are disabled. For example, we may not remember your language preferences.

Information you share

Many of our services let you share information with others. Remember that when you share information publicly, it may be indexable by search engines, including Google. Our services provide you with different options on **sharing** and **removing your content**.

Accessing and updating your personal information

Whenever you use our services, we aim to provide you with **access to your personal information**. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes. When updating your personal information, we may ask you to verify your identity before we can act on your request.

We may reject requests that are unreasonably repetitive, require disproportionate technical effort (for example, developing a new system or fundamentally changing an existing practice), risk the privacy of others, or would be extremely impractical (for instance, requests concerning information residing on backup systems).

Where we can provide information access and correction, we will do so for free, except where it would require a disproportionate effort. We aim to maintain our services in a manner that protects information from accidental or malicious destruction. Because of

this, after you delete information from our services, we may not immediately delete residual copies from our active servers and may not remove information from our backup systems.

Information we share

We do not share personal information with companies, organizations and individuals outside of Google unless one of the following circumstances applies:

- **With your consent**

We will share personal information with companies, organizations or individuals outside of Google when we have your consent to do so. We require opt-in consent for the sharing of any sensitive personal information.

- **With domain administrators**

If your Google Account is managed for you by a domain administrator (for example, for Google Apps users) then your domain administrator and resellers who provide user support to your organization will have access to your Google Account information (including your email and other data). Your domain administrator may be able to:

- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, **legal process or enforceable governmental request**.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, legal process or enforceable governmental request.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

We may share aggregated, non-personally identifiable information publicly and with our partners – like publishers, advertisers or connected sites. For example, we may share information publicly **to show trends** about the general use of our services.

If Google is involved in a merger, acquisition or asset sale, we will continue to ensure the confidentiality of any personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

Information security

We work hard to protect Google and our users from unauthorized access to or unauthorized alteration, disclosure or destruction of information we hold. In particular:

- We encrypt many of our services using SSL.
- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.
- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.

When this Privacy Policy applies

Our Privacy Policy applies to all of the services offered by Google Inc. and its affiliates, including YouTube, and services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

Compliance and cooperation with regulatory authorities

We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

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Specific product practices

The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

- [Chrome and Chrome OS](#)
- [Books](#)
- [Wallet](#)
- [Fiber](#)

For more information about some of our most popular services, you can visit the [Google Product Privacy Guide](#).

Other useful privacy and security related materials

Further useful privacy and security related materials can be found through Google's [policies and principles pages](#), including:

- Information about our [technologies and principles](#), which includes, among other things, more information on
 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - how we [recognize patterns like faces](#).
- A [page](#) that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- Google's [safety center](#), which provides information on how to stay safe and secure online.

Privacy Policy

Last modified: February 25, 2015 ([view archived versions](#))

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [consult this page](#).

Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which **ads you'll find most useful, the people who matter most to you online**, or which YouTube videos you might like.

We collect information in two ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#). If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We **collect information** about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or you **view and interact with our ads** and content. This information includes:

- **Device information**

We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

- **Log information**

When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
 - telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
 - [Internet protocol address](#).
 - device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
 - cookies that may uniquely identify your browser or your Google Account.

- **Location information**

When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as [browser web storage](#) (including HTML 5) and [application data caches](#).

- **Cookies and anonymous identifiers**

We **and our partners** use various technologies to collect and store information when you visit a Google service, and this may include sending one or more cookies or anonymous identifiers to your device. We also use cookies and anonymous identifiers when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites. Our Google Analytics product helps businesses and site owners analyze the traffic to their websites and apps. When used in conjunction with our advertising services, such as those using the DoubleClick cookie, Google Analytics information is **linked, using Google technology, with information about visits to multiple sites**.

How we use information we collect

We use the information we collect from all of our services to provide, maintain, protect and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

When you contact Google, we keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like pixel tags, to **improve your user experience** and the overall quality of our services. One of the products we use to do this on our own services is Google Analytics. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate a cookie or anonymous identifier with sensitive categories, such as those based on race, religion, sexual orientation or health.

Our automated systems analyze your content (including emails) to provide you personally relevant product features, such as customized search results, tailored advertising, and spam and malware detection.

We may **combine personal information from one service with information, including personal information, from other Google services** – for example to **make it easier to share things with people you know**. We will not combine DoubleClick cookie information with personally identifiable information unless we have your opt-in consent.

We will ask for your consent before using information for a purpose other than those that are set out in this Privacy Policy.

Google processes personal information on our servers in many countries around the world. We may process your personal information on a server located outside the country where you live.

Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- Visit your Google Account History for settings that allow you to control the collection of personal information from Google services, such as Search, YouTube and Location History.
- Review and control certain types of information tied to your Google Account by using Google Dashboard.
- View and edit your preferences about the Google ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also opt out of certain Google advertising services here.
- Adjust how the Profile associated with your Google Account appears to others.
- Control who you share information with through your Google Account.
- Take information associated with your Google Account out of many of our services.
- Choose whether your Profile name and Profile photo appear in shared endorsements that appear in ads.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services **may not function properly** if your cookies are disabled. For example, we may not remember your language preferences.

Information you share

Many of our services let you share information with others. Remember that when you share information publicly, it may be indexable by search engines, including Google. Our services provide you with different options on **sharing** and **removing your content**.

Accessing and updating your personal information

Whenever you use our services, we aim to provide you with **access to your personal information**. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes. When updating your personal information, we may ask you to verify your identity before we can act on your request.

We may reject requests that are unreasonably repetitive, require disproportionate technical effort (for example, developing a new system or fundamentally changing an existing practice), risk the privacy of others, or would be extremely impractical (for instance, requests concerning information residing on backup systems).

Where we can provide information access and correction, we will do so for free, except where it would require a disproportionate effort. We aim to maintain our services in a manner that protects information from accidental or malicious destruction. Because of this, after you delete information from our services, we may not immediately delete residual copies from our active servers and may not remove information from our backup systems.

Information we share

We do not share personal information with companies, organizations and individuals outside of Google unless one of the following circumstances applies:

- **With your consent**

We will share personal information with companies, organizations or individuals outside of Google when we have your consent to do so. We require opt-in consent for the sharing of any sensitive personal information.

- **With domain administrators**

If your Google Account is managed for you by a domain administrator (for example, for Google Apps users) then your domain administrator and resellers who provide user support to your organization will have access to your Google Account information (including your email and other data). Your domain administrator may be able to:

- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, **legal process or enforceable governmental request**.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, legal process or enforceable governmental request.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

We may share aggregated, non-personally identifiable information publicly and with our partners – like publishers, advertisers or connected sites. For example, we may share information publicly **to show trends** about the general use of our services.

If Google is involved in a merger, acquisition or asset sale, we will continue to ensure the confidentiality of any personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

Information security

We work hard to protect Google and our users from unauthorized access to or unauthorized alteration, disclosure or destruction of information we hold. In particular:

- We encrypt many of our services using SSL.
- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.
- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.

When this Privacy Policy applies

Our Privacy Policy applies to all of the services offered by Google Inc. and its affiliates, including YouTube, and services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

Compliance and cooperation with regulatory authorities

We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

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Our Privacy Policy may change from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We will post any privacy policy changes on this page and, if the changes are significant, we will provide a more prominent notice (including, for certain services, email notification of privacy policy changes). We will also keep prior versions of this Privacy Policy in an archive for your review.

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Other useful privacy and security related materials

Further useful privacy and security related materials can be found through Google's [policies and principles pages](#), including:

- Information about our [technologies and principles](#), which includes, among other things, more information on
 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - how we [recognize patterns like faces](#).
- A [page](#) that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- Google's [safety center](#), which provides information on how to stay safe and secure online.

Privacy Policy

Last modified: May 1, 2015 ([view archived versions](#))

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [consult this page](#).

Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which **ads you'll find most useful, the people who matter most to you online**, or which YouTube videos you might like.

We collect information in two ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#). If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We **collect information** about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or you **view and interact with our ads** and content. This information includes:

- **Device information**

We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

- **Log information**

When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
 - telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
 - [Internet protocol address](#).
 - device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
 - cookies that may uniquely identify your browser or your Google Account.

- **Location information**

When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as [browser web storage](#) (including HTML 5) and [application data caches](#).

- **Cookies and anonymous identifiers**

We **and our partners** use various technologies to collect and store information when you visit a Google service, and this may include sending one or more cookies or anonymous identifiers to your device. We also use cookies and anonymous identifiers when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites. Our Google Analytics product helps businesses and site owners analyze the traffic to their websites and apps. When used in conjunction with our advertising services, such as those using the DoubleClick cookie, Google Analytics information is **linked, by the Google Analytics customer or by Google, using Google technology, with information about visits to multiple sites.**

How we use information we collect

We use the information we collect from all of our services to provide, maintain, protect and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

When you contact Google, we keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like pixel tags, to **improve your user experience** and the overall quality of our services. One of the products we use to do this on our own services is Google Analytics. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate a cookie or anonymous identifier with sensitive categories, such as those based on race, religion, sexual orientation or health.

Our automated systems analyze your content (including emails) to provide you personally relevant product features, such as customized search results, tailored advertising, and spam and malware detection.

We may **combine personal information from one service with information, including personal information, from other Google services** – for example to **make it easier to share things with people you know**. We will not combine DoubleClick cookie information with personally identifiable information unless we have your opt-in consent.

We will ask for your consent before using information for a purpose other than those that are set out in this Privacy Policy.

Google processes personal information on our servers in many countries around the world. We may process your personal information on a server located outside the country where you live.

Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- Visit your Google Account History for settings that allow you to control the collection of personal information from Google services, such as Search, YouTube and Location History.
- Review and control certain types of information tied to your Google Account by using Google Dashboard.
- View and edit your preferences about the Google ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also opt out of certain Google advertising services here.
- Adjust how the Profile associated with your Google Account appears to others.
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Whenever you use our services, we aim to provide you with **access to your personal information**. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes. When updating your personal information, we may ask you to verify your identity before we can act on your request.

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Please refer to your domain administrator's privacy policy for more information.

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- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.
- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.

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Our Privacy Policy applies to all of the services offered by Google Inc. and its affiliates, including YouTube, and services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

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The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

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- [Books](#)
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- [Fiber](#)

For more information about some of our most popular services, you can visit the [Google Product Privacy Guide](#).

Other useful privacy and security related materials

Further useful privacy and security related materials can be found through Google's [policies and principles pages](#), including:

- Information about our [technologies and principles](#), which includes, among other things, more information on
 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - how we [recognize patterns like faces](#).
- A [page](#) that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- Google's [safety center](#), which provides information on how to stay safe and secure online.

Welcome to the Google Privacy Policy

When you use Google services, you trust us with your information. This Privacy Policy is meant to help you understand what data we collect, why we collect it, and what we do with it. This is important; we hope you will take time to read it carefully. And remember, you can find controls to manage your information and protect your privacy and security at [My Account](#).

Privacy Policy

Last modified: June 5, 2015 ([view archived versions](#))

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [consult this page](#).

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Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which **ads you'll find most useful, the people who matter most to you online**, or which YouTube videos you might like.

We collect information in the following ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#) to store with your account. If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We **collect information** about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or **view and interact with our ads** and content. This information includes:

- [Device information](#)

We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

- [Log information](#)

When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
- telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
- [Internet protocol address](#).
- device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
- cookies that may uniquely identify your browser or your Google Account.

- [Location information](#)

When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

- [Unique application numbers](#)

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as browser web storage (including HTML 5) and application data caches.

- **Cookies and similar technologies**

We **and our partners** use various technologies to collect and store information when you visit a Google service, and this may include using cookies or similar technologies to identify your browser or device. We also use these technologies to collect and store information when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites. Our Google Analytics product helps businesses and site owners analyze the traffic to their websites and apps. When used in conjunction with our advertising services, such as those using the DoubleClick cookie, Google Analytics information is **linked, by the Google Analytics customer or by Google, using Google technology, with information about visits to multiple sites**.

Information we collect when you are signed in to Google may be associated with your Google Account. When information is associated with your Google Account, we treat it as personal information. For more information about how you can access, manage or delete information that is associated with your Google Account, visit the Transparency and choice section of this policy.

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How we use information we collect

We use the information we collect from all of our services to **provide, maintain, protect** and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

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Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

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Compliance and cooperation with regulatory authorities

We regularly review our compliance with our Privacy Policy. We also adhere to several [self regulatory frameworks](#). When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

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Changes

Our Privacy Policy may change from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We will post any privacy policy changes on this page and, if the changes are significant, we will provide a more prominent notice (including, for certain services, email notification of privacy policy changes). We will also keep prior versions of this Privacy Policy in an archive for your review.

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Specific product practices

The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

- [Chrome and Chrome OS](#)
- [Books](#)
- [Wallet](#)
- [Fiber](#)

For more information about some of our most popular services, you can visit the [Google Product Privacy Guide](#).

[Back to top](#)

Other useful privacy and security related materials

Further useful privacy and security related materials can be found through Google's [policies and principles pages](#), including:

- Information about our [technologies and principles](#), which includes, among other things, more information on
 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - [how we recognize patterns like faces](#).
- A [page](#) that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- Google's [safety center](#), which provides information on how to stay safe and secure online.

Privacy Policy

Last modified: June 30, 2015 ([view archived versions](#))

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [contact us](#).

Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which **ads you'll find most useful, the people who matter most to you online**, or which YouTube videos you might like.

We collect information in the following ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#) to store with your account. If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We [collect information](#) about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or [view and interact with our ads](#) and content. This information includes:

- **Device information**

We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

- **Log information**

When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
 - telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
 - [Internet protocol address](#).
 - device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
 - cookies that may uniquely identify your browser or your Google Account.

- **Location information**

When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as [browser web storage](#) (including HTML 5) and [application data caches](#).

- **Cookies and similar technologies**

We and our partners use various technologies to collect and store information when you visit a Google service, and this may include using cookies or similar technologies to identify your browser or device. We also use these technologies to collect and store information when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites. Our Google Analytics product helps businesses and site owners analyze the traffic to their websites and apps. When used in conjunction with our advertising services, such as those using the DoubleClick cookie, Google Analytics information is **linked, by the Google Analytics customer or by Google, using Google technology, with information about visits to multiple sites.**

Information we collect when you are signed in to Google may be associated with your Google Account. When information is associated with your Google Account, we treat it as personal information. For more information about how you can access, manage or delete information that is associated with your Google Account, visit the Transparency and choice section of this policy.

How we use information we collect

We use the information we collect from all of our services to **provide, maintain, protect** and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

When you contact Google, we keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like pixel tags, to **improve your user experience** and the overall quality of our services. One of the products we use to do this on our own services is Google Analytics. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate an identifier from cookies or similar technologies with sensitive categories, such as those based on race, religion, sexual orientation or health.

Our automated systems analyze your content (including emails) to provide you personally relevant product features, such as customized search results, tailored advertising, and spam and malware detection.

We may **combine personal information from one service with information, including personal information, from other Google services** – for example to **make it easier to share things with people you know**. We will not combine DoubleClick cookie information with personally identifiable information unless we have your opt-in consent.

We will ask for your consent before using information for a purpose other than those that are set out in this Privacy Policy.

Google processes personal information on our servers in many countries around the world. We may process your personal information on a server located outside the country where you live.

Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- Visit your Google Account History for settings that allow you to control the collection of personal information from Google services, such as Search, YouTube and Location History.
- Review and control certain types of information tied to your Google Account by using Google Dashboard.
- View and edit your preferences about the Google ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also opt out of certain Google advertising services here.
- Adjust how the Profile associated with your Google Account appears to others.
- Control who you share information with through your Google Account.
- Take information associated with your Google Account out of many of our services.
- Choose whether your Profile name and Profile photo appear in shared endorsements that appear in ads.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services **may not function properly** if your cookies are disabled. For example, we may not remember your language preferences.

Information you share

Many of our services let you share information with others. Remember that when you share information publicly, it may be indexable by search engines, including Google. Our services provide you with different options on **sharing** and **removing your content**.

Accessing and updating your personal information

Whenever you use our services, we aim to provide you with **access to your personal information**. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes. When updating your personal information, we may ask you to verify your identity before we can act on your request.

We may reject requests that are unreasonably repetitive, require disproportionate technical effort (for example, developing a new system or fundamentally changing an existing practice), risk the privacy of others, or would be extremely impractical (for instance, requests concerning information residing on backup systems).

Where we can provide information access and correction, we will do so for free, except where it would require a disproportionate effort. We aim to maintain our services in a manner that protects information from accidental or malicious destruction. Because of this, after you delete information from our services, we may not immediately delete residual copies from our active servers and may not remove information from our backup systems.

Information we share

We do not share personal information with companies, organizations and individuals outside of Google unless one of the following circumstances applies:

- **With your consent**

We will share personal information with companies, organizations or individuals outside of Google when we have your consent to do so. We require opt-in consent for the sharing of any sensitive personal information.

- **With domain administrators**

If your Google Account is managed for you by a domain administrator (for example, for Google Apps users) then your domain administrator and resellers who provide user support to your organization will have access to your Google Account information (including your email and other data). Your domain administrator may be able to:

- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, **legal process or enforceable governmental request**.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, legal process or enforceable governmental request.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

We may share aggregated, non-personally identifiable information publicly and with our partners – like publishers, advertisers or connected sites. For example, we may share information publicly **to show trends** about the general use of our services.

If Google is involved in a merger, acquisition or asset sale, we will continue to ensure the confidentiality of any personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

Information security

We work hard to protect Google and our users from unauthorized access to or unauthorized alteration, disclosure or destruction of information we hold. In particular:

- We encrypt many of our services using SSL.
- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.
- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.

When this Privacy Policy applies

Our Privacy Policy applies to all of the services offered by Google Inc. and its affiliates, including YouTube, and services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

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We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

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Other useful privacy and security related materials

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- Information about our [technologies and principles](#), which includes, among other things, more information on
 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - how we [recognize patterns like faces](#).
- A [page](#) that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- Google's [safety center](#), which provides information on how to stay safe and secure online.

Privacy Policy

Last modified: August 19, 2015 ([view archived versions](#))

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
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We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [contact us](#).

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- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#) to store with your account. If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We [collect information](#) about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or [view and interact with our ads](#) and content. This information includes:

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We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

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When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
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 - cookies that may uniquely identify your browser or your Google Account.

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When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as [browser web storage](#) (including HTML 5) and [application data caches](#).

- **Cookies and similar technologies**

We **and our partners** use various technologies to collect and store information when you visit a Google service, and this may include using [cookies or similar technologies](#) to identify your browser or device. We also use these technologies to collect and store information when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites. Our Google Analytics product helps businesses and site owners analyze the traffic to their websites and apps. When used in conjunction with our advertising services, such as those using the DoubleClick cookie, Google Analytics information is **linked, by the Google Analytics customer or by Google, using Google technology, with information about visits to multiple sites.**

Information we collect when you are signed in to Google, in addition to information we obtain about you from partners, may be associated with your Google Account. When information is associated with your Google Account, we treat it as personal information. For more information about how you can access, manage or delete information that is associated with your Google Account, visit the [Transparency and choice](#) section of this policy.

How we use information we collect

We use the information we collect from all of our services to **provide, maintain, protect** and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

When you contact Google, we keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

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- [Review and update your Google activity controls](#) to decide what types of data, such as videos you've watched on YouTube or past searches, you would like saved with your account when you use Google services.
- [Review and control](#) certain types of information tied to your Google Account by using Google Dashboard.
- [View and edit](#) your preferences about the Google ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also opt out of certain Google advertising services here.
- [Adjust](#) how the Profile associated with your Google Account appears to others.
- [Control](#) who you share information with through your Google Account.
- [Take information](#) associated with your Google Account out of many of our services.
- [Choose](#) whether your Profile name and Profile photo appear in shared endorsements that appear in ads.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services **may not function properly** if your cookies are disabled. For example, we may not remember your language preferences.

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- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, **legal process or enforceable governmental request**.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, legal process or enforceable governmental request.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

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- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.

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 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - how we [recognize patterns like faces](#).
- A [page](#) that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- The [Privacy Checkup](#) tool, which makes it easy to review your key privacy settings.
- Google's [safety center](#), which provides information on how to stay safe and secure online.

"access to your personal information"

For example, with Google Dashboard you can quickly and easily see some of the data associated with your Google Account.
[Learn more](#).

"ads you'll find most useful"

For example, if you frequently visit websites and blogs about gardening, you may see ads related to gardening as you browse the web.

[Learn more](#).

"advertising services"

For example, if you frequently visit websites and blogs about gardening that show our ads, you may start to see ads related to this interest as you browse the web.

[Learn more](#).

"and other sensors"

Your device may have sensors that provide information to assist in a better understanding of your location. For example, an accelerometer can be used to determine things like speed, or a gyroscope to figure out direction of travel.

[Learn more](#).

"collect information"

This includes information like your usage data and preferences, Gmail messages, G+ profile, photos, videos, browsing history, map searches, docs, or other Google-hosted content.

[Learn more.](#)

"combine personal information from one service with information, including personal information, from other Google services"

For example, when you're signed in to your Google Account and search on Google, you can see search results from the public web, along with pages, photos, and Google+ posts from your friends and people who know you or follow you on Google+ may see your posts and profile in their results.

[Learn more.](#)

"connect with people"

For example, you could get suggestions of people you might know or want to connect with on Google+, based on the connections you have with people on other Google products, like Gmail and people who have a connection with you may see your profile as a suggestion.

[Learn more.](#)

"credit card"

Whilst we currently don't ask for a credit card during sign up, verifying your age through a small credit card transaction is one way to confirm that you meet our age requirements in case your account was disabled after you have entered a birthday indicating you are not old enough to have a Google Account.

[Learn more.](#)

"develop new ones"

For example, Google's spell checking software was developed by analyzing previous searches where users had corrected their own spelling.

[Learn more.](#)

"device identifiers"

Device identifiers let Google know which unique device you are using to access our services, which can be used to customise our service to your device or analyse any device issues related to our services.

[Learn more.](#)

"device-specific information"

For example, when you visit Google Play from your desktop, Google can use this information to help you decide on which devices you'd like your purchases to be available for use.

[Learn more.](#)

"improve your user experience"

For example, cookies allow us to analyse how users interact with our services.

[Learn more.](#)

"legal process or enforceable governmental request"

Like other technology and communications companies, Google regularly receives requests from governments and courts around the world to hand over user data.

[Learn more.](#)

"limit sharing or visibility settings"

For example, you can choose your settings so your name and photo do not appear in an ad.

[Learn more.](#)

"linked with information about visits to multiple sites"

Google Analytics is based on first-party cookies. Data generated through Google Analytics can be linked, by the Google Analytics customer or by Google, using Google technology, to third-party cookies, related to visits to other websites, for instance when an advertiser wants to use its Google Analytics data to create more relevant ads, or to further analyze its traffic.

[Learn more.](#)

"maintain"

For example, we continuously monitor our systems to check that they are working as intended and in order to detect and fix errors.

[Learn more.](#)

"may collect and process information about your actual location"

For example, Google Maps can center the maps view on your current location.

[Learn more.](#)

"may not function properly"

For example, we use a cookie called 'lbc' which makes it possible for you to open many Google Docs in one browser.

[Learn more.](#)

"and our partners"

We allow trusted businesses to use cookies or similar technologies for advertising and research purposes on our services.

[Learn more.](#)

"phone number"

For example, if you add a phone number as a recovery option, if you forget your password Google can send you a text message with a code to enable you to reset it.

[Learn more.](#)

"protect Google and our users"

For example, if you're concerned about unauthorized access to your email, "Last account activity" in Gmail shows you information about recent activity in your email, such as the IP addresses that accessed your mail, the associated location, as well as the time and date.

[Learn more.](#)

"protect"

For example, one reason we collect and analyze IP addresses and cookies is to protect our services against automated abuse.

[Learn more.](#)

"provide"

For example, the IP address assigned to your device is used to send the data you requested back to your device.

[Learn more.](#)

"sharing"

For example, with Google+, you have many different sharing options.

[Learn more.](#)

"sharing with others quicker and easier"

For example, if someone is already a contact, Google will autocomplete their name if you want to add them to a message in Gmail.

[Learn more.](#)

"the people who matter most to you online"

For example, when you type an address in the To, Cc, or Bcc field of a message you're composing, Gmail will suggest addresses from your Contacts list.

[Learn more.](#)

"to make it easier to share things with people you know"

For example, if you have communicated with someone via Gmail and want to add them to a Google Doc or an event in Google Calendar, Google makes it easy to do so by autocompleting their email address when you start to type in their name.

[Learn more.](#)

"view and interact with our ads"

For example, we regularly report to advertisers on whether we served their ad to a page and whether that ad was likely to be seen by users (as opposed to, for example, being on part of the page to which users did not scroll).

[Learn more.](#)

"We may share aggregated, non-personally identifiable information publicly"

When lots of people start searching for something, it can provide very useful information about particular trends at that time.

[Learn more.](#)

"Wi-Fi access points and cell towers"

For example, Google can approximate your device's location based on the known location of nearby cell towers.

[Learn more.](#)

"more relevant search results"

For example, we can make search more relevant and interesting for you by including photos, posts, and more from you and your friends.

[Learn more.](#)

"removing your content"

For example, you can delete your [Web History](#), [your blog](#), [a Google Site you own](#), [your YouTube Channel](#), [your Google+ profile](#) or [your entire Google account](#).

[Learn more.](#)

"to show trends"

You can see some of these at [Google Trends](#) and [YouTube Trends](#).

[Learn more.](#)

Privacy Policy

Last modified: June 28, 2016 ([view archived versions](#)) (The hyperlinked examples are available at the end of this document.)

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [contact us](#).

Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which **ads you'll find most useful, the people who matter most to you online**, or which YouTube videos you might like.

We collect information in the following ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#) to store with your account. If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We [collect information](#) about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or [view and interact with our ads](#) and content. This information includes:

- **Device information**

We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

- **Log information**

When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
 - telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
 - [Internet protocol address](#).
 - device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
 - cookies that may uniquely identify your browser or your Google Account.

- **Location information**

When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as [browser web storage](#) (including HTML 5) and [application data caches](#).

- **Cookies and similar technologies**

We **and our partners** use various technologies to collect and store information when you visit a Google service, and this may include using [cookies or similar technologies](#) to identify your browser or device. We also use these technologies to collect and store information when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites. Our Google Analytics product helps businesses and site owners analyze the traffic to their websites and apps. When used in conjunction with our advertising services, such as those using the DoubleClick cookie, Google Analytics information is **linked, by the Google Analytics customer or by Google, using Google technology, with information about visits to multiple sites.**

Information we collect when you are signed in to Google, in addition to information we obtain about you from partners, may be associated with your Google Account. When information is associated with your Google Account, we treat it as personal information. For more information about how you can access, manage or delete information that is associated with your Google Account, visit the [Transparency and choice](#) section of this policy.

How we use information we collect

We use the information we collect from all of our services to **provide, maintain, protect** and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

When you contact Google, we keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like [pixel tags](#), to **improve your user experience** and the overall quality of our services. One of the products we use to do this on our own services is Google Analytics. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate an identifier from cookies or similar technologies with [sensitive categories](#), such as those based on race, religion, sexual orientation or health.

Our automated systems analyze your content (including emails) to provide you personally relevant product features, such as customized search results, tailored advertising, and spam and malware detection.

We may **combine personal information from one service with information, including personal information, from other Google services** – for example to **make it easier to share things with people you know**. Depending on [your account settings](#), **your activity on other sites and apps** may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

We will ask for your consent before using information for a purpose other than those that are set out in this Privacy Policy.

Google processes personal information on our servers in many countries around the world. We may process your personal information on a server located outside the country where you live.

Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- [Review and update your Google activity controls](#) to decide what types of data, such as videos you've watched on YouTube or past searches, you would like saved with your account when you use Google services. You can also visit these [controls](#) to manage whether certain activity is stored in a cookie or similar technology on your device when you use our services while signed-out of your account.
- [Review and control](#) certain types of information tied to your Google Account by using Google Dashboard.
- [View and edit](#) your preferences about the Google ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also opt out of certain Google advertising services here.
- [Adjust](#) how the Profile associated with your Google Account appears to others.
- [Control](#) who you share information with through your Google Account.
- [Take information](#) associated with your Google Account out of many of our services.
- [Choose](#) whether your Profile name and Profile photo appear in shared endorsements that appear in ads.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services **may not function properly** if your cookies are disabled. For example, we may not remember your language preferences.

Information you share

Many of our services let you share information with others. Remember that when you share information publicly, it may be indexable by search engines, including Google. Our services provide you with different options on **sharing** and **removing your content**.

Accessing and updating your personal information

Whenever you use our services, we aim to provide you with **access to your personal information**. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes. When updating your personal information, we may ask you to verify your identity before we can act on your request.

We may reject requests that are unreasonably repetitive, require disproportionate technical effort (for example, developing a new system or fundamentally changing an existing practice), risk the privacy of others, or would be extremely impractical (for instance, requests concerning information residing on backup systems).

Where we can provide information access and correction, we will do so for free, except where it would require a disproportionate effort. We aim to maintain our services in a manner that protects information from accidental or malicious destruction. Because of this, after you delete information from our services, we may not immediately delete residual copies from our active servers and may not remove information from our backup systems.

Information we share

We do not share personal information with companies, organizations and individuals outside of Google unless one of the following circumstances applies:

- **With your consent**

We will share personal information with companies, organizations or individuals outside of Google when we have your consent to do so. We require opt-in consent for the sharing of any sensitive personal information.

- **With domain administrators**

If your Google Account is managed for you by a domain administrator (for example, for Google Apps users) then your domain administrator and resellers who provide user support to your organization will have access to your Google Account information (including your email and other data). Your domain administrator may be able to:

- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, **legal process or enforceable governmental request**.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, **legal process or enforceable governmental request**.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners – like publishers, advertisers or connected sites. For example, we may share information publicly to **show trends** about the general use of our services.

If Google is involved in a merger, acquisition or asset sale, we will continue to ensure the confidentiality of any personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

Information security

We work hard to protect Google and our users from unauthorized access to or unauthorized alteration, disclosure or destruction of information we hold. In particular:

- We encrypt many of our services using SSL.
- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.
- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or

terminated if they fail to meet these obligations.

When this Privacy Policy applies

Our Privacy Policy applies to all of the services offered by Google Inc. and its affiliates, including YouTube, services Google provides on Android devices, and services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

Compliance and cooperation with regulatory authorities

We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

Changes

Our Privacy Policy may change from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We will post any privacy policy changes on this page and, if the changes are significant, we will provide a more prominent notice (including, for certain services, email notification of privacy policy changes). We will also keep prior versions of this Privacy Policy in an archive for your review.

Specific product practices

The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

- [Chrome and Chrome OS](#)
- [Play Books](#)
- [Payments](#)
- [Fiber](#)
- [Project Fi](#)
- [Google Apps for Education](#)

For more information about some of our most popular services, you can visit the [Google Product Privacy Guide](#).

Other useful privacy and security related materials

Further useful privacy and security related materials can be found through Google's [policies and principles pages](#), including:

- Information about our [technologies and principles](#), which includes, among other things, more information on
 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - how we [recognize patterns like faces](#).
- A [page](#) that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- The [Privacy Checkup](#) tool, which makes it easy to review your key privacy settings.
- Google's [safety center](#), which provides information on how to stay safe and secure online.

Privacy Policy

Last modified: August 29, 2016 ([view archived versions](#)) (The hyperlinked examples are available at the end of this document.)

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [contact us](#).

Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which **ads you'll find most useful, the people who matter most to you online**, or which YouTube videos you might like.

We collect information in the following ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#) to store with your account. If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We [collect information](#) about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or [view and interact with our ads](#) and content. This information includes:

- **Device information**

We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

- **Log information**

When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
 - telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
 - [Internet protocol address](#).
 - device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
 - cookies that may uniquely identify your browser or your Google Account.

- **Location information**

When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as [browser web storage](#) (including HTML 5) and [application data caches](#).

- **Cookies and similar technologies**

We **and our partners** use various technologies to collect and store information when you visit a Google service, and this may include using [cookies or similar technologies](#) to identify your browser or device. We also use these technologies to collect and store information when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites. Our Google Analytics product helps businesses and site owners analyze the traffic to their websites and apps. When used in conjunction with our advertising services, such as those using the DoubleClick cookie, Google Analytics information is **linked, by the Google Analytics customer or by Google, using Google technology, with information about visits to multiple sites.**

Information we collect when you are signed in to Google, in addition to information we obtain about you from partners, may be associated with your Google Account. When information is associated with your Google Account, we treat it as personal information. For more information about how you can access, manage or delete information that is associated with your Google Account, visit the [Transparency and choice](#) section of this policy.

How we use information we collect

We use the information we collect from all of our services to **provide, maintain, protect** and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

When you contact Google, we keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like [pixel tags](#), to **improve your user experience** and the overall quality of our services. One of the products we use to do this on our own services is Google Analytics. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate an identifier from cookies or similar technologies with [sensitive categories](#), such as those based on race, religion, sexual orientation or health.

Our automated systems analyze your content (including emails) to provide you personally relevant product features, such as customized search results, tailored advertising, and spam and malware detection.

We may **combine personal information from one service with information, including personal information, from other Google services** – for example to **make it easier to share things with people you know**. Depending on [your account settings](#), **your activity on other sites and apps** may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

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Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- [Review and update your Google activity controls](#) to decide what types of data, such as videos you've watched on YouTube or past searches, you would like saved with your account when you use Google services. You can also visit these [controls](#) to manage whether certain activity is stored in a cookie or similar technology on your device when you use our services while signed-out of your account.
- [Review and control](#) certain types of information tied to your Google Account by using Google Dashboard.
- [View and edit](#) your preferences about the Google ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also visit that page to opt out of certain Google advertising services.
- [Adjust](#) how the Profile associated with your Google Account appears to others.
- [Control](#) who you share information with through your Google Account.
- [Take information](#) associated with your Google Account out of many of our services.
- [Choose](#) whether your Profile name and Profile photo appear in shared endorsements that appear in ads.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services **may not function properly** if your cookies are disabled. For example, we may not remember your language preferences.

Information you share

Many of our services let you share information with others. Remember that when you share information publicly, it may be indexable by search engines, including Google. Our services provide you with different options on **sharing** and **removing your content**.

Accessing and updating your personal information

Whenever you use our services, we aim to provide you with **access to your personal information**. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes. When updating your personal information, we may ask you to verify your identity before we can act on your request.

We may reject requests that are unreasonably repetitive, require disproportionate technical effort (for example, developing a new system or fundamentally changing an existing practice), risk the privacy of others, or would be extremely impractical (for instance, requests concerning information residing on backup systems).

Where we can provide information access and correction, we will do so for free, except where it would require a disproportionate effort. We aim to maintain our services in a manner that protects information from accidental or malicious destruction. Because of this, after you delete information from our services, we may not immediately delete residual copies from our active servers and may not remove information from our backup systems.

Information we share

We do not share personal information with companies, organizations and individuals outside of Google unless one of the following circumstances applies:

- **With your consent**

We will share personal information with companies, organizations or individuals outside of Google when we have your consent to do so. We require opt-in consent for the sharing of any sensitive personal information.

- **With domain administrators**

If your Google Account is managed for you by a domain administrator (for example, for Google Apps users) then your domain administrator and resellers who provide user support to your organization will have access to your Google Account information (including your email and other data). Your domain administrator may be able to:

- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, **legal process or enforceable governmental request**.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, **legal process or enforceable governmental request**.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners – like publishers, advertisers or connected sites. For example, we may share information publicly to **show trends** about the general use of our services.

If Google is involved in a merger, acquisition or asset sale, we will continue to ensure the confidentiality of any personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

Information security

We work hard to protect Google and our users from unauthorized access to or unauthorized alteration, disclosure or destruction of information we hold. In particular:

- We encrypt many of our services using SSL.
- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.
- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or

terminated if they fail to meet these obligations.

When this Privacy Policy applies

Our Privacy Policy applies to all of the services offered by Google Inc. and its affiliates, including YouTube, services Google provides on Android devices, and services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

Compliance and cooperation with regulatory authorities

We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks, including the EU-US Privacy Shield Framework. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

Changes

Our Privacy Policy may change from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We will post any privacy policy changes on this page and, if the changes are significant, we will provide a more prominent notice (including, for certain services, email notification of privacy policy changes). We will also keep prior versions of this Privacy Policy in an archive for your review.

Specific product practices

The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

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- [Play Books](#)
- [Payments](#)
- [Fiber](#)
- [Project Fi](#)
- [Google Apps for Education](#)

For more information about some of our most popular services, you can visit the [Google Product Privacy Guide](#).

Other useful privacy and security related materials

Further useful privacy and security related materials can be found through Google's policies and principles pages, including:

- Information about our technologies and principles, which includes, among other things, more information on
 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - how we [recognize patterns like faces](#).
- A page that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- The [Privacy Checkup](#) tool, which makes it easy to review your key privacy settings.
- Google's [safety center](#), which provides information on how to stay safe and secure online.

"access to your personal information"

For example, with Google Dashboard you can quickly and easily see some of the data associated with your Google Account. [Learn more.](#)

"ads you'll find most useful"

For example, if you frequently visit websites and blogs about gardening, you may see ads related to gardening as you browse the web. [Learn more.](#)

"advertising services"

For example, if you frequently visit websites and blogs about gardening that show our ads, you may start to see ads related to this interest as you browse the web. [Learn more.](#)

"and other sensors"

Your device may have sensors that provide information to assist in a better understanding of your location. For example, an accelerometer can be used to determine things like speed, or a gyroscope to figure out direction of travel.

[Learn more.](#)

"collect information"

This includes information like your usage data and preferences, Gmail messages, G+ profile, photos, videos, browsing history, map searches, docs, or other Google-hosted content.

[Learn more.](#)

"combine personal information from one service with information, including personal information, from other Google services"

For example, when you're signed in to your Google Account and search on Google, you can see search results from the public web, along with pages, photos, and Google+ posts from your friends and people who know you or follow you on Google+ may see your posts and profile in their results.

[Learn more.](#)

"connect with people"

For example, you could get suggestions of people you might know or want to connect with on Google+, based on the connections you have with people on other Google products, like Gmail and people who have a connection with you may see your profile as a suggestion.

[Learn more.](#)

"credit card"

Whilst we currently don't ask for a credit card during sign up, verifying your age through a small credit card transaction is one way to confirm that you meet our age requirements in case your account was disabled after you have entered a birthday indicating you are not old enough to have a Google Account.

[Learn more.](#)

"develop new ones"

For example, Google's spell checking software was developed by analyzing previous searches where users had corrected their own spelling.

[Learn more.](#)

"device identifiers"

Device identifiers let Google know which unique device you are using to access our services, which can be used to customise our service to your device or analyse any device issues related to our services.

[Learn more.](#)

"device-specific information"

For example, when you visit Google Play from your desktop, Google can use this information to help you decide on which devices you'd like your purchases to be available for use.

[Learn more.](#)

"improve your user experience"

For example, cookies allow us to analyse how users interact with our services.

[Learn more.](#)

"legal process or enforceable governmental request"

Like other technology and communications companies, Google regularly receives requests from governments and courts around the world to hand over user data. Our legal team reviews each and every request, regardless of type, and we frequently push back when the requests appear to be overly broad or don't follow the correct process.

[Learn more.](#)

"limit sharing or visibility settings"

For example, you can choose your settings so your name and photo do not appear in an ad.

[Learn more.](#)

"linked with information about visits to multiple sites"

Google Analytics is based on first-party cookies. Data generated through Google Analytics can be linked, by the Google Analytics customer or by Google, using Google technology, to third-party cookies, related to visits to other websites, for instance when an advertiser wants to use its Google Analytics data to create more relevant ads, or to further analyze its traffic.

[Learn more.](#)

"maintain"

For example, we continuously monitor our systems to check that they are working as intended and in order to detect and fix errors.
[Learn more.](#)

"may collect and process information about your actual location"

For example, Google Maps can center the maps view on your current location.
[Learn more.](#)

"may not function properly"

For example, we use a cookie called 'lbc' which makes it possible for you to open many Google Docs in one browser.
[Learn more.](#)

"and our partners"

We allow trusted businesses to use cookies or similar technologies for advertising and research purposes on our services.
[Learn more.](#)

"phone number"

For example, if you add a phone number as a recovery option, if you forget your password Google can send you a text message with a code to enable you to reset it.
[Learn more.](#)

"protect Google and our users"

For example, if you're concerned about unauthorized access to your email, "Last account activity" in Gmail shows you information about recent activity in your email, such as the IP addresses that accessed your mail, the associated location, as well as the time and date.
[Learn more.](#)

"protect"

For example, one reason we collect and analyze IP addresses and cookies is to protect our services against automated abuse.
[Learn more.](#)

"provide"

For example, the IP address assigned to your device is used to send the data you requested back to your device.
[Learn more.](#)

"sharing"

For example, with Google+, you have many different sharing options.
[Learn more.](#)

"sharing with others quicker and easier"

For example, if someone is already a contact, Google will autocomplete their name if you want to add them to a message in Gmail.
[Learn more.](#)

"the people who matter most to you online"

For example, when you type an address in the To, Cc, or Bcc field of a message you're composing, Gmail will suggest addresses from your Contacts list.
[Learn more.](#)

"to make it easier to share things with people you know"

For example, if you have communicated with someone via Gmail and want to add them to a Google Doc or an event in Google Calendar, Google makes it easy to do so by autocompleting their email address when you start to type in their name.
[Learn more.](#)

"view and interact with our ads"

For example, we regularly report to advertisers on whether we served their ad to a page and whether that ad was likely to be seen by users (as opposed to, for example, being on part of the page to which users did not scroll).
[Learn more.](#)

"We may share aggregated, non-personally identifiable information publicly"

When lots of people start searching for something, it can provide very useful information about particular trends at that time.

[Learn more.](#)

"Wi-Fi access points and cell towers"

For example, Google can approximate your device's location based on the known location of nearby cell towers.

[Learn more.](#)

"more relevant search results"

For example, we can make search more relevant and interesting for you by including photos, posts, and more from you and your friends.

[Learn more.](#)

"removing your content"

For example, you can delete your [Web & App Activity](#), [your blog](#), [a Google Site you own](#), [your YouTube Channel](#), [your Google+ profile](#) or [your entire Google account](#).

[Learn more.](#)

"to show trends"

You can see some of these at [Google Trends](#) and [YouTube Trending Videos](#).

[Learn more.](#)

"your activity on other sites and apps"

This activity might come from your use of Google products like Chrome Sync or from your visits to sites and apps that partner with Google. Many websites and apps partner with Google to improve their content and services. For example, a website might use our advertising services (like AdSense) or analytics tools (like Google Analytics). These products share information about your activity with Google and, depending on [your account settings](#) and the products in use (for instance, when a partner uses Google Analytics in conjunction with our advertising services), this data may be associated with your personal information.

[Learn more.](#)

Privacy Policy

Last modified: March 1, 2017 ([view archived versions](#)) (The hyperlinked examples are available at the end of this document.)

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [contact us](#).

Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which **ads you'll find most useful, the people who matter most to you online**, or which YouTube videos you might like.

We collect information in the following ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#) to store with your account. If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We [collect information](#) about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or [view and interact with our ads](#) and content. This information includes:

- **Device information**

We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

- **Log information**

When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
 - telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
 - [Internet protocol address](#).
 - device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
 - cookies that may uniquely identify your browser or your Google Account.

- **Location information**

When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as [browser web storage](#) (including HTML 5) and [application data caches](#).

- **Cookies and similar technologies**

We and our partners use various technologies to collect and store information when you visit a Google service, and this may include using cookies or similar technologies to identify your browser or device. We also use these technologies to collect and store information when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites. Our Google Analytics product helps businesses and site owners analyze the traffic to their websites and apps. When used in conjunction with our advertising services, such as those using the DoubleClick cookie, Google Analytics information is **linked, by the Google Analytics customer or by Google, using Google technology, with information about visits to multiple sites.**

Information we collect when you are signed in to Google, in addition to information we obtain about you from partners, may be associated with your Google Account. When information is associated with your Google Account, we treat it as personal information. For more information about how you can access, manage or delete information that is associated with your Google Account, visit the Transparency and choice section of this policy.

How we use information we collect

We use the information we collect from all of our services to **provide, maintain, protect** and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

When you contact Google, we keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like pixel tags, to **improve your user experience** and the overall quality of our services. One of the products we use to do this on our own services is Google Analytics. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate an identifier from cookies or similar technologies with sensitive categories, such as those based on race, religion, sexual orientation or health.

Our automated systems analyze your content (including emails) to provide you personally relevant product features, such as customized search results, tailored advertising, and spam and malware detection.

We may **combine personal information from one service with information, including personal information, from other Google services** – for example to **make it easier to share things with people you know**. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

We will ask for your consent before using information for a purpose other than those that are set out in this Privacy Policy.

Google processes personal information on our servers in many countries around the world. We may process your personal information on a server located outside the country where you live.

Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- Review and update your Google activity controls to decide what types of data, such as videos you've watched on YouTube or past searches, you would like saved with your account when you use Google services. You can also visit these controls to manage whether certain activity is stored in a cookie or similar technology on your device when you use our services while signed-out of your account.
- Review and control certain types of information tied to your Google Account by using Google Dashboard.
- View and edit your preferences about the Google ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also visit that page to opt out of certain Google advertising services.
- Adjust how the Profile associated with your Google Account appears to others.
- Control who you share information with through your Google Account.
- Take information associated with your Google Account out of many of our services.
- Choose whether your Profile name and Profile photo appear in shared endorsements that appear in ads.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services **may not function properly** if your cookies are disabled. For example, we may not remember your language preferences.

Information you share

Many of our services let you share information with others. Remember that when you share information publicly, it may be indexable by search engines, including Google. Our services provide you with different options on **sharing** and **removing your content**.

Accessing and updating your personal information

Whenever you use our services, we aim to provide you with **access to your personal information**. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes. When updating your personal information, we may ask you to verify your identity before we can act on your request.

We may reject requests that are unreasonably repetitive, require disproportionate technical effort (for example, developing a new system or fundamentally changing an existing practice), risk the privacy of others, or would be extremely impractical (for instance, requests concerning information residing on backup systems).

Where we can provide information access and correction, we will do so for free, except where it would require a disproportionate effort. We aim to maintain our services in a manner that protects information from accidental or malicious destruction. Because of this, after you delete information from our services, we may not immediately delete residual copies from our active servers and may not remove information from our backup systems.

Information we share

We do not share personal information with companies, organizations and individuals outside of Google unless one of the following circumstances applies:

- **With your consent**

We will share personal information with companies, organizations or individuals outside of Google when we have your consent to do so. We require opt-in consent for the sharing of any sensitive personal information.

- **With domain administrators**

If your Google Account is managed for you by a domain administrator (for example, for G Suite users) then your domain administrator and resellers who provide user support to your organization will have access to your Google Account information (including your email and other data). Your domain administrator may be able to:

- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, **legal process or enforceable governmental request**.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, **legal process or enforceable governmental request**.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners – like publishers, advertisers or connected sites. For example, we may share information publicly to **show trends** about the general use of our services.

If Google is involved in a merger, acquisition or asset sale, we will continue to ensure the confidentiality of any personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

Information security

We work hard to protect Google and our users from unauthorized access to or unauthorized alteration, disclosure or destruction of information we hold. In particular:

- We encrypt many of our services using SSL.
- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.
- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or

terminated if they fail to meet these obligations.

When this Privacy Policy applies

Our Privacy Policy applies to all of the services offered by Google Inc. and its affiliates, including YouTube, services Google provides on Android devices, and services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

Compliance and cooperation with regulatory authorities

We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks, including the EU-US Privacy Shield Framework. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

Changes

Our Privacy Policy may change from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We will post any privacy policy changes on this page and, if the changes are significant, we will provide a more prominent notice (including, for certain services, email notification of privacy policy changes). We will also keep prior versions of this Privacy Policy in an archive for your review.

Specific product practices

The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

- [Chrome and Chrome OS](#)
- [Play Books](#)
- [Payments](#)
- [Fiber](#)
- [Project Fi](#)
- [G Suite for Education](#)

For more information about some of our most popular services, you can visit the [Google Product Privacy Guide](#).

Other useful privacy and security related materials

Further useful privacy and security related materials can be found through Google's policies and principles pages, including:

- Information about our technologies and principles, which includes, among other things, more information on
 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - how we [recognize patterns like faces](#).
- A page that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- The [Privacy Checkup](#) tool, which makes it easy to review your key privacy settings.
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For example, you can delete your [Web & App Activity](#), [your blog](#), [a Google Site you own](#), [your YouTube Channel](#), [your Google+ profile](#) or [your entire Google account](#).

[Learn more.](#)

"to show trends"

You can see some of these at [Google Trends](#) and [YouTube Trending Videos](#).

[Learn more.](#)

"your activity on other sites and apps"

This activity might come from your use of Google products like Chrome Sync or from your visits to sites and apps that partner with Google. Many websites and apps partner with Google to improve their content and services. For example, a website might use our advertising services (like AdSense) or analytics tools (like Google Analytics). These products share information about your activity with Google and, depending on [your account settings](#) and the products in use (for instance, when a partner uses Google Analytics in conjunction with our advertising services), this data may be associated with your personal information.

[Learn more.](#)

Privacy Policy

Last modified: October 2, 2017 ([view archived versions](#)) (The hyperlinked examples are available at the end of this document.)

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [contact us](#).

Information we collect

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- **Information we get from your use of our services.** We [collect information](#) about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or [view and interact with our ads](#) and content. This information includes:

- **Device information**

We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

- **Log information**

When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
 - telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
 - [Internet protocol address](#).
 - device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
 - cookies that may uniquely identify your browser or your Google Account.

- **Location information**

When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as [browser web storage](#) (including HTML 5) and [application data caches](#).

- **Cookies and similar technologies**

We and our partners use various technologies to collect and store information when you visit a Google service, and this may include using cookies or similar technologies to identify your browser or device. We also use these technologies to collect and store information when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites. Our Google Analytics product helps businesses and site owners analyze the traffic to their websites and apps. When used in conjunction with our advertising services, such as those using the DoubleClick cookie, Google Analytics information is **linked, by the Google Analytics customer or by Google, using Google technology, with information about visits to multiple sites.**

Information we collect when you are signed in to Google, in addition to information we obtain about you from partners, may be associated with your Google Account. When information is associated with your Google Account, we treat it as personal information. For more information about how you can access, manage or delete information that is associated with your Google Account, visit the Transparency and choice section of this policy.

How we use information we collect

We use the information we collect from all of our services to **provide, maintain, protect** and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

When you contact Google, we keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like pixel tags, to **improve your user experience** and the overall quality of our services. One of the products we use to do this on our own services is Google Analytics. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate an identifier from cookies or similar technologies with sensitive categories, such as those based on race, religion, sexual orientation or health.

Our automated systems analyze your content (including emails) to provide you personally relevant product features, such as customized search results, tailored advertising, and spam and malware detection.

We may **combine personal information from one service with information, including personal information, from other Google services** – for example to **make it easier to share things with people you know**. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

We will ask for your consent before using information for a purpose other than those that are set out in this Privacy Policy.

Google processes personal information on our servers in many countries around the world. We may process your personal information on a server located outside the country where you live.

Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- Review and update your Google activity controls to decide what types of data, such as videos you've watched on YouTube or past searches, you would like saved with your account when you use Google services. You can also visit these controls to manage whether certain activity is stored in a cookie or similar technology on your device when you use our services while signed-out of your account.
- Review and control certain types of information tied to your Google Account by using Google Dashboard.
- View and edit your preferences about the Google ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also visit that page to opt out of certain Google advertising services.
- Adjust how the Profile associated with your Google Account appears to others.
- Control who you share information with through your Google Account.
- Take information associated with your Google Account out of many of our services.
- Choose whether your Profile name and Profile photo appear in shared endorsements that appear in ads.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services **may not function properly** if your cookies are disabled. For example, we may not remember your language preferences.

Information you share

Many of our services let you share information with others. Remember that when you share information publicly, it may be indexable by search engines, including Google. Our services provide you with different options on **sharing** and **removing your content**.

Accessing and updating your personal information

Whenever you use our services, we aim to provide you with **access to your personal information**. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes. When updating your personal information, we may ask you to verify your identity before we can act on your request.

We may reject requests that are unreasonably repetitive, require disproportionate technical effort (for example, developing a new system or fundamentally changing an existing practice), risk the privacy of others, or would be extremely impractical (for instance, requests concerning information residing on backup systems).

Where we can provide information access and correction, we will do so for free, except where it would require a disproportionate effort. We aim to maintain our services in a manner that protects information from accidental or malicious destruction. Because of this, after you delete information from our services, we may not immediately delete residual copies from our active servers and may not remove information from our backup systems.

Information we share

We do not share personal information with companies, organizations and individuals outside of Google unless one of the following circumstances applies:

- **With your consent**

We will share personal information with companies, organizations or individuals outside of Google when we have your consent to do so. We require opt-in consent for the sharing of any sensitive personal information.

- **With domain administrators**

If your Google Account is managed for you by a domain administrator (for example, for G Suite users) then your domain administrator and resellers who provide user support to your organization will have access to your Google Account information (including your email and other data). Your domain administrator may be able to:

- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, **legal process or enforceable governmental request**.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, **legal process or enforceable governmental request**.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners – like publishers, advertisers or connected sites. For example, we may share information publicly to **show trends** about the general use of our services.

If Google is involved in a merger, acquisition or asset sale, we will continue to ensure the confidentiality of any personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

Information security

We work hard to protect Google and our users from unauthorized access to or unauthorized alteration, disclosure or destruction of information we hold. In particular:

- We encrypt many of our services using SSL.
- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.
- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or

terminated if they fail to meet these obligations.

When this Privacy Policy applies

Our Privacy Policy applies to all of the services offered by Google LLC and its affiliates, including YouTube, services Google provides on Android devices, and services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

Compliance and cooperation with regulatory authorities

We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks, including the EU-US and Swiss-US Privacy Shield Frameworks. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

Changes

Our Privacy Policy may change from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We will post any privacy policy changes on this page and, if the changes are significant, we will provide a more prominent notice (including, for certain services, email notification of privacy policy changes). We will also keep prior versions of this Privacy Policy in an archive for your review.

Specific product practices

The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

- [Chrome and Chrome OS](#)
- [Play Books](#)
- [Payments](#)
- [Fiber](#)
- [Project Fi](#)
- [G Suite for Education](#)
- [YouTube Kids](#)
- [Google Accounts Managed with Family Link](#)

For more information about some of our most popular services, you can visit the [Google Product Privacy Guide](#).

Other useful privacy and security related materials

Further useful privacy and security related materials can be found through Google's policies and principles pages, including:

- Information about our [technologies and principles](#), which includes, among other things, more information on
 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - how we [recognize patterns like faces](#).
- A [page](#) that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- The [Privacy Checkup](#) tool, which makes it easy to review your key privacy settings.
- Google's [safety center](#), which provides information on how to stay safe and secure online.

Privacy Policy

Last modified: December 18, 2017 ([view archived versions](#)) (The hyperlinked examples are available at the end of this document.)

There are many different ways you can use our services – to search for and share information, to communicate with other people or to create new content. When you share information with us, for example by creating a [Google Account](#), we can make those services even better – to show you **more relevant search results** and ads, to help you **connect with people** or to make **sharing with others quicker and easier**. As you use our services, we want you to be clear how we're using information and the ways in which you can protect your privacy.

Our Privacy Policy explains:

- What information we collect and why we collect it.
- How we use that information.
- The choices we offer, including how to access and update information.

We've tried to keep it as simple as possible, but if you're not familiar with terms like cookies, IP addresses, pixel tags and browsers, then read about these [key terms](#) first. Your privacy matters to Google so whether you are new to Google or a long-time user, please do take the time to get to know our practices – and if you have any questions [contact us](#).

Information we collect

We collect information to provide better services to all of our users – from figuring out basic stuff like which language you speak, to more complex things like which **ads you'll find most useful, the people who matter most to you online**, or which YouTube videos you might like.

We collect information in the following ways:

- **Information you give us.** For example, many of our services require you to sign up for a Google Account. When you do, we'll ask for [personal information](#), like your name, email address, telephone number or [credit card](#) to store with your account. If you want to take full advantage of the sharing features we offer, we might also ask you to create a publicly visible [Google Profile](#), which may include your name and photo.
- **Information we get from your use of our services.** We [collect information](#) about the services that you use and how you use them, like when you watch a video on YouTube, visit a website that uses our advertising services, or [view and interact with our ads](#) and content. This information includes:

- **Device information**

We collect **device-specific information** (such as your hardware model, operating system version, [unique device identifiers](#), and mobile network information including phone number). Google may associate your **device identifiers** or **phone number** with your Google Account.

- **Log information**

When you use our services or view content provided by Google, we automatically collect and store certain information in [server logs](#). This includes:

- details of how you used our service, such as your search queries.
 - telephony log information like your phone number, calling-party number, forwarding numbers, time and date of calls, duration of calls, SMS routing information and types of calls.
 - [Internet protocol address](#).
 - device event information such as crashes, system activity, hardware settings, browser type, browser language, the date and time of your request and referral URL.
 - cookies that may uniquely identify your browser or your Google Account.

- **Location information**

When you use Google services, we **may collect and process information about your actual location**. We use various technologies to determine location, including IP address, GPS, and other sensors that may, for example, provide Google with information on nearby devices, **Wi-Fi access points and cell towers**.

- **Unique application numbers**

Certain services include a unique application number. This number and information about your installation (for example, the operating system type and application version number) may be sent to Google when you install or uninstall that service or when that service periodically contacts our servers, such as for automatic updates.

- **Local storage**

We may collect and store information (including personal information) locally on your device using mechanisms such as [browser web storage](#) (including HTML 5) and [application data caches](#).

- **Cookies and similar technologies**

We and our partners use various technologies to collect and store information when you visit a Google service, and this may include using cookies or similar technologies to identify your browser or device. We also use these technologies to collect and store information when you interact with services we offer to our partners, such as **advertising services** or Google features that may appear on other sites. Our Google Analytics product helps businesses and site owners analyze the traffic to their websites and apps. When used in conjunction with our advertising services, such as those using the DoubleClick cookie, Google Analytics information is **linked, by the Google Analytics customer or by Google, using Google technology, with information about visits to multiple sites.**

Information we collect when you are signed in to Google, in addition to information we obtain about you from partners, may be associated with your Google Account. When information is associated with your Google Account, we treat it as personal information. For more information about how you can access, manage or delete information that is associated with your Google Account, visit the Transparency and choice section of this policy.

How we use information we collect

We use the information we collect from all of our services to **provide, maintain, protect** and improve them, to **develop new ones**, and to **protect Google and our users**. We also use this information to offer you tailored content – like giving you more relevant search results and ads.

We may use the name you provide for your Google Profile across all of the services we offer that require a Google Account. In addition, we may replace past names associated with your Google Account so that you are represented consistently across all our services. If other users already have your email, or other information that identifies you, we may show them your publicly visible Google Profile information, such as your name and photo.

If you have a Google Account, we may display your Profile name, Profile photo, and actions you take on Google or on third-party applications connected to your Google Account (such as +1's, reviews you write and comments you post) in our services, including displaying in ads and other commercial contexts. We will respect the choices you make to **limit sharing or visibility settings** in your Google Account.

When you contact Google, we keep a record of your communication to help solve any issues you might be facing. We may use your email address to inform you about our services, such as letting you know about upcoming changes or improvements.

We use information collected from cookies and other technologies, like pixel tags, to **improve your user experience** and the overall quality of our services. One of the products we use to do this on our own services is Google Analytics. For example, by saving your language preferences, we'll be able to have our services appear in the language you prefer. When showing you tailored ads, we will not associate an identifier from cookies or similar technologies with sensitive categories, such as those based on race, religion, sexual orientation or health.

Our automated systems analyze your content (including emails) to provide you personally relevant product features, such as customized search results, tailored advertising, and spam and malware detection.

We may **combine personal information from one service with information, including personal information, from other Google services** – for example to **make it easier to share things with people you know**. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

We will ask for your consent before using information for a purpose other than those that are set out in this Privacy Policy.

Google processes personal information on our servers in many countries around the world. We may process your personal information on a server located outside the country where you live.

Transparency and choice

People have different privacy concerns. Our goal is to be clear about what information we collect, so that you can make meaningful choices about how it is used. For example, you can:

- Review and update your Google activity controls to decide what types of data, such as videos you've watched on YouTube or past searches, you would like saved with your account when you use Google services. You can also visit these controls to manage whether certain activity is stored in a cookie or similar technology on your device when you use our services while signed-out of your account.
- Review and control certain types of information tied to your Google Account by using Google Dashboard.
- View and edit your preferences about the Google ads shown to you on Google and across the web, such as which categories might interest you, using Ads Settings. You can also visit that page to opt out of certain Google advertising services.
- Adjust how the Profile associated with your Google Account appears to others.
- Control who you share information with through your Google Account.
- Take information associated with your Google Account out of many of our services.
- Choose whether your Profile name and Profile photo appear in shared endorsements that appear in ads.

You may also set your browser to block all cookies, including cookies associated with our services, or to indicate when a cookie is being set by us. However, it's important to remember that many of our services **may not function properly** if your cookies are disabled. For example, we may not remember your language preferences.

Information you share

Many of our services let you share information with others. Remember that when you share information publicly, it may be indexable by search engines, including Google. Our services provide you with different options on **sharing** and **removing your content**.

Accessing and updating your personal information

Whenever you use our services, we aim to provide you with **access to your personal information**. If that information is wrong, we strive to give you ways to update it quickly or to delete it – unless we have to keep that information for legitimate business or legal purposes.

We aim to maintain our services in a manner that protects information from accidental or malicious destruction. Because of this, after you delete information from our services, we may not immediately delete residual copies from our active servers and may not remove information from our backup systems.

Information we share

We do not share personal information with companies, organizations and individuals outside of Google unless one of the following circumstances applies:

- **With your consent**

We will share personal information with companies, organizations or individuals outside of Google when we have your consent to do so. We require opt-in consent for the sharing of any sensitive personal information.

- **With domain administrators**

If your Google Account is managed for you by a domain administrator (for example, for G Suite users) then your domain administrator and resellers who provide user support to your organization will have access to your Google Account information (including your email and other data). Your domain administrator may be able to:

- view statistics regarding your account, like statistics regarding applications you install.
- change your account password.
- suspend or terminate your account access.
- access or retain information stored as part of your account.
- receive your account information in order to satisfy applicable law, regulation, **legal process or enforceable governmental request**.
- restrict your ability to delete or edit information or privacy settings.

Please refer to your domain administrator's privacy policy for more information.

- **For external processing**

We provide personal information to our affiliates or other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

- **For legal reasons**

We will share personal information with companies, organizations or individuals outside of Google if we have a good-faith belief that access, use, preservation or disclosure of the information is reasonably necessary to:

- meet any applicable law, regulation, **legal process or enforceable governmental request**.
- enforce applicable Terms of Service, including investigation of potential violations.
- detect, prevent, or otherwise address fraud, security or technical issues.
- protect against harm to the rights, property or safety of Google, our users or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners – like publishers, advertisers or connected sites. For example, we may share information publicly **to show trends** about the general use of our services.

If Google is involved in a merger, acquisition or asset sale, we will continue to ensure the confidentiality of any personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

Information security

We work hard to protect Google and our users from unauthorized access to or unauthorized alteration, disclosure or destruction of information we hold. In particular:

- We encrypt many of our services using SSL.
- We offer you two step verification when you access your Google Account, and a Safe Browsing feature in Google Chrome.
- We review our information collection, storage and processing practices, including physical security measures, to guard against unauthorized access to systems.
- We restrict access to personal information to Google employees, contractors and agents who need to know that information in order to process it for us, and who are subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.

When this Privacy Policy applies

Our Privacy Policy applies to all of the services offered by Google LLC and its affiliates, including YouTube, services Google provides on Android devices, and services offered on other sites (such as our advertising services), but excludes services that have separate privacy policies that do not incorporate this Privacy Policy.

Our Privacy Policy does not apply to services offered by other companies or individuals, including products or sites that may be displayed to you in search results, sites that may include Google services, or other sites linked from our services. Our Privacy Policy does not cover the information practices of other companies and organizations who advertise our services, and who may use cookies, pixel tags and other technologies to serve and offer relevant ads.

Compliance and cooperation with regulatory authorities

We regularly review our compliance with our Privacy Policy. We also adhere to several self regulatory frameworks, including the EU-US and Swiss-US Privacy Shield Frameworks. When we receive formal written complaints, we will contact the person who made the complaint to follow up. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of personal data that we cannot resolve with our users directly.

Changes

Our Privacy Policy may change from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We will post any privacy policy changes on this page and, if the changes are significant, we will provide a more prominent notice (including, for certain services, email notification of privacy policy changes). We will also keep prior versions of this Privacy Policy in an archive for your review.

Specific product practices

The following notices explain specific privacy practices with respect to certain Google products and services that you may use:

- [Chrome and Chrome OS](#)
- [Play Books](#)
- [Payments](#)
- [Fiber](#)
- [Project Fi](#)
- [G Suite for Education](#)
- [YouTube Kids](#)
- [Google Accounts Managed with Family Link](#)

For more information about some of our most popular services, you can visit the [Google Product Privacy Guide](#).

Other useful privacy and security related materials

Further useful privacy and security related materials can be found through Google's policies and principles pages, including:

- Information about our [technologies and principles](#), which includes, among other things, more information on
 - [how Google uses cookies](#).
 - technologies we use for [advertising](#).
 - how we [recognize patterns like faces](#).
- A [page](#) that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
- The [Privacy Checkup](#) tool, which makes it easy to review your key privacy settings.
- Google's [safety center](#), which provides information on how to stay safe and secure online.

When you use our services, you're trusting us with your information. We understand this is a big responsibility and work hard to protect your information and put you in control.

This Privacy Policy is meant to help you understand what information we collect, why we collect it, and how you can update, manage, export, and delete your information.

Effective May 25, 2018

[Archived versions](#)

We build a range of services that help millions of people daily to explore and interact with the world in new ways. Our services include:

- Google apps, sites, and devices, like Search, YouTube, and Google Home
- Platforms like the Chrome browser and Android operating system
- Products that are integrated into third-party apps and sites, like ads and embedded Google Maps

You can use our services in a variety of ways to manage your privacy. For example, you can sign up for a Google Account if you want to create and manage content like emails and photos, or see more relevant search results. And you can use many Google services when you're signed out or without creating an account at all, like searching on Google or watching YouTube videos. You can also choose to browse the web privately using Chrome in Incognito mode. And across our services, you can adjust your privacy settings to control what we collect and how your information is used.

To help explain things as clearly as possible, we've added examples, explanatory videos, and definitions for [key terms](#). And if you have any questions about this Privacy Policy, you can [contact us](#).

INFORMATION GOOGLE COLLECTS

We want you to understand the types of information we collect as you use our services

We collect information to provide better services to all our users — from figuring out basic stuff like which language you speak, to more complex things like which ads you'll find most useful, the people who matter most to you online, or which YouTube videos you might like. The information Google collects, and how that information is used, depends on how you use our services and how you manage your privacy controls.

When you're not signed in to a Google Account, we store the information we collect with unique identifiers tied to the browser, application, or device you're using. This helps us do things like maintain your language preferences across browsing sessions.

When you're signed in, we also collect information that we store with your Google Account, which we treat as personal information.

Things you create or provide to us

When you create a Google Account, you provide us with personal information that includes your name and a password. You can also choose to add a phone number or payment information to your account. Even if you aren't signed in to a Google Account, you might choose to provide us with information — like an email address to receive updates about our services.

We also collect the content you create, upload, or receive from others when using our services. This includes things like email you write and receive, photos and videos you save, docs and spreadsheets you create, and comments you make on YouTube videos.

Information we collect as you use our services

Your apps, browsers & devices

We collect information about the apps, browsers, and devices you use to access Google services, which helps us provide features like automatic product updates and dimming your screen if your battery runs low.

The information we collect includes unique identifiers, browser type and settings, device type and settings, operating system, mobile network information including carrier name and phone number, and application version number. We also collect information about the interaction of your apps, browsers, and devices with our services, including IP address, crash reports, system activity, and the date, time, and referrer URL of your request.

We collect this information when a Google service on your device contacts our servers — for example, when you install an app from the Play Store or when a service checks for automatic updates. If you're using an Android device with Google apps, your device periodically contacts Google servers to provide information about your device and connection to our services. This information includes things like your device type, carrier name, crash reports, and which apps you've installed.

Your activity

We collect information about your activity in our services, which we use to do things like recommend a YouTube video you might like. The activity information we collect may include:

- Terms you search for
- Videos you watch
- Views and interactions with content and ads
- Voice and audio information when you use audio features
- Purchase activity
- People with whom you communicate or share content
- Activity on third-party sites and apps that use our services
- Chrome browsing history you've synced with your Google Account

If you use our services to make and receive calls or send and receive messages, we may collect telephony log information like your phone number, calling-party number, receiving-party number, forwarding numbers, time and date of calls and messages, duration of calls, routing information, and types of calls.

You can visit your Google Account to find and manage activity information that's saved in your account.



[Go to Google Account](#)

Your location information

We collect information about your location when you use our services, which helps us offer features like driving directions for your weekend getaway or showtimes for movies playing near you.

Your location can be determined with varying degrees of accuracy by:

- GPS
- IP address
- Sensor data from your device
- Information about things near your device, such as Wi-Fi access points, cell towers, and Bluetooth-enabled devices

The types of location data we collect depend in part on your device and account settings. For example, you can [turn your Android device's location on or off](#) using the device's settings app. You can also turn on [Location History](#) if you want to save and manage your location information in your account.

In some circumstances, Google also collects information about you from [publicly accessible sources](#). For example, if your name appears in your local newspaper, Google's Search engine may index that article and display it to other people if they search for your name. We may also collect information about you from trusted partners, including marketing partners who provide us with information about potential customers of our business services, and security partners who provide us with information to [protect against abuse](#). We also receive information from advertisers to provide [advertising and research services on their behalf](#).

We use various technologies to collect and store information, including [cookies](#), [pixel tags](#), local storage, such as [browser web storage](#) or [application data caches](#), databases, and [server logs](#).

WHY GOOGLE COLLECTS DATA

We use data to build better services

We use the information we collect from all our services for the following purposes:

Provide our services

We use your information to deliver our services, like processing the terms you search for in order to return results or helping you share content by suggesting recipients from your contacts.

Maintain & improve our services

We also use your information to ensure our services are working as intended, such as tracking outages or troubleshooting issues that you report to us. And we use your information to make improvements to our services — for example, understanding which search terms are most frequently misspelled helps us improve spell-check features used across our services.

Develop new services

We use the information we collect in existing services to help us develop new ones. For example, understanding how people organized their photos in Picasa, Google's first photos app, helped us design and launch Google Photos.

Provide personalized services, including content and ads

We use the information we collect to customize our services for you, including providing recommendations, personalized content, and customized search results. For example, [Security Checkup](#) provides security tips adapted to how you use Google products. And Google Play uses information like apps you've already installed and videos you've watched on YouTube to suggest new apps you might like.

Depending on your settings, we may also show you personalized ads based on your interests. For example, if you search for "mountain bikes," you may see an ad for sports equipment when you're browsing a site that shows ads served by Google. You can control what information we use to show you ads by visiting your ad settings.

- We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.
 - We don't share information that personally identifies you with advertisers, such as your name or email, unless you ask us to. For example, if you see an ad for a nearby flower shop and select the "tap to call" button, we'll connect your call and may share your phone number with the flower shop.
-



[Go to Ad Settings](#)

Measure performance

We use data for analytics and measurement to understand how our services are used. For example, we analyze data about your visits to our sites to do things like optimize product design. And we also use data about the ads you interact with to help advertisers understand the performance of their ad campaigns. We use a variety of tools to do this, including Google Analytics. When you visit sites that use Google Analytics, Google and a Google Analytics customer may link information about your activity from that site with activity from other sites that use our ad services.

Communicate with you

We use information we collect, like your email address, to interact with you directly. For example, we may send you a notification if we detect suspicious activity, like an attempt to sign in to your Google Account from an unusual location. Or we may let you know about upcoming changes or improvements to our services. And if you contact Google, we'll keep a record of your request in order to help solve any issues you might be facing.

Protect Google, our users, and the public

We use information to help improve the safety and reliability of our services. This includes detecting, preventing, and responding to fraud, abuse, security risks, and technical issues that could harm Google, our users, or the public.

We use different technologies to process your information for these purposes. We use automated systems that analyze your content to provide you with things like customized search results, personalized ads, or other features tailored to how you use our services. And we analyze your content to help us detect abuse such as spam, malware, and illegal content. We also use algorithms to recognize patterns in data. For example, Google Translate helps people communicate across languages by detecting common language patterns in phrases you ask it to translate.

We may combine the information we collect among our services and across your devices for the purposes described above. For example, if you watch videos of guitar players on YouTube, you might see an ad for guitar lessons on a site that uses our ad products. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

If other users already have your email address or other information that identifies you, we may show them your publicly visible Google Account information, such as your name and photo. This helps people identify an email coming from you, for example.

We'll ask for your consent before using your information for a purpose that isn't covered in this Privacy Policy.

YOUR PRIVACY CONTROLS

You have choices regarding the information we collect and how it's used

This section describes key controls for managing your privacy across our services. You can also visit the [Privacy Checkup](#), which provides an opportunity to review and adjust important privacy settings. In addition to these tools, we also offer specific privacy settings in our products — you can learn more in our [Product Privacy Guide](#).



[Go to Privacy Checkup](#)

Managing, reviewing, and updating your information

When you're signed in, you can always review and update information by visiting the services you use. For example, Photos and Drive are both designed to help you manage specific types of content you've saved with Google.

We also built a place for you to review and control information saved in your Google Account.

Your [Google Account](#) includes:

Privacy controls



Activity Controls

Decide what types of activity you'd like saved in your account. For example, you can turn on Location History if you want traffic predictions for your daily commute, or you can save your YouTube Watch History to get better video suggestions.

[Go to Activity Controls](#)



Ad settings

Manage your preferences about the ads shown to you on Google and on sites and apps that [partner with Google](#) to show ads. You can modify your interests, choose whether your personal information is used to make ads more relevant to you, and turn on or off certain advertising services.

[Go to Ad Settings](#)



About you

Control what others see about you across Google services.

[Go to About You](#)



Shared endorsements

Choose whether your name and photo appear next to your activity, like reviews and recommendations, that appear in ads.

[Go to Shared Endorsements](#)

Information you share



Control whom you share information with through your account on Google+.

[Go to Information You Share](#)

Ways to review & update your information



My Activity

My Activity allows you to review and control data that's created when you use Google services, like searches you've done or your visits to Google Play. You can browse by date and by topic, and delete part or all of your activity.

[Go to My Activity](#)



Google Dashboard

Google Dashboard allows you to manage information associated with specific products.

[Go to Dashboard](#)



Your personal information

Manage your contact information, such as your name, email, and phone number.

[Go to Personal Info](#)

When you're signed out, you can manage information associated with your browser or device, including:

- Signed-out search personalization: [Choose](#) whether your search activity is used to offer you more relevant results and recommendations.
- YouTube settings: Pause and delete your [YouTube Search History](#) and your [YouTube Watch History](#).
- Ad Settings: [Manage](#) your preferences about the ads shown to you on Google and on sites and apps that partner with Google to show ads.

Exporting, removing & deleting your information

You can [export a copy of content in your Google Account](#) if you want to back it up or use it with a service outside of Google.



[Export your data](#)

You can also [request to remove content](#) from specific Google services based on applicable law.

To delete your information, you can:

- Delete your content from [specific Google services](#)
- Search for and then delete specific items from your account using [My Activity](#)
- [Delete specific Google products](#), including your information associated with those products
- [Delete your entire Google Account](#)



[Delete your information](#)

And finally, [Inactive Account Manager](#) allows you to give someone else access to parts of your Google Account in case you're unexpectedly unable to use your account.

There are other ways to control the information Google collects whether or not you're signed in to a Google Account, including:

- Browser settings: For example, you can configure your browser to indicate when Google has set a [cookie](#) in your browser. You can also configure your browser to block all cookies from a specific domain or all domains. But remember that our services [rely on cookies to function properly](#), for things like remembering your language preferences.

- Device-level settings: Your device may have controls that determine what information we collect. For example, you can [modify location settings](#) on your Android device.
-

SHARING YOUR INFORMATION

When you share your information

Many of our services let you share information with other people, and you have control over how you share. For example, you can share videos on YouTube publicly or you can decide to keep your videos private. Remember, when you share information publicly, your content may become accessible through search engines, including Google Search.

When you're signed in and interact with some Google services, like leaving comments on a YouTube video or reviewing a song in Play, your name and photo appear next to your activity. We may also display this information in [ads depending on your Shared endorsements setting](#).

When Google shares your information

We do not share your personal information with companies, organizations, or individuals outside of Google except in the following cases:

With your consent

We'll share personal information outside of Google when we have your consent. For example, if you [use Google Home to request a ride](#) from a ride-sharing service, we'll get your permission before sharing your address with that service. We'll ask for your explicit consent to share any [sensitive personal information](#).

With domain administrators

If you're a student or work for an organization that uses Google services (like G Suite), your [domain administrator](#) and resellers who manage your account will have access to your Google Account. They may be able to:

- Access and retain information stored in your account, like your email
- View statistics regarding your account, like how many apps you install
- Change your account password
- Suspend or terminate your account access
- Receive your account information in order to satisfy applicable law, regulation, legal process, or enforceable governmental request
- Restrict your ability to delete or edit your information or your privacy settings

For external processing

We provide personal information to our affiliates and other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures. For example, we use service providers to help us with customer support.

For legal reasons

We will share personal information outside of Google if we have a good-faith belief that access, use, preservation, or disclosure of the information is reasonably necessary to:

- Meet any applicable law, regulation, legal process, or enforceable governmental request. We share information about the number and type of requests we receive from governments in our [Transparency Report](#).
- Enforce applicable Terms of Service, including investigation of potential violations.
- Detect, prevent, or otherwise address fraud, security, or technical issues.
- Protect against harm to the rights, property or safety of Google, our users, or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners — like publishers, advertisers, developers, or rights holders. For example, we share information publicly to show trends about the general use of our services. We also allow specific partners to collect information from

your browser or device for advertising and measurement purposes using their own cookies or similar technologies.

If Google is involved in a merger, acquisition, or sale of assets, we'll continue to ensure the confidentiality of your personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

KEEPING YOUR INFORMATION SECURE

We build security into our services to protect your information

All Google products are built with strong security features that continuously protect your information. The insights we gain from maintaining our services help us detect and automatically block security threats from ever reaching you. And if we do detect something risky that we think you should know about, we'll notify you and help guide you through steps to stay better protected.

We work hard to protect you and Google from unauthorized access, alteration, disclosure, or destruction of information we hold, including:

- We use encryption to keep your data private while in transit
 - We offer a range of security features, like [Safe Browsing](#), Security Checkup, and [2 Step Verification](#) to help you protect your account
 - We review our information collection, storage, and processing practices, including physical security measures, to prevent unauthorized access to our systems
 - We restrict access to personal information to Google employees, contractors, and agents who need that information in order to process it. Anyone with this access is subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.
-

EXPORTING & DELETING YOUR INFORMATION

You can export a copy of your information or delete it from your Google Account at any time

You can [export a copy of content in your Google Account](#) if you want to back it up or use it with a service outside of Google.



[Export your data](#)

To delete your information, you can:

- Delete your content from [specific Google services](#)
 - Search for and then delete specific items from your account using [My Activity](#)
 - Delete specific Google products, including your information associated with those products
 - Delete your entire Google Account
-



[Delete your information](#)

In some cases, we retain data for limited periods when it needs to be kept for legitimate business or legal purposes. You can read about Google's [data retention periods](#), including how long it takes us to delete your information.

We try to ensure that our services protect information from accidental or malicious deletion. Because of this, there may be delays between when you delete something and when copies are deleted from our active and backup systems.

COMPLIANCE & COOPERATION WITH REGULATORS

We regularly review this Privacy Policy and make sure that we process your information in ways that comply with it.

Data transfers

We maintain servers around the world and your information may be processed on servers located outside of the country where you live. Data protection laws vary among countries, with some providing more protection than others. Regardless of where your information is processed, we apply the same protections described in this policy. We also comply with certain [legal frameworks](#) relating to the transfer of data, such as the EU-US and Swiss-US Privacy Shield Frameworks.

When we receive formal written complaints, we respond by contacting the person who made the complaint. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of your data that we cannot resolve with you directly.

ABOUT THIS POLICY

When this policy applies

This Privacy Policy applies to all of the services offered by Google LLC and its affiliates, including YouTube, Android, and services offered on third-party sites, such as advertising services. This Privacy Policy doesn't apply to services that have separate privacy policies that do not incorporate this Privacy Policy.

This Privacy Policy doesn't apply to:

- The information practices of other companies and organizations that advertise our services
- Services offered by other companies or individuals, including products or sites that may include Google services, be displayed to you in search results, or be linked from our services

Changes to this policy

We change this Privacy Policy from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We always indicate the date the last changes were published and we offer access to [archived versions](#) for your review. If changes are significant, we'll provide a more prominent notice (including, for certain services, email notification of Privacy Policy changes).

RELATED PRIVACY PRACTICES

Specific Google services

The following privacy notices provide additional information about some Google services:

- [Chrome & the Chrome Operating System](#)
- [Play Books](#)
- [Payments](#)
- [Fiber](#)
- [Project Fi](#)
- [G Suite for Education](#)
- [YouTube Kids](#)
- [Google Accounts Managed with Family Link](#)

Other useful resources

The following links highlight useful resources for you to learn more about our practices and privacy settings.

- [Your Google Account](#) is home to many of the settings you can use to manage your account
- [Privacy Checkup](#) guides you through key privacy settings for your Google Account
- [Google's safety center](#) offers advice for staying safe & secure
- [Google's privacy site](#) provides more information about how we keep your information private and safe
- [Privacy & Terms](#) provides more context regarding this Privacy Policy and our Terms of Service
- [Technologies and Principles](#) includes more information about:
 - [How Google uses cookies](#)
 - [Technologies used for Advertising](#)

- [How Google uses pattern recognition](#) to recognize things like faces in photos
 - A page that explains what data is shared with Google when you visit websites that use our advertising, analytics and social products.
 - [How Google uses data when you use our partners' sites or apps](#)
-

When you use our services, you're trusting us with your information. We understand this is a big responsibility and work hard to protect your information and put you in control.

This Privacy Policy is meant to help you understand what information we collect, why we collect it, and how you can update, manage, export, and delete your information.

Effective January 22, 2019

[Archived versions](#)

We build a range of services that help millions of people daily to explore and interact with the world in new ways. Our services include:

- Google apps, sites, and devices, like Search, YouTube, and Google Home
- Platforms like the Chrome browser and Android operating system
- Products that are integrated into third-party apps and sites, like ads and embedded Google Maps

You can use our services in a variety of ways to manage your privacy. For example, you can sign up for a Google Account if you want to create and manage content like emails and photos, or see more relevant search results. And you can use many Google services when you're signed out or without creating an account at all, like searching on Google or watching YouTube videos. You can also choose to browse the web privately using Chrome in Incognito mode. And across our services, you can adjust your privacy settings to control what we collect and how your information is used.

To help explain things as clearly as possible, we've added examples, explanatory videos, and definitions for [key terms](#). And if you have any questions about this Privacy Policy, you can [contact us](#).

INFORMATION GOOGLE COLLECTS

We want you to understand the types of information we collect as you use our services

We collect information to provide better services to all our users — from figuring out basic stuff like which language you speak, to more complex things like which ads you'll find most useful, the people who matter most to you online, or which YouTube videos you might like. The information Google collects, and how that information is used, depends on how you use our services and how you manage your privacy controls.

When you're not signed in to a Google Account, we store the information we collect with unique identifiers tied to the browser, application, or device you're using. This helps us do things like maintain your language preferences across browsing sessions.

When you're signed in, we also collect information that we store with your Google Account, which we treat as personal information.

Things you create or provide to us

When you create a Google Account, you provide us with personal information that includes your name and a password. You can also choose to add a phone number or payment information to your account. Even if you aren't signed in to a Google Account, you might choose to provide us with information — like an email address to receive updates about our services.

We also collect the content you create, upload, or receive from others when using our services. This includes things like email you write and receive, photos and videos you save, docs and spreadsheets you create, and comments you make on YouTube videos.

Information we collect as you use our services

Your apps, browsers & devices

We collect information about the apps, browsers, and devices you use to access Google services, which helps us provide features like automatic product updates and dimming your screen if your battery runs low.

The information we collect includes unique identifiers, browser type and settings, device type and settings, operating system, mobile network information including carrier name and phone number, and application version number. We also collect information about the interaction of your apps, browsers, and devices with our services, including IP address, crash reports, system activity, and the date, time, and referrer URL of your request.

We collect this information when a Google service on your device contacts our servers — for example, when you install an app from the Play Store or when a service checks for automatic updates. If you're using an Android device with Google apps, your device periodically contacts Google servers to provide information about your device and connection to our services. This information includes things like your device type, carrier name, crash reports, and which apps you've installed.

Your activity

We collect information about your activity in our services, which we use to do things like recommend a YouTube video you might like. The activity information we collect may include:

- Terms you search for
- Videos you watch
- Views and interactions with content and ads
- Voice and audio information when you use audio features
- Purchase activity
- People with whom you communicate or share content
- Activity on third-party sites and apps that use our services
- Chrome browsing history you've synced with your Google Account

If you use our services to make and receive calls or send and receive messages, we may collect telephony log information like your phone number, calling-party number, receiving-party number, forwarding numbers, time and date of calls and messages, duration of calls, routing information, and types of calls.

You can visit your Google Account to find and manage activity information that's saved in your account.



[Go to Google Account](#)

Your location information

We collect information about your location when you use our services, which helps us offer features like driving directions for your weekend getaway or showtimes for movies playing near you.

Your location can be determined with varying degrees of accuracy by:

- GPS
- IP address
- Sensor data from your device
- Information about things near your device, such as Wi-Fi access points, cell towers, and Bluetooth-enabled devices

The types of location data we collect depend in part on your device and account settings. For example, you can [turn your Android device's location on or off](#) using the device's settings app. You can also turn on [Location History](#) if you want to create a private map of where you go with your signed-in devices.

In some circumstances, Google also collects information about you from [publicly accessible sources](#). For example, if your name appears in your local newspaper, Google's Search engine may index that article and display it to other people if they search for your name. We may also collect information about you from trusted partners, including marketing partners who provide us with information about potential customers of our business services, and security partners who provide us with information to [protect against abuse](#). We also receive information from advertisers to provide [advertising and research services on their behalf](#).

We use various technologies to collect and store information, including [cookies](#), [pixel tags](#), local storage, such as [browser web storage](#) or [application data caches](#), databases, and [server logs](#).

WHY GOOGLE COLLECTS DATA

We use data to build better services

We use the information we collect from all our services for the following purposes:

Provide our services

We use your information to deliver our services, like processing the terms you search for in order to return results or helping you share content by suggesting recipients from your contacts.

Maintain & improve our services

We also use your information to ensure our services are working as intended, such as tracking outages or troubleshooting issues that you report to us. And we use your information to make improvements to our services — for example, understanding which search terms are most frequently misspelled helps us improve spell-check features used across our services.

Develop new services

We use the information we collect in existing services to help us develop new ones. For example, understanding how people organized their photos in Picasa, Google's first photos app, helped us design and launch Google Photos.

Provide personalized services, including content and ads

We use the information we collect to customize our services for you, including providing recommendations, personalized content, and customized search results. For example, [Security Checkup](#) provides security tips adapted to how you use Google products. And Google Play uses information like apps you've already installed and videos you've watched on YouTube to suggest new apps you might like.

Depending on your settings, we may also show you personalized ads based on your interests. For example, if you search for "mountain bikes," you may see an ad for sports equipment when you're browsing a site that shows ads served by Google. You can control what information we use to show you ads by visiting your ad settings.

- We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.
 - We don't share information that personally identifies you with advertisers, such as your name or email, unless you ask us to. For example, if you see an ad for a nearby flower shop and select the "tap to call" button, we'll connect your call and may share your phone number with the flower shop.
-



[Go to Ad Settings](#)

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Communicate with you

We use information we collect, like your email address, to interact with you directly. For example, we may send you a notification if we detect suspicious activity, like an attempt to sign in to your Google Account from an unusual location. Or we may let you know about upcoming changes or improvements to our services. And if you contact Google, we'll keep a record of your request in order to help solve any issues you might be facing.

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If other users already have your email address or other information that identifies you, we may show them your publicly visible Google Account information, such as your name and photo. This helps people identify an email coming from you, for example.

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Manage your preferences about the ads shown to you on Google and on sites and apps that [partner with Google](#) to show ads. You can modify your interests, choose whether your personal information is used to make ads more relevant to you, and turn on or off certain advertising services.

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Control whom you share information with through your account on Google+.

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My Activity allows you to review and control data that's created when you use Google services, like searches you've done or your visits to Google Play. You can browse by date and by topic, and delete part or all of your activity.

[Go to My Activity](#)



Google Dashboard

Google Dashboard allows you to manage information associated with specific products.

[Go to Dashboard](#)



Your personal information

Manage your contact information, such as your name, email, and phone number.

[Go to Personal Info](#)

When you're signed out, you can manage information associated with your browser or device, including:

- Signed-out search personalization: [Choose](#) whether your search activity is used to offer you more relevant results and recommendations.
- YouTube settings: Pause and delete your [YouTube Search History](#) and your [YouTube Watch History](#).
- Ad Settings: [Manage](#) your preferences about the ads shown to you on Google and on sites and apps that partner with Google to show ads.

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You can also [request to remove content](#) from specific Google services based on applicable law.

To delete your information, you can:

- Delete your content from [specific Google services](#)
 - Search for and then delete specific items from your account using [My Activity](#)
 - [Delete specific Google products](#), including your information associated with those products
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[Delete your information](#)

And finally, [Inactive Account Manager](#) allows you to give someone else access to parts of your Google Account in case you're unexpectedly unable to use your account.

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- Browser settings: For example, you can configure your browser to indicate when Google has set a [cookie](#) in your browser. You can also configure your browser to block all cookies from a specific domain or all domains. But remember that our services [rely on cookies to function properly](#), for things like remembering your language preferences.
 - Device-level settings: Your device may have controls that determine what information we collect. For example, you can [modify location settings](#) on your Android device.
-

When you share your information

Many of our services let you share information with other people, and you have control over how you share. For example, you can share videos on YouTube publicly or you can decide to keep your videos private. Remember, when you share information publicly, your content may become accessible through search engines, including Google Search.

When you're signed in and interact with some Google services, like leaving comments on a YouTube video or reviewing a song in Play, your name and photo appear next to your activity. We may also display this information in [ads depending on your Shared endorsements setting](#).

When Google shares your information

We do not share your personal information with companies, organizations, or individuals outside of Google except in the following cases:

With your consent

We'll share personal information outside of Google when we have your consent. For example, if you [use Google Home to make a reservation](#) through a booking service, we'll get your permission before sharing your name or phone number with the restaurant. We'll ask for your explicit consent to share any [sensitive personal information](#).

With domain administrators

If you're a student or work for an organization that uses Google services (like G Suite), your [domain administrator](#) and resellers who manage your account will have access to your Google Account. They may be able to:

- Access and retain information stored in your account, like your email
- View statistics regarding your account, like how many apps you install
- Change your account password

- Suspend or terminate your account access
- Receive your account information in order to satisfy applicable law, regulation, legal process, or enforceable governmental request
- Restrict your ability to delete or edit your information or your privacy settings

For external processing

We provide personal information to our [affiliates](#) and other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures. For example, we use service providers to help us with customer support.

For legal reasons

We will share personal information outside of Google if we have a good-faith belief that access, use, preservation, or disclosure of the information is reasonably necessary to:

- Meet any applicable law, regulation, [legal process](#), or [enforceable governmental request](#). We share information about the number and type of requests we receive from governments in our [Transparency Report](#).
- Enforce applicable Terms of Service, including investigation of potential violations.
- Detect, prevent, or otherwise address fraud, security, or technical issues.
- Protect against harm to the rights, property or safety of Google, our users, or the public as required or permitted by law.

We may share [non-personally identifiable information](#) publicly and with our partners — like publishers, advertisers, developers, or rights holders. For example, we share information publicly to [show trends](#) about the general use of our services. We also allow [specific partners](#) to collect information from your browser or device for advertising and measurement purposes using their own cookies or similar technologies.

If Google is involved in a merger, acquisition, or sale of assets, we'll continue to ensure the confidentiality of your personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

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We work hard to protect you and Google from unauthorized access, alteration, disclosure, or destruction of information we hold, including:

- We use encryption to keep your data private while in transit
 - We offer a range of security features, like [Safe Browsing](#), Security Checkup, and [2 Step Verification](#) to help you protect your account
 - We review our information collection, storage, and processing practices, including physical security measures, to prevent unauthorized access to our systems
 - We restrict access to personal information to Google employees, contractors, and agents who need that information in order to process it. Anyone with this access is subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.
-

You can export a copy of your information or delete it from your Google Account at any time

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

To delete your information, you can:

- Delete your content from [specific Google services](#)
 - Search for and then delete specific items from your account using [My Activity](#)
 - [Delete specific Google products](#), including your information associated with those products
 - [Delete your entire Google Account](#)
-



Delete your information

In some cases, we retain data for limited periods when it needs to be kept for legitimate business or legal purposes. You can read about Google's [data retention periods](#), including how long it takes us to delete your information.

We try to ensure that our services protect information from accidental or malicious deletion. Because of this, there may be delays between when you delete something and when copies are deleted from our active and backup systems.

COMPLIANCE & COOPERATION WITH REGULATORS

We regularly review this Privacy Policy and make sure that we process your information in ways that comply with it.

Data transfers

We maintain [servers around the world](#) and your information may be processed on servers located outside of the country where you live. Data protection laws vary among countries, with some providing more protection than others. Regardless of where your information is processed, we apply the same protections described in this policy. We also comply with certain [legal frameworks](#) relating to the transfer of data, such as the EU-US and Swiss-US Privacy Shield Frameworks.

When we receive formal written complaints, we respond by contacting the person who made the complaint. We work with the appropriate regulatory authorities, including local data protection

authorities, to resolve any complaints regarding the transfer of your data that we cannot resolve with you directly.

ABOUT THIS POLICY

When this policy applies

This Privacy Policy applies to all of the services offered by Google LLC and its affiliates, including YouTube, Android, and services offered on third-party sites, such as advertising services. This Privacy Policy doesn't apply to services that have separate privacy policies that do not incorporate this Privacy Policy.

This Privacy Policy doesn't apply to:

- The information practices of other companies and organizations that advertise our services
- Services offered by other companies or individuals, including products or sites that may include Google services, be displayed to you in search results, or be linked from our services

Changes to this policy

We change this Privacy Policy from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We always indicate the date the last changes were published and we offer access to [archived versions](#) for your review. If changes are significant, we'll provide a more prominent notice (including, for certain services, email notification of Privacy Policy changes).

RELATED PRIVACY PRACTICES

Specific Google services

The following privacy notices provide additional information about some Google services:

- [Chrome & the Chrome Operating System](#)
- [Play Books](#)

- [Payments](#)
- [Fiber](#)
- [Google Fi](#)
- [G Suite for Education](#)
- [YouTube Kids](#)
- [Google Accounts Managed with Family Link, for Children under 13 \(or applicable age in your country\)](#)

Other useful resources

The following links highlight useful resources for you to learn more about our practices and privacy settings.

- [Your Google Account](#) is home to many of the settings you can use to manage your account
- [Privacy Checkup](#) guides you through key privacy settings for your Google Account
- [Google's safety center](#) helps you learn more about our built-in security, privacy controls, and tools to help set digital ground rules for your family online
- [Privacy & Terms](#) provides more context regarding this Privacy Policy and our Terms of Service
- [Technologies](#) includes more information about:
 - [How Google uses cookies](#)
 - [Technologies used for Advertising](#)
 - [How Google uses pattern recognition](#) to recognize things like faces in photos
 - [How Google uses information from sites or apps that use our services](#)

When you use our services, you're trusting us with your information. We understand this is a big responsibility and work hard to protect your information and put you in control.

This Privacy Policy is meant to help you understand what information we collect, why we collect it, and how you can update, manage, export, and delete your information.

Effective October 15, 2019

[Archived versions](#)

We build a range of services that help millions of people daily to explore and interact with the world in new ways. Our services include:

- Google apps, sites, and devices, like Search, YouTube, and Google Home
- Platforms like the Chrome browser and Android operating system
- Products that are integrated into third-party apps and sites, like ads and embedded Google Maps

You can use our services in a variety of ways to manage your privacy. For example, you can sign up for a Google Account if you want to create and manage content like emails and photos, or see more relevant search results. And you can use many Google services when you're signed out or without creating an account at all, like searching on Google or watching YouTube videos. You can also choose to browse the web privately using Chrome in Incognito mode. And across our services, you can adjust your privacy settings to control what we collect and how your information is used.

To help explain things as clearly as possible, we've added examples, explanatory videos, and definitions for [key terms](#). And if you have any questions about this Privacy Policy, you can [contact us](#).

INFORMATION GOOGLE COLLECTS

We want you to understand the types of information we collect as you use our services

We collect information to provide better services to all our users — from figuring out basic stuff like which language you speak, to more complex things like which ads you'll find most useful, the people who matter most to you online, or which YouTube videos you might like. The information Google collects, and how that information is used, depends on how you use our services and how you manage your privacy controls.

When you're not signed in to a Google Account, we store the information we collect with unique identifiers tied to the browser, application, or device you're using. This helps us do things like maintain your language preferences across browsing sessions.

When you're signed in, we also collect information that we store with your Google Account, which we treat as personal information.

Things you create or provide to us

When you create a Google Account, you provide us with personal information that includes your name and a password. You can also choose to add a phone number or payment information to your account. Even if you aren't signed in to a Google Account, you might choose to provide us with information — like an email address to receive updates about our services.

We also collect the content you create, upload, or receive from others when using our services. This includes things like email you write and receive, photos and videos you save, docs and spreadsheets you create, and comments you make on YouTube videos.

Information we collect as you use our services

Your apps, browsers & devices

We collect information about the apps, browsers, and devices you use to access Google services, which helps us provide features like automatic product updates and dimming your screen if your battery runs low.

The information we collect includes unique identifiers, browser type and settings, device type and settings, operating system, mobile network information including carrier name and phone number, and application version number. We also collect information about the interaction of your apps, browsers, and devices with our services, including IP address, crash reports, system activity, and the date, time, and referrer URL of your request.

We collect this information when a Google service on your device contacts our servers — for example, when you install an app from the Play Store or when a service checks for automatic updates. If you're using an Android device with Google apps, your device periodically contacts Google servers to provide information about your device and connection to our services. This information includes things like your device type, carrier name, crash reports, and which apps you've installed.

Your activity

We collect information about your activity in our services, which we use to do things like recommend a YouTube video you might like. The activity information we collect may include:

- Terms you search for
- Videos you watch
- Views and interactions with content and ads
- Voice and audio information when you use audio features
- Purchase activity
- People with whom you communicate or share content
- Activity on third-party sites and apps that use our services
- Chrome browsing history you've synced with your Google Account

If you use our services to make and receive calls or send and receive messages, we may collect telephony log information like your phone number, calling-party number, receiving-party number, forwarding numbers, time and date of calls and messages, duration of calls, routing information, and types of calls.

You can visit your Google Account to find and manage activity information that's saved in your account.



[Go to Google Account](#)

Your location information

We collect information about your location when you use our services, which helps us offer features like driving directions for your weekend getaway or showtimes for movies playing near you.

Your location can be determined with varying degrees of accuracy by:

- GPS
- IP address
- Sensor data from your device
- Information about things near your device, such as Wi-Fi access points, cell towers, and Bluetooth-enabled devices

The types of location data we collect depend in part on your device and account settings. For example, you can [turn your Android device's location on or off](#) using the device's settings app. You can also turn on [Location History](#) if you want to create a private map of where you go with your signed-in devices.

In some circumstances, Google also collects information about you from [publicly accessible sources](#). For example, if your name appears in your local newspaper, Google's Search engine may index that article and display it to other people if they search for your name. We may also collect information about you from trusted partners, including marketing partners who provide us with information about potential customers of our business services, and security partners who provide us with information to [protect against abuse](#). We also receive information from advertisers to provide [advertising and research services on their behalf](#).

We use various technologies to collect and store information, including [cookies](#), [pixel tags](#), local storage, such as [browser web storage](#) or [application data caches](#), databases, and [server logs](#).

WHY GOOGLE COLLECTS DATA

We use data to build better services

We use the information we collect from all our services for the following purposes:

Provide our services

We use your information to deliver our services, like processing the terms you search for in order to return results or helping you share content by suggesting recipients from your contacts.

Maintain & improve our services

We also use your information to ensure our services are working as intended, such as tracking outages or troubleshooting issues that you report to us. And we use your information to make improvements to our services — for example, understanding which search terms are most frequently misspelled helps us improve spell-check features used across our services.

Develop new services

We use the information we collect in existing services to help us develop new ones. For example, understanding how people organized their photos in Picasa, Google's first photos app, helped us design and launch Google Photos.

Provide personalized services, including content and ads

We use the information we collect to customize our services for you, including providing recommendations, personalized content, and customized search results. For example, [Security Checkup](#) provides security tips adapted to how you use Google products. And Google Play uses information like apps you've already installed and videos you've watched on YouTube to suggest new apps you might like.

Depending on your settings, we may also show you personalized ads based on your interests. For example, if you search for "mountain bikes," you may see an ad for sports equipment when you're browsing a site that shows ads served by Google. You can control what information we use to show you ads by visiting your ad settings.

- We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.
 - We don't share information that personally identifies you with advertisers, such as your name or email, unless you ask us to. For example, if you see an ad for a nearby flower shop and select the "tap to call" button, we'll connect your call and may share your phone number with the flower shop.
-



[Go to Ad Settings](#)

Measure performance

We use data for analytics and measurement to understand how our services are used. For example, we analyze data about your visits to our sites to do things like optimize product design. And we also use data about the ads you interact with to help advertisers understand the performance of their ad campaigns. We use a variety of tools to do this, including Google Analytics. When you visit sites that use Google Analytics, Google and a Google Analytics customer may link information about your activity from that site with activity from other sites that use our ad services.

Communicate with you

We use information we collect, like your email address, to interact with you directly. For example, we may send you a notification if we detect suspicious activity, like an attempt to sign in to your Google Account from an unusual location. Or we may let you know about upcoming changes or improvements to our services. And if you contact Google, we'll keep a record of your request in order to help solve any issues you might be facing.

Protect Google, our users, and the public

We use information to help improve the safety and reliability of our services. This includes detecting, preventing, and responding to fraud, abuse, security risks, and technical issues that could harm Google, our users, or the public.

We use different technologies to process your information for these purposes. We use automated systems that analyze your content to provide you with things like customized search results, personalized ads, or other features tailored to how you use our services. And we analyze your content to help us detect abuse such as spam, malware, and illegal content. We also use algorithms to recognize patterns in data. For example, Google Translate helps people communicate across languages by detecting common language patterns in phrases you ask it to translate.

We may combine the information we collect among our services and across your devices for the purposes described above. For example, if you watch videos of guitar players on YouTube, you might see an ad for guitar lessons on a site that uses our ad products. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

If other users already have your email address or other information that identifies you, we may show them your publicly visible Google Account information, such as your name and photo. This helps people identify an email coming from you, for example.

We'll ask for your consent before using your information for a purpose that isn't covered in this Privacy Policy.

YOUR PRIVACY CONTROLS

You have choices regarding the information we collect and how it's used

This section describes key controls for managing your privacy across our services. You can also visit the [Privacy Checkup](#), which provides an opportunity to review and adjust important privacy settings. In addition to these tools, we also offer specific privacy settings in our products — you can learn more in our [Product Privacy Guide](#).



[Go to Privacy Checkup](#)

Managing, reviewing, and updating your information

When you're signed in, you can always review and update information by visiting the services you use. For example, Photos and Drive are both designed to help you manage specific types of content you've saved with Google.

We also built a place for you to review and control information saved in your Google Account.

Your [Google Account](#) includes:

Privacy controls



Activity Controls

Decide what types of activity you'd like saved in your account. For example, you can turn on Location History if you want traffic predictions for your daily commute, or you can save your YouTube Watch History to get better video suggestions.

[Go to Activity Controls](#)



Ad settings

Manage your preferences about the ads shown to you on Google and on sites and apps that [partner with Google](#) to show ads. You can modify your interests, choose whether your personal information is used to make ads more relevant to you, and turn on or off certain advertising services.

[Go to Ad Settings](#)



About you

Control what others see about you across Google services.

[Go to About You](#)



Shared endorsements

Choose whether your name and photo appear next to your activity, like reviews and recommendations, that appear in ads.

[Go to Shared Endorsements](#)

Information you share



If you're a G Suite user, control whom you share information with through your account on Google+.

[Go to Information You Share](#)

Ways to review & update your information



My Activity

My Activity allows you to review and control data that's created when you use Google services, like searches you've done or your visits to Google Play. You can browse by date and by topic, and delete part or all of your activity.

[Go to My Activity](#)



Google Dashboard

Google Dashboard allows you to manage information associated with specific products.

[Go to Dashboard](#)



Your personal information

Manage your contact information, such as your name, email, and phone number.

[Go to Personal Info](#)

When you're signed out, you can manage information associated with your browser or device, including:

- Signed-out search personalization: [Choose](#) whether your search activity is used to offer you more relevant results and recommendations.
- YouTube settings: Pause and delete your [YouTube Search History](#) and your [YouTube Watch History](#).
- Ad Settings: [Manage](#) your preferences about the ads shown to you on Google and on sites and apps that partner with Google to show ads.

Exporting, removing & deleting your information

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

You can also [request to remove content](#) from specific Google services based on applicable law.

To delete your information, you can:

- Delete your content from [specific Google services](#)
- Search for and then delete specific items from your account using [My Activity](#)
- [Delete specific Google products](#), including your information associated with those products
- [Delete your entire Google Account](#)



[Delete your information](#)

And finally, [Inactive Account Manager](#) allows you to give someone else access to parts of your Google Account in case you're unexpectedly unable to use your account.

There are other ways to control the information Google collects whether or not you're signed in to a Google Account, including:

- Browser settings: For example, you can configure your browser to indicate when Google has set a [cookie](#) in your browser. You can also configure your browser to block all cookies from a specific domain or all domains. But remember that our services [rely on cookies to function properly](#), for things like remembering your language preferences.

- Device-level settings: Your device may have controls that determine what information we collect. For example, you can [modify location settings](#) on your Android device.
-

SHARING YOUR INFORMATION

When you share your information

Many of our services let you share information with other people, and you have control over how you share. For example, you can share videos on YouTube publicly or you can decide to keep your videos private. Remember, when you share information publicly, your content may become accessible through search engines, including Google Search.

When you're signed in and interact with some Google services, like leaving comments on a YouTube video or reviewing an app in Play, your name and photo appear next to your activity. We may also display this information in [ads depending on your Shared endorsements setting](#).

When Google shares your information

We do not share your personal information with companies, organizations, or individuals outside of Google except in the following cases:

With your consent

We'll share personal information outside of Google when we have your consent. For example, if you [use Google Home to make a reservation](#) through a booking service, we'll get your permission before sharing your name or phone number with the restaurant. We'll ask for your explicit consent to share any [sensitive personal information](#).

With domain administrators

If you're a student or work for an organization that uses Google services (like G Suite), your [domain administrator](#) and resellers who manage your account will have access to your Google Account. They may be able to:

- Access and retain information stored in your account, like your email
- View statistics regarding your account, like how many apps you install
- Change your account password
- Suspend or terminate your account access
- Receive your account information in order to satisfy applicable law, regulation, legal process, or enforceable governmental request
- Restrict your ability to delete or edit your information or your privacy settings

For external processing

We provide personal information to our affiliates and other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures. For example, we use service providers to help us with customer support.

For legal reasons

We will share personal information outside of Google if we have a good-faith belief that access, use, preservation, or disclosure of the information is reasonably necessary to:

- Meet any applicable law, regulation, legal process, or enforceable governmental request. We share information about the number and type of requests we receive from governments in our [Transparency Report](#).
- Enforce applicable Terms of Service, including investigation of potential violations.
- Detect, prevent, or otherwise address fraud, security, or technical issues.
- Protect against harm to the rights, property or safety of Google, our users, or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners — like publishers, advertisers, developers, or rights holders. For example, we share information publicly to show trends about the general use of our services. We also allow specific partners to collect information from

your browser or device for advertising and measurement purposes using their own cookies or similar technologies.

If Google is involved in a merger, acquisition, or sale of assets, we'll continue to ensure the confidentiality of your personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

KEEPING YOUR INFORMATION SECURE

We build security into our services to protect your information

All Google products are built with strong security features that continuously protect your information. The insights we gain from maintaining our services help us detect and automatically block security threats from ever reaching you. And if we do detect something risky that we think you should know about, we'll notify you and help guide you through steps to stay better protected.

We work hard to protect you and Google from unauthorized access, alteration, disclosure, or destruction of information we hold, including:

- We use encryption to keep your data private while in transit
 - We offer a range of security features, like [Safe Browsing](#), Security Checkup, and [2 Step Verification](#)to help you protect your account
 - We review our information collection, storage, and processing practices, including physical security measures, to prevent unauthorized access to our systems
 - We restrict access to personal information to Google employees, contractors, and agents who need that information in order to process it. Anyone with this access is subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.
-

EXPORTING & DELETING YOUR INFORMATION

You can export a copy of your information or delete it from your Google Account at any time

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

To delete your information, you can:

- Delete your content from [specific Google services](#)
 - Search for and then delete specific items from your account using [My Activity](#)
 - [Delete specific Google products](#), including your information associated with those products
 - [Delete your entire Google Account](#)
-



[Delete your information](#)

Retaining your information

We retain the data we collect for different periods of time depending on what it is, how we use it, and how you configure your settings:

- Some data you can delete whenever you like, such as the content you create or upload. You can also delete [activity information](#) saved in your account, or [choose to have it deleted automatically](#) after a set period of time.
- Other data is deleted or anonymized automatically after a set period of time, such as [advertising data](#) in server logs.
- We keep some data until you delete your Google Account, such as information about how often you use our services.
- And some data we retain for longer periods of time when necessary for legitimate business or legal purposes, such as security, fraud and abuse prevention, or financial record-keeping.

When you delete data, we follow a deletion process to make sure that your data is safely and completely removed from our servers or retained only in anonymized form. We try to ensure that our services protect information from accidental or malicious deletion. Because of this, there may be delays between when you delete something and when copies are deleted from our active and backup systems.

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Other useful resources

The following links highlight useful resources for you to learn more about our practices and privacy settings.

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- [Privacy Checkup](#) guides you through key privacy settings for your Google Account
- [Google's safety center](#) helps you learn more about our built-in security, privacy controls, and tools to help set digital ground rules for your family online
- [Privacy & Terms](#) provides more context regarding this Privacy Policy and our Terms of Service
- [Technologies](#) includes more information about:
 - [How Google uses cookies](#)
 - [Technologies used for Advertising](#)
 - [How Google uses pattern recognition](#) to recognize things like faces in photos
 - [How Google uses information from sites or apps that use our services](#)

When you use our services, you're trusting us with your information. We understand this is a big responsibility and work hard to protect your information and put you in control.

This Privacy Policy is meant to help you understand what information we collect, why we collect it, and how you can update, manage, export, and delete your information.

Effective March 31, 2020

[Archived versions](#)

We build a range of services that help millions of people daily to explore and interact with the world in new ways. Our services include:

- Google apps, sites, and devices, like Search, YouTube, and Google Home
- Platforms like the Chrome browser and Android operating system
- Products that are integrated into third-party apps and sites, like ads and embedded Google Maps

You can use our services in a variety of ways to manage your privacy. For example, you can sign up for a Google Account if you want to create and manage content like emails and photos, or see more relevant search results. And you can use many Google services when you're signed out or without creating an account at all, like searching on Google or watching YouTube videos. You can also choose to browse the web privately using Chrome in Incognito mode. And across our services, you can adjust your privacy settings to control what we collect and how your information is used.

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Information we collect as you use our services

Your apps, browsers & devices

We collect information about the apps, browsers, and devices you use to access Google services, which helps us provide features like automatic product updates and dimming your screen if your battery runs low.

The information we collect includes unique identifiers, browser type and settings, device type and settings, operating system, mobile network information including carrier name and phone number, and application version number. We also collect information about the interaction of your apps, browsers, and devices with our services, including IP address, crash reports, system activity, and the date, time, and referrer URL of your request.

We collect this information when a Google service on your device contacts our servers — for example, when you install an app from the Play Store or when a service checks for automatic updates. If you're using an Android device with Google apps, your device periodically contacts Google servers to provide information about your device and connection to our services. This information includes things like your device type, carrier name, crash reports, and which apps you've installed.

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If you use our services to make and receive calls or send and receive messages, we may collect telephony log information like your phone number, calling-party number, receiving-party number, forwarding numbers, time and date of calls and messages, duration of calls, routing information, and types of calls.

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In some circumstances, Google also collects information about you from [publicly accessible sources](#). For example, if your name appears in your local newspaper, Google's Search engine may index that article and display it to other people if they search for your name. We may also collect information about you from trusted partners, including marketing partners who provide us with information about potential customers of our business services, and security partners who provide us with information to [protect against abuse](#). We also receive information from advertisers to provide [advertising and research services on their behalf](#).

We use various technologies to collect and store information, including [cookies](#), [pixel tags](#), local storage, such as [browser web storage](#) or [application data caches](#), databases, and [server logs](#).

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Provide personalized services, including content and ads

We use the information we collect to customize our services for you, including providing recommendations, personalized content, and customized search results. For example, [Security Checkup](#) provides security tips adapted to how you use Google products. And Google Play uses information like apps you've already installed and videos you've watched on YouTube to suggest new apps you might like.

Depending on your settings, we may also show you personalized ads based on your interests. For example, if you search for "mountain bikes," you may see an ad for sports equipment when you're browsing a site that shows ads served by Google. You can control what information we use to show you ads by visiting your ad settings.

- We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.
 - We don't share information that personally identifies you with advertisers, such as your name or email, unless you ask us to. For example, if you see an ad for a nearby flower shop and select the "tap to call" button, we'll connect your call and may share your phone number with the flower shop.
-



[Go to Ad Settings](#)

Measure performance

We use data for analytics and measurement to understand how our services are used. For example, we analyze data about your visits to our sites to do things like optimize product design. And we also use data about the ads you interact with to help advertisers understand the performance of their ad campaigns. We use a variety of tools to do this, including Google Analytics. When you visit sites that use Google Analytics, Google and a Google Analytics customer may link information about your activity from that site with activity from other sites that use our ad services.

Communicate with you

We use information we collect, like your email address, to interact with you directly. For example, we may send you a notification if we detect suspicious activity, like an attempt to sign in to your Google Account from an unusual location. Or we may let you know about upcoming changes or improvements to our services. And if you contact Google, we'll keep a record of your request in order to help solve any issues you might be facing.

Protect Google, our users, and the public

We use information to help improve the safety and reliability of our services. This includes detecting, preventing, and responding to fraud, abuse, security risks, and technical issues that could harm Google, our users, or the public.

We use different technologies to process your information for these purposes. We use automated systems that analyze your content to provide you with things like customized search results, personalized ads, or other features tailored to how you use our services. And we analyze your content to help us detect abuse such as spam, malware, and illegal content. We also use algorithms to recognize patterns in data. For example, Google Translate helps people communicate across languages by detecting common language patterns in phrases you ask it to translate.

We may combine the information we collect among our services and across your devices for the purposes described above. For example, if you watch videos of guitar players on YouTube, you might see an ad for guitar lessons on a site that uses our ad products. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

If other users already have your email address or other information that identifies you, we may show them your publicly visible Google Account information, such as your name and photo. This helps people identify an email coming from you, for example.

We'll ask for your consent before using your information for a purpose that isn't covered in this Privacy Policy.

YOUR PRIVACY CONTROLS

You have choices regarding the information we collect and how it's used

This section describes key controls for managing your privacy across our services. You can also visit the [Privacy Checkup](#), which provides an opportunity to review and adjust important privacy settings. In addition to these tools, we also offer specific privacy settings in our products — you can learn more in our [Product Privacy Guide](#).



[Go to Privacy Checkup](#)

Managing, reviewing, and updating your information

When you're signed in, you can always review and update information by visiting the services you use. For example, Photos and Drive are both designed to help you manage specific types of content you've saved with Google.

We also built a place for you to review and control information saved in your Google Account.

Your [Google Account](#) includes:

Privacy controls



Activity Controls

Decide what types of activity you'd like saved in your account. For example, you can turn on Location History if you want traffic predictions for your daily commute, or you can save your YouTube Watch History to get better video suggestions.

[Go to Activity Controls](#)



Ad settings

Manage your preferences about the ads shown to you on Google and on sites and apps that [partner with Google](#) to show ads. You can modify your interests, choose whether your personal information is used to make ads more relevant to you, and turn on or off certain advertising services.

[Go to Ad Settings](#)



About you

Control what others see about you across Google services.

[Go to About You](#)



Shared endorsements

Choose whether your name and photo appear next to your activity, like reviews and recommendations, that appear in ads.

[Go to Shared Endorsements](#)

Information you share



If you're a G Suite user, control whom you share information with through your account on Google+.

[Go to Information You Share](#)

Ways to review & update your information



My Activity

My Activity allows you to review and control data that's created when you use Google services, like searches you've done or your visits to Google Play. You can browse by date and by topic, and delete part or all of your activity.

[Go to My Activity](#)



Google Dashboard

Google Dashboard allows you to manage information associated with specific products.

[Go to Dashboard](#)



Your personal information

Manage your contact information, such as your name, email, and phone number.

[Go to Personal Info](#)

When you're signed out, you can manage information associated with your browser or device, including:

- Signed-out search personalization: Choose whether your search activity is used to offer you more relevant results and recommendations.
- YouTube settings: Pause and delete your [YouTube Search History](#) and your [YouTube Watch History](#).
- Ad Settings: Manage your preferences about the ads shown to you on Google and on sites and apps that partner with Google to show ads.

Exporting, removing & deleting your information

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

You can also [request to remove content](#) from specific Google services based on applicable law.

To delete your information, you can:

- Delete your content from [specific Google services](#)
- Search for and then delete specific items from your account using [My Activity](#)
- [Delete specific Google products](#), including your information associated with those products
- [Delete your entire Google Account](#)



[Delete your information](#)

And finally, [Inactive Account Manager](#) allows you to give someone else access to parts of your Google Account in case you're unexpectedly unable to use your account.

There are other ways to control the information Google collects whether or not you're signed in to a Google Account, including:

- Browser settings: For example, you can configure your browser to indicate when Google has set a [cookie](#) in your browser. You can also configure your browser to block all cookies from a specific domain or all domains. But remember that our services [rely on cookies to function properly](#), for things like remembering your language preferences.

- Device-level settings: Your device may have controls that determine what information we collect. For example, you can [modify location settings](#) on your Android device.
-

SHARING YOUR INFORMATION

When you share your information

Many of our services let you share information with other people, and you have control over how you share. For example, you can share videos on YouTube publicly or you can decide to keep your videos private. Remember, when you share information publicly, your content may become accessible through search engines, including Google Search.

When you're signed in and interact with some Google services, like leaving comments on a YouTube video or reviewing an app in Play, your name and photo appear next to your activity. We may also display this information in [ads depending on your Shared endorsements setting](#).

When Google shares your information

We do not share your personal information with companies, organizations, or individuals outside of Google except in the following cases:

With your consent

We'll share personal information outside of Google when we have your consent. For example, if you [use Google Home to make a reservation](#) through a booking service, we'll get your permission before sharing your name or phone number with the restaurant. We'll ask for your explicit consent to share any [sensitive personal information](#).

With domain administrators

If you're a student or work for an organization that uses Google services (like G Suite), your [domain administrator](#) and resellers who manage your account will have access to your Google Account. They may be able to:

- Access and retain information stored in your account, like your email
- View statistics regarding your account, like how many apps you install
- Change your account password
- Suspend or terminate your account access
- Receive your account information in order to satisfy applicable law, regulation, legal process, or enforceable governmental request
- Restrict your ability to delete or edit your information or your privacy settings

For external processing

We provide personal information to our affiliates and other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures. For example, we use service providers to help us with customer support.

For legal reasons

We will share personal information outside of Google if we have a good-faith belief that access, use, preservation, or disclosure of the information is reasonably necessary to:

- Meet any applicable law, regulation, legal process, or enforceable governmental request. We share information about the number and type of requests we receive from governments in our [Transparency Report](#).
- Enforce applicable Terms of Service, including investigation of potential violations.
- Detect, prevent, or otherwise address fraud, security, or technical issues.
- Protect against harm to the rights, property or safety of Google, our users, or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners — like publishers, advertisers, developers, or rights holders. For example, we share information publicly to show trends about the general use of our services. We also allow specific partners to collect information from

your browser or device for advertising and measurement purposes using their own cookies or similar technologies.

If Google is involved in a merger, acquisition, or sale of assets, we'll continue to ensure the confidentiality of your personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

KEEPING YOUR INFORMATION SECURE

We build security into our services to protect your information

All Google products are built with strong security features that continuously protect your information. The insights we gain from maintaining our services help us detect and automatically block security threats from ever reaching you. And if we do detect something risky that we think you should know about, we'll notify you and help guide you through steps to stay better protected.

We work hard to protect you and Google from unauthorized access, alteration, disclosure, or destruction of information we hold, including:

- We use encryption to keep your data private while in transit
 - We offer a range of security features, like [Safe Browsing](#), Security Checkup, and [2 Step Verification](#)to help you protect your account
 - We review our information collection, storage, and processing practices, including physical security measures, to prevent unauthorized access to our systems
 - We restrict access to personal information to Google employees, contractors, and agents who need that information in order to process it. Anyone with this access is subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.
-

EXPORTING & DELETING YOUR INFORMATION

You can export a copy of your information or delete it from your Google Account at any time

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

To delete your information, you can:

- Delete your content from [specific Google services](#)
 - Search for and then delete specific items from your account using [My Activity](#)
 - [Delete specific Google products](#), including your information associated with those products
 - [Delete your entire Google Account](#)
-



[Delete your information](#)

RETAINING YOUR INFORMATION

We retain the data we collect for different periods of time depending on what it is, how we use it, and how you configure your settings:

- Some data you can delete whenever you like, such as the content you create or upload. You can also delete [activity information](#) saved in your account, or [choose to have it deleted automatically](#) after a set period of time.
- Other data is deleted or anonymized automatically after a set period of time, such as [advertising data](#) in server logs.
- We keep some data until you delete your Google Account, such as information about how often you use our services.
- And some data we retain for longer periods of time when necessary for legitimate business or legal purposes, such as security, fraud and abuse prevention, or financial record-keeping.

When you delete data, we follow a deletion process to make sure that your data is safely and completely removed from our servers or retained only in anonymized form. We try to ensure that our services protect information from accidental or malicious deletion. Because of this, there may be delays between when you delete something and when copies are deleted from our active and backup systems.

You can read more about Google's [data retention periods](#), including how long it takes us to delete your information.

COMPLIANCE & COOPERATION WITH REGULATORS

We regularly review this Privacy Policy and make sure that we process your information in ways that comply with it.

Data transfers

We maintain [servers around the world](#) and your information may be processed on servers located outside of the country where you live. Data protection laws vary among countries, with some providing more protection than others. Regardless of where your information is processed, we apply the same protections described in this policy. We also comply with certain [legal frameworks](#) relating to the transfer of data, such as the EU-U.S. and Swiss-U.S. Privacy Shield Frameworks.

When we receive formal written complaints, we respond by contacting the person who made the complaint. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of your data that we cannot resolve with you directly.

California requirements

If the California Consumer Privacy Act (CCPA) applies to your information, we provide these disclosures and the [tools](#) described in this policy so you can exercise your rights to receive information about our data practices, as well as to request access to and deletion of your information. These tools allow you to review, update and delete your information, as well as export and download a copy of it. You can also [read more](#) about Google's data retention periods, and the process we follow to delete your information.

Google does not sell your personal information. We only [share your information](#) as described in this policy. Google [processes your information](#) for the purposes described in this policy, which include “business purposes” under the CCPA. These purposes include:

- **Protecting against security threats, abuse, and illegal activity.** Google uses and may disclose information to detect, prevent and respond to security incidents, and for protecting against other malicious, deceptive, fraudulent, or illegal activity. For example, to protect our services, Google may receive or disclose information about IP addresses that malicious actors have compromised.
- **Auditing and measurement.** Google uses information for analytics and measurement to understand how our services are used, as well as to fulfill obligations to our partners like publishers, advertisers, developers, or rights holders. We may disclose non-personally identifiable information publicly and with these partners, including for auditing purposes.
- **Maintaining our services.** Google uses information to ensure our services are working as intended, such as tracking outages or troubleshooting bugs and other issues that you report to us.
- **Research and development.** Google uses information to improve our services and to develop new products, features and technologies that benefit our users and the public. For example, we use publicly available information to help train Google’s language models and build features like Google Translate.
- **Use of service providers.** Google shares information with service providers to perform services on our behalf, in compliance with our Privacy Policy and other appropriate confidentiality and security measures. For example, we may rely on service providers to help provide customer support.
- **Advertising.** Google processes information, including online identifiers and information about your interactions with advertisements, to provide advertising. This keeps many of our services freely available for users. You can control what information we use to show you ads by visiting your [ad settings](#).

Google also uses information to satisfy applicable laws or regulations, and discloses information in response to legal process or enforceable government requests, including to law enforcement. We provide information about the number and type of requests we receive from governments in our [Transparency Report](#).

If you have additional questions or requests related to your rights under the CCPA, [you can contact Google](#).

When this policy applies

This Privacy Policy applies to all of the services offered by Google LLC and its affiliates, including YouTube, Android, and services offered on third-party sites, such as advertising services. This Privacy Policy doesn't apply to services that have separate privacy policies that do not incorporate this Privacy Policy.

This Privacy Policy doesn't apply to:

- The information practices of other companies and organizations that advertise our services
- Services offered by other companies or individuals, including products or sites that may include Google services, be displayed to you in search results, or be linked from our services

Changes to this policy

We change this Privacy Policy from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We always indicate the date the last changes were published and we offer access to [archived versions](#) for your review. If changes are significant, we'll provide a more prominent notice (including, for certain services, email notification of Privacy Policy changes).

RELATED PRIVACY PRACTICES

Specific Google services

The following privacy notices provide additional information about some Google services:

- [Chrome & the Chrome Operating System](#)
- [Play Books](#)
- [Payments](#)
- [Fiber](#)

- [Google Fi](#)
- [G Suite for Education](#)
- [YouTube Kids](#)
- [Google Accounts Managed with Family Link, for Children under 13 \(or applicable age in your country\)](#)
- [Voice and Audio Collection from Children's Features on the Google Assistant](#)

Other useful resources

The following links highlight useful resources for you to learn more about our practices and privacy settings.

- [Your Google Account](#) is home to many of the settings you can use to manage your account
- [Privacy Checkup](#) guides you through key privacy settings for your Google Account
- [Google's safety center](#) helps you learn more about our built-in security, privacy controls, and tools to help set digital ground rules for your family online
- [Privacy & Terms](#) provides more context regarding this Privacy Policy and our Terms of Service
- [Technologies](#) includes more information about:
 - [How Google uses cookies](#)
 - Technologies used for [Advertising](#)
 - [How Google uses pattern recognition to recognize things like faces in photos](#)
 - [How Google uses information from sites or apps that use our services](#)

When you use our services, you're trusting us with your information. We understand this is a big responsibility and work hard to protect your information and put you in control.

This Privacy Policy is meant to help you understand what information we collect, why we collect it, and how you can update, manage, export, and delete your information.

Effective July 1, 2020

[Archived versions](#)

We build a range of services that help millions of people daily to explore and interact with the world in new ways. Our services include:

- Google apps, sites, and devices, like Search, YouTube, and Google Home
- Platforms like the Chrome browser and Android operating system
- Products that are integrated into third-party apps and sites, like ads and embedded Google Maps

You can use our services in a variety of ways to manage your privacy. For example, you can sign up for a Google Account if you want to create and manage content like emails and photos, or see more relevant search results. And you can use many Google services when you're signed out or without creating an account at all, like searching on Google or watching YouTube videos. You can also choose to browse the web privately using Chrome in Incognito mode. And across our services, you can adjust your privacy settings to control what we collect and how your information is used.

To help explain things as clearly as possible, we've added examples, explanatory videos, and definitions for [key terms](#). And if you have any questions about this Privacy Policy, you can [contact us](#).

INFORMATION GOOGLE COLLECTS

We want you to understand the types of information we collect as you use our services

We collect information to provide better services to all our users — from figuring out basic stuff like which language you speak, to more complex things like which ads you'll find most useful, the people who matter most to you online, or which YouTube videos you might like. The information Google collects, and how that information is used, depends on how you use our services and how you manage your privacy controls.

When you're not signed in to a Google Account, we store the information we collect with unique identifiers tied to the browser, application, or device you're using. This helps us do things like maintain your language preferences across browsing sessions.

When you're signed in, we also collect information that we store with your Google Account, which we treat as personal information.

Things you create or provide to us

When you create a Google Account, you provide us with personal information that includes your name and a password. You can also choose to add a phone number or payment information to your account. Even if you aren't signed in to a Google Account, you might choose to provide us with information — like an email address to receive updates about our services.

We also collect the content you create, upload, or receive from others when using our services. This includes things like email you write and receive, photos and videos you save, docs and spreadsheets you create, and comments you make on YouTube videos.

Information we collect as you use our services

Your apps, browsers & devices

We collect information about the apps, browsers, and devices you use to access Google services, which helps us provide features like automatic product updates and dimming your screen if your battery runs low.

The information we collect includes unique identifiers, browser type and settings, device type and settings, operating system, mobile network information including carrier name and phone number, and application version number. We also collect information about the interaction of your apps, browsers, and devices with our services, including IP address, crash reports, system activity, and the date, time, and referrer URL of your request.

We collect this information when a Google service on your device contacts our servers — for example, when you install an app from the Play Store or when a service checks for automatic updates. If you're using an Android device with Google apps, your device periodically contacts Google servers to provide information about your device and connection to our services. This information includes things like your device type, carrier name, crash reports, and which apps you've installed.

Your activity

We collect information about your activity in our services, which we use to do things like recommend a YouTube video you might like. The activity information we collect may include:

- Terms you search for
- Videos you watch
- Views and interactions with content and ads
- Voice and audio information when you use audio features
- Purchase activity
- People with whom you communicate or share content
- Activity on third-party sites and apps that use our services
- Chrome browsing history you've synced with your Google Account

If you use our services to make and receive calls or send and receive messages, we may collect telephony log information like your phone number, calling-party number, receiving-party number, forwarding numbers, time and date of calls and messages, duration of calls, routing information, and types of calls.

You can visit your Google Account to find and manage activity information that's saved in your account.



[Go to Google Account](#)

Your location information

We collect information about your location when you use our services, which helps us offer features like driving directions for your weekend getaway or showtimes for movies playing near you.

Your location can be determined with varying degrees of accuracy by:

- GPS
- IP address
- Sensor data from your device
- Information about things near your device, such as Wi-Fi access points, cell towers, and Bluetooth-enabled devices

The types of location data we collect depend in part on your device and account settings. For example, you can [turn your Android device's location on or off](#) using the device's settings app. You can also turn on [Location History](#) if you want to create a private map of where you go with your signed-in devices.

In some circumstances, Google also collects information about you from [publicly accessible sources](#). For example, if your name appears in your local newspaper, Google's Search engine may index that article and display it to other people if they search for your name. We may also collect information about you from trusted partners, including marketing partners who provide us with information about potential customers of our business services, and security partners who provide us with information to [protect against abuse](#). We also receive information from advertisers to provide [advertising and research services on their behalf](#).

We use various technologies to collect and store information, including [cookies](#), [pixel tags](#), local storage, such as [browser web storage](#) or [application data caches](#), databases, and [server logs](#).

WHY GOOGLE COLLECTS DATA

We use data to build better services

We use the information we collect from all our services for the following purposes:

Provide our services

We use your information to deliver our services, like processing the terms you search for in order to return results or helping you share content by suggesting recipients from your contacts.

Maintain & improve our services

We also use your information to ensure our services are working as intended, such as tracking outages or troubleshooting issues that you report to us. And we use your information to make improvements to our services — for example, understanding which search terms are most frequently misspelled helps us improve spell-check features used across our services.

Develop new services

We use the information we collect in existing services to help us develop new ones. For example, understanding how people organized their photos in Picasa, Google's first photos app, helped us design and launch Google Photos.

Provide personalized services, including content and ads

We use the information we collect to customize our services for you, including providing recommendations, personalized content, and customized search results. For example, [Security Checkup](#) provides security tips adapted to how you use Google products. And Google Play uses information like apps you've already installed and videos you've watched on YouTube to suggest new apps you might like.

Depending on your settings, we may also show you personalized ads based on your interests. For example, if you search for "mountain bikes," you may see an ad for sports equipment when you're browsing a site that shows ads served by Google. You can control what information we use to show you ads by visiting your ad settings.

- We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.
 - We don't share information that personally identifies you with advertisers, such as your name or email, unless you ask us to. For example, if you see an ad for a nearby flower shop and select the "tap to call" button, we'll connect your call and may share your phone number with the flower shop.
-



[Go to Ad Settings](#)

Measure performance

We use data for analytics and measurement to understand how our services are used. For example, we analyze data about your visits to our sites to do things like optimize product design. And we also use data about the ads you interact with to help advertisers understand the performance of their ad campaigns. We use a variety of tools to do this, including Google Analytics. When you visit sites that use Google Analytics, Google and a Google Analytics customer may link information about your activity from that site with activity from other sites that use our ad services.

Communicate with you

We use information we collect, like your email address, to interact with you directly. For example, we may send you a notification if we detect suspicious activity, like an attempt to sign in to your Google Account from an unusual location. Or we may let you know about upcoming changes or improvements to our services. And if you contact Google, we'll keep a record of your request in order to help solve any issues you might be facing.

Protect Google, our users, and the public

We use information to help improve the safety and reliability of our services. This includes detecting, preventing, and responding to fraud, abuse, security risks, and technical issues that could harm Google, our users, or the public.

We use different technologies to process your information for these purposes. We use automated systems that analyze your content to provide you with things like customized search results, personalized ads, or other features tailored to how you use our services. And we analyze your content to help us detect abuse such as spam, malware, and illegal content. We also use algorithms to recognize patterns in data. For example, Google Translate helps people communicate across languages by detecting common language patterns in phrases you ask it to translate.

We may combine the information we collect among our services and across your devices for the purposes described above. For example, if you watch videos of guitar players on YouTube, you might see an ad for guitar lessons on a site that uses our ad products. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

If other users already have your email address or other information that identifies you, we may show them your publicly visible Google Account information, such as your name and photo. This helps people identify an email coming from you, for example.

We'll ask for your consent before using your information for a purpose that isn't covered in this Privacy Policy.

YOUR PRIVACY CONTROLS

You have choices regarding the information we collect and how it's used

This section describes key controls for managing your privacy across our services. You can also visit the [Privacy Checkup](#), which provides an opportunity to review and adjust important privacy settings. In addition to these tools, we also offer specific privacy settings in our products — you can learn more in our [Product Privacy Guide](#).



[Go to Privacy Checkup](#)

Managing, reviewing, and updating your information

When you're signed in, you can always review and update information by visiting the services you use. For example, Photos and Drive are both designed to help you manage specific types of content you've saved with Google.

We also built a place for you to review and control information saved in your Google Account.

Your [Google Account](#) includes:

Privacy controls



Activity Controls

Decide what types of activity you'd like saved in your account. For example, you can turn on Location History if you want traffic predictions for your daily commute, or you can save your YouTube Watch History to get better video suggestions.

[Go to Activity Controls](#)



Ad settings

Manage your preferences about the ads shown to you on Google and on sites and apps that [partner with Google](#) to show ads. You can modify your interests, choose whether your personal information is used to make ads more relevant to you, and turn on or off certain advertising services.

[Go to Ad Settings](#)



About you

Control what others see about you across Google services.

[Go to About You](#)



Shared endorsements

Choose whether your name and photo appear next to your activity, like reviews and recommendations, that appear in ads.

[Go to Shared Endorsements](#)

Information you share



If you're a G Suite user, control whom you share information with through your account on Google+.

[Go to Information You Share](#)

Ways to review & update your information



My Activity

My Activity allows you to review and control data that's created when you use Google services, like searches you've done or your visits to Google Play. You can browse by date and by topic, and delete part or all of your activity.

[Go to My Activity](#)



Google Dashboard

Google Dashboard allows you to manage information associated with specific products.

[Go to Dashboard](#)



Your personal information

Manage your contact information, such as your name, email, and phone number.

[Go to Personal Info](#)

When you're signed out, you can manage information associated with your browser or device, including:

- Signed-out search personalization: Choose whether your search activity is used to offer you more relevant results and recommendations.
- YouTube settings: Pause and delete your [YouTube Search History](#) and your [YouTube Watch History](#).
- Ad Settings: Manage your preferences about the ads shown to you on Google and on sites and apps that partner with Google to show ads.

Exporting, removing & deleting your information

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

You can also [request to remove content](#) from specific Google services based on applicable law.

To delete your information, you can:

- Delete your content from [specific Google services](#)
- Search for and then delete specific items from your account using [My Activity](#)
- [Delete specific Google products](#), including your information associated with those products
- [Delete your entire Google Account](#)



[Delete your information](#)

And finally, [Inactive Account Manager](#) allows you to give someone else access to parts of your Google Account in case you're unexpectedly unable to use your account.

There are other ways to control the information Google collects whether or not you're signed in to a Google Account, including:

- Browser settings: For example, you can configure your browser to indicate when Google has set a [cookie](#) in your browser. You can also configure your browser to block all cookies from a specific domain or all domains. But remember that our services [rely on cookies to function properly](#), for things like remembering your language preferences.

- Device-level settings: Your device may have controls that determine what information we collect. For example, you can [modify location settings](#) on your Android device.
-

SHARING YOUR INFORMATION

When you share your information

Many of our services let you share information with other people, and you have control over how you share. For example, you can share videos on YouTube publicly or you can decide to keep your videos private. Remember, when you share information publicly, your content may become accessible through search engines, including Google Search.

When you're signed in and interact with some Google services, like leaving comments on a YouTube video or reviewing an app in Play, your name and photo appear next to your activity. We may also display this information in [ads depending on your Shared endorsements setting](#).

When Google shares your information

We do not share your personal information with companies, organizations, or individuals outside of Google except in the following cases:

With your consent

We'll share personal information outside of Google when we have your consent. For example, if you [use Google Home to make a reservation](#) through a booking service, we'll get your permission before sharing your name or phone number with the restaurant. We'll ask for your explicit consent to share any [sensitive personal information](#).

With domain administrators

If you're a student or work for an organization that uses Google services (like G Suite), your [domain administrator](#) and resellers who manage your account will have access to your Google Account. They may be able to:

- Access and retain information stored in your account, like your email
- View statistics regarding your account, like how many apps you install
- Change your account password
- Suspend or terminate your account access
- Receive your account information in order to satisfy applicable law, regulation, legal process, or enforceable governmental request
- Restrict your ability to delete or edit your information or your privacy settings

For external processing

We provide personal information to our affiliates and other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures. For example, we use service providers to help us with customer support.

For legal reasons

We will share personal information outside of Google if we have a good-faith belief that access, use, preservation, or disclosure of the information is reasonably necessary to:

- Meet any applicable law, regulation, legal process, or enforceable governmental request. We share information about the number and type of requests we receive from governments in our [Transparency Report](#).
- Enforce applicable Terms of Service, including investigation of potential violations.
- Detect, prevent, or otherwise address fraud, security, or technical issues.
- Protect against harm to the rights, property or safety of Google, our users, or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners — like publishers, advertisers, developers, or rights holders. For example, we share information publicly to show trends about the general use of our services. We also allow specific partners to collect information from

your browser or device for advertising and measurement purposes using their own cookies or similar technologies.

If Google is involved in a merger, acquisition, or sale of assets, we'll continue to ensure the confidentiality of your personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

KEEPING YOUR INFORMATION SECURE

We build security into our services to protect your information

All Google products are built with strong security features that continuously protect your information. The insights we gain from maintaining our services help us detect and automatically block security threats from ever reaching you. And if we do detect something risky that we think you should know about, we'll notify you and help guide you through steps to stay better protected.

We work hard to protect you and Google from unauthorized access, alteration, disclosure, or destruction of information we hold, including:

- We use encryption to keep your data private while in transit
 - We offer a range of security features, like [Safe Browsing](#), Security Checkup, and [2 Step Verification](#)to help you protect your account
 - We review our information collection, storage, and processing practices, including physical security measures, to prevent unauthorized access to our systems
 - We restrict access to personal information to Google employees, contractors, and agents who need that information in order to process it. Anyone with this access is subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.
-

EXPORTING & DELETING YOUR INFORMATION

You can export a copy of your information or delete it from your Google Account at any time

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

To delete your information, you can:

- Delete your content from [specific Google services](#)
 - Search for and then delete specific items from your account using [My Activity](#)
 - [Delete specific Google products](#), including your information associated with those products
 - [Delete your entire Google Account](#)
-



[Delete your information](#)

RETAINING YOUR INFORMATION

We retain the data we collect for different periods of time depending on what it is, how we use it, and how you configure your settings:

- Some data you can delete whenever you like, such as the content you create or upload. You can also delete [activity information](#) saved in your account, or [choose to have it deleted automatically](#) after a set period of time.
- Other data is deleted or anonymized automatically after a set period of time, such as [advertising data](#) in server logs.
- We keep some data until you delete your Google Account, such as information about how often you use our services.
- And some data we retain for longer periods of time when necessary for legitimate business or legal purposes, such as security, fraud and abuse prevention, or financial record-keeping.

When you delete data, we follow a deletion process to make sure that your data is safely and completely removed from our servers or retained only in anonymized form. We try to ensure that our services protect information from accidental or malicious deletion. Because of this, there may be delays between when you delete something and when copies are deleted from our active and backup systems.

You can read more about Google's [data retention periods](#), including how long it takes us to delete your information.

COMPLIANCE & COOPERATION WITH REGULATORS

We regularly review this Privacy Policy and make sure that we process your information in ways that comply with it.

Data transfers

We maintain [servers around the world](#) and your information may be processed on servers located outside of the country where you live. Data protection laws vary among countries, with some providing more protection than others. Regardless of where your information is processed, we apply the same protections described in this policy. We also comply with certain [legal frameworks](#) relating to the transfer of data, such as the EU-U.S. and Swiss-U.S. Privacy Shield Frameworks.

When we receive formal written complaints, we respond by contacting the person who made the complaint. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of your data that we cannot resolve with you directly.

California requirements

The California Consumer Privacy Act (CCPA) requires specific disclosures for California residents.

This Privacy Policy is designed to help you understand how Google handles your information:

- We explain the categories of information Google collects and the sources of that information in [Information Google collects](#).

- We explain how Google uses information in [Why Google collects data](#).
- We explain when Google may share information in [Sharing your information](#). Google does not sell your personal information.

The CCPA also provides the right to request information about how Google collects, uses, and discloses your personal information. And it gives you the right to access your information and request that Google delete that information. Finally, the CCPA provides the right to not be discriminated against for exercising your privacy rights.

We describe the choices you have to manage your privacy and data across Google's services in [Your privacy controls](#). You can exercise your rights by using these controls, which allow you to access, review, update and delete your information, as well as [export and download](#) a copy of it. When you use them, we'll validate your request by verifying that you're signed in to your Google Account. If you have questions or requests related to your rights under the CCPA, you (or your authorized agent) can also [contact Google](#).

The CCPA requires a description of data practices using specific categories. This table uses these categories to organize the information in this Privacy Policy.

Categories of personal information we collect

Identifiers such as your [name](#), [phone number](#), and address, as well as [unique identifiers](#) tied to the browser, application, or device you're using.

Demographic information, such as your [age](#), [gender](#) and [language](#).

Commercial information such as your [payment information](#) and a history of [purchases](#) you make on Google's services.

Biometric information if you choose to provide it, such as fingerprints in Google's product development studies.

Internet, network, and other activity information such as your search terms; views and interactions with content and ads; Chrome browsing history you've synced with your Google Account; information about the interaction of your apps, browsers, and devices with our services (like IP address, crash reports, and system activity); and activity on third-party sites and apps that use our services. You can review and control activity data stored in your Google Account in [My Activity](#).

Geolocation data, such as may be determined by GPS, IP address, and other data from sensors on or around your device, depending in part on your device and account settings. Learn more about [Google's use of location information](#).

Audio, electronic, visual and similar information, such as [voice and audio information](#) when you use audio features.

Professional, employment, and education information, such as information [you provide](#) or that is maintained through a G Suite account by an organization at which you study or work.

Other information you create or provide, such as the content you create, upload, or receive (like photos and videos or emails, docs and spreadsheets). [Google Dashboard](#) allows you to manage information associated with specific products.

Inferences drawn from the above, like your [ads interest categories](#).

Business purposes for which information may be used or disclosed

Protecting against security threats, abuse, and illegal activity: Google uses and may disclose information to detect, prevent and respond to security incidents, and for protecting against other malicious, deceptive, fraudulent, or illegal activity. For example, to protect our services, Google may receive or disclose information about IP addresses that malicious actors have compromised.

Auditing and measurement: Google uses information for analytics and measurement to understand how our services are used, as well as to fulfill obligations to our partners like publishers, advertisers, developers, or rights holders. We may disclose non-personally identifiable information publicly and with these partners, including for auditing purposes.

Maintaining our services: Google uses information to ensure our services are working as intended, such as tracking outages or troubleshooting bugs and other issues that you report to us.

Research and development: Google uses information to improve our services and to develop new products, features and technologies that benefit our users and the public. For example, we use publicly available information to help train Google's language models and build features like Google Translate.

Use of service providers: Google shares information with service providers to perform services on our behalf, in compliance with our Privacy Policy and other appropriate confidentiality and security

measures. For example, we may rely on service providers to help provide customer support.

Advertising: Google processes information, including online identifiers and information about your interactions with advertisements, to provide advertising. This keeps Google's services and many of the websites and services you use free of charge. You can control what information we use to show you ads by visiting your [ad settings](#).

Legal reasons: Google also uses information to satisfy applicable laws or regulations, and discloses information in response to legal process or enforceable government requests, including to law enforcement. We provide information about the number and type of requests we receive from governments in our [Transparency Report](#).

Parties with whom information may be shared

Other people with whom you choose to share your information, like docs or photos, and videos or comments on YouTube.

Third parties to whom you consent to sharing your information, such as services that integrate with Google's services. You can [review and manage third party apps and sites](#) with access to data in your Google Account.

Service providers, trusted businesses or persons that process information on Google's behalf, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

Domain administrators, if you work or study at an organization that uses Google services like G Suite.

Law enforcement or other third parties, for the legal reasons described in [Sharing your information](#).

ABOUT THIS POLICY

When this policy applies

This Privacy Policy applies to all of the services offered by Google LLC and its affiliates, including YouTube, Android, and services offered on third-party sites, such as advertising services. This Privacy

Policy doesn't apply to services that have separate privacy policies that do not incorporate this Privacy Policy.

This Privacy Policy doesn't apply to:

- The information practices of other companies and organizations that advertise our services
- Services offered by other companies or individuals, including products or sites that may include Google services, be displayed to you in search results, or be linked from our services

Changes to this policy

We change this Privacy Policy from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We always indicate the date the last changes were published and we offer access to [archived versions](#) for your review. If changes are significant, we'll provide a more prominent notice (including, for certain services, email notification of Privacy Policy changes).

RELATED PRIVACY PRACTICES

Specific Google services

The following privacy notices provide additional information about some Google services:

- [Chrome & the Chrome Operating System](#)
- [Play Books](#)
- [Payments](#)
- [Fiber](#)
- [Google Fi](#)
- [G Suite for Education](#)
- [YouTube Kids](#)
- [Google Accounts Managed with Family Link, for Children under 13 \(or applicable age in your country\)](#)

- [Voice and Audio Collection from Children's Features on the Google Assistant](#)

Other useful resources

The following links highlight useful resources for you to learn more about our practices and privacy settings.

- [Your Google Account](#) is home to many of the settings you can use to manage your account
- [Privacy Checkup](#) guides you through key privacy settings for your Google Account
- [Google's safety center](#) helps you learn more about our built-in security, privacy controls, and tools to help set digital ground rules for your family online
- [Privacy & Terms](#) provides more context regarding this Privacy Policy and our Terms of Service
- [Technologies](#) includes more information about:
 - [How Google uses cookies](#)
 - Technologies used for [Advertising](#)
 - [How Google uses pattern recognition to recognize things like faces in photos](#)
 - [How Google uses information from sites or apps that use our services](#)

When you use our services, you're trusting us with your information. We understand this is a big responsibility and work hard to protect your information and put you in control.

This Privacy Policy is meant to help you understand what information we collect, why we collect it, and how you can update, manage, export, and delete your information.



Privacy Checkup

Looking to change your privacy settings?

[Take the Privacy Checkup](#)

Effective August 28, 2020

[Archived versions](#)

We build a range of services that help millions of people daily to explore and interact with the world in new ways. Our services include:

- Google apps, sites, and devices, like Search, YouTube, and Google Home
- Platforms like the Chrome browser and Android operating system
- Products that are integrated into third-party apps and sites, like ads and embedded Google Maps

You can use our services in a variety of ways to manage your privacy. For example, you can sign up for a Google Account if you want to create and manage content like emails and photos, or see more relevant search results. And you can use many Google services when you're signed out or without creating an account at all, like searching on Google or watching YouTube videos. You can also choose to browse the web privately using Chrome in Incognito mode. And across our services, you can adjust your privacy settings to control what we collect and how your information is used.

To help explain things as clearly as possible, we've added examples, explanatory videos, and definitions for [key terms](#). And if you have any questions about this Privacy Policy, you can [contact us](#).

We want you to understand the types of information we collect as you use our services

We collect information to provide better services to all our users — from figuring out basic stuff like which language you speak, to more complex things like which ads you'll find most useful, the people who matter most to you online, or which YouTube videos you might like. The information Google collects, and how that information is used, depends on how you use our services and how you manage your privacy controls.

When you're not signed in to a Google Account, we store the information we collect with unique identifiers tied to the browser, application, or device you're using. This helps us do things like maintain your language preferences across browsing sessions.

When you're signed in, we also collect information that we store with your Google Account, which we treat as personal information.

Things you create or provide to us

When you create a Google Account, you provide us with personal information that includes your name and a password. You can also choose to add a phone number or payment information to your account. Even if you aren't signed in to a Google Account, you might choose to provide us with information — like an email address to receive updates about our services.

We also collect the content you create, upload, or receive from others when using our services. This includes things like email you write and receive, photos and videos you save, docs and spreadsheets you create, and comments you make on YouTube videos.

Information we collect as you use our services

Your apps, browsers & devices

We collect information about the apps, browsers, and devices you use to access Google services, which helps us provide features like automatic product updates and dimming your screen if your battery runs low.

The information we collect includes unique identifiers, browser type and settings, device type and settings, operating system, mobile network information including carrier name and phone number, and application version number. We also collect information about the interaction of your apps, browsers, and devices with our services, including IP address, crash reports, system activity, and the date, time, and referrer URL of your request.

We collect this information when a Google service on your device contacts our servers — for example, when you install an app from the Play Store or when a service checks for automatic updates. If you're using an Android device with Google apps, your device periodically contacts Google servers to provide information about your device and connection to our services. This information includes things like your device type, carrier name, crash reports, and which apps you've installed.

Your activity

We collect information about your activity in our services, which we use to do things like recommend a YouTube video you might like. The activity information we collect may include:

- Terms you search for
- Videos you watch
- Views and interactions with content and ads
- Voice and audio information when you use audio features
- Purchase activity
- People with whom you communicate or share content
- Activity on third-party sites and apps that use our services
- Chrome browsing history you've synced with your Google Account

If you use our services to make and receive calls or send and receive messages, we may collect telephony log information like your phone number, calling-party number, receiving-party number,

forwarding numbers, time and date of calls and messages, duration of calls, routing information, and types of calls.

You can visit your Google Account to find and manage activity information that's saved in your account.



[Go to Google Account](#)

Your location information

We collect information about your location when you use our services, which helps us offer features like driving directions for your weekend getaway or showtimes for movies playing near you.

Your location can be determined with varying degrees of accuracy by:

- GPS
- IP address
- Sensor data from your device
- Information about things near your device, such as Wi-Fi access points, cell towers, and Bluetooth-enabled devices

The types of location data we collect depend in part on your device and account settings. For example, you can [turn your Android device's location on or off](#) using the device's settings app. You can also turn on [Location History](#) if you want to create a private map of where you go with your signed-in devices.

In some circumstances, Google also collects information about you from publicly accessible sources. For example, if your name appears in your local newspaper, Google's Search engine may index that article and display it to other people if they search for your name. We may also collect information about you from trusted partners, including marketing partners who provide us with information about potential customers of our business services, and security partners who provide us with information to protect against abuse. We also receive information from advertisers to provide advertising and research services on their behalf.

We use various technologies to collect and store information, including cookies, pixel tags, local storage, such as browser web storage or application data caches, databases, and server logs.

WHY GOOGLE COLLECTS DATA

We use data to build better services

We use the information we collect from all our services for the following purposes:

Provide our services

We use your information to deliver our services, like processing the terms you search for in order to return results or helping you share content by suggesting recipients from your contacts.

Maintain & improve our services

We also use your information to ensure our services are working as intended, such as tracking outages or troubleshooting issues that you report to us. And we use your information to make improvements to our services — for example, understanding which search terms are most frequently misspelled helps us improve spell-check features used across our services.

Develop new services

We use the information we collect in existing services to help us develop new ones. For example, understanding how people organized their photos in Picasa, Google's first photos app, helped us design and launch Google Photos.

Provide personalized services, including content and ads

We use the information we collect to customize our services for you, including providing recommendations, personalized content, and customized search results. For example, [Security Checkup](#) provides security tips adapted to how you use Google products. And Google Play uses

information like apps you've already installed and videos you've watched on YouTube to suggest new apps you might like.

Depending on your settings, we may also show you personalized ads based on your interests. For example, if you search for "mountain bikes," you may see an ad for sports equipment when you're browsing a site that shows ads served by Google. You can control what information we use to show you ads by visiting your ad settings.

- We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.
- We don't share information that personally identifies you with advertisers, such as your name or email, unless you ask us to. For example, if you see an ad for a nearby flower shop and select the "tap to call" button, we'll connect your call and may share your phone number with the flower shop.



[Go to Ad Settings](#)

Measure performance

We use data for analytics and measurement to understand how our services are used. For example, we analyze data about your visits to our sites to do things like optimize product design. And we also use data about the ads you interact with to help advertisers understand the performance of their ad campaigns. We use a variety of tools to do this, including Google Analytics. When you visit sites that use Google Analytics, Google and a Google Analytics customer may link information about your activity from that site with activity from other sites that use our ad services.

Communicate with you

We use information we collect, like your email address, to interact with you directly. For example, we may send you a notification if we detect suspicious activity, like an attempt to sign in to your Google Account from an unusual location. Or we may let you know about upcoming changes or improvements to our services. And if you contact Google, we'll keep a record of your request in order to help solve any issues you might be facing.

Protect Google, our users, and the public

We use information to help improve the safety and reliability of our services. This includes detecting, preventing, and responding to fraud, abuse, security risks, and technical issues that could harm Google, our users, or the public.

We use different technologies to process your information for these purposes. We use automated systems that analyze your content to provide you with things like customized search results, personalized ads, or other features tailored to how you use our services. And we analyze your content to help us detect abuse such as spam, malware, and illegal content. We also use algorithms to recognize patterns in data. For example, Google Translate helps people communicate across languages by detecting common language patterns in phrases you ask it to translate.

We may combine the information we collect among our services and across your devices for the purposes described above. For example, if you watch videos of guitar players on YouTube, you might see an ad for guitar lessons on a site that uses our ad products. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

If other users already have your email address or other information that identifies you, we may show them your publicly visible Google Account information, such as your name and photo. This helps people identify an email coming from you, for example.

We'll ask for your consent before using your information for a purpose that isn't covered in this Privacy Policy.

YOUR PRIVACY CONTROLS

You have choices regarding the information we collect and how it's used

This section describes key controls for managing your privacy across our services. You can also visit the [Privacy Checkup](#), which provides an opportunity to review and adjust important privacy settings. In addition to these tools, we also offer specific privacy settings in our products — you can learn more in our [Product Privacy Guide](#).



[Go to Privacy Checkup](#)

Managing, reviewing, and updating your information

When you're signed in, you can always review and update information by visiting the services you use. For example, Photos and Drive are both designed to help you manage specific types of content you've saved with Google.

We also built a place for you to review and control information saved in your Google Account.

Your [Google Account](#) includes:

Privacy controls



Activity Controls

Decide what types of activity you'd like saved in your account. For example, you can turn on Location History if you want traffic predictions for your daily commute, or you can save your YouTube Watch History to get better video suggestions.

[Go to Activity Controls](#)



Ad settings

Manage your preferences about the ads shown to you on Google and on sites and apps that [partner with Google](#) to show ads. You can modify your interests, choose whether your personal information is used to make ads more relevant to you, and turn on or off certain advertising services.

[Go to Ad Settings](#)



About you

Control what others see about you across Google services.

[Go to About You](#)

Shared endorsements



Choose whether your name and photo appear next to your activity, like reviews and recommendations, that appear in ads.

[Go to Shared Endorsements](#)



Information you share

If you're a G Suite user, control whom you share information with through your account on Google+.

[Go to Information You Share](#)

Ways to review & update your information



My Activity

My Activity allows you to review and control data that's created when you use Google services, like searches you've done or your visits to Google Play. You can browse by date and by topic, and delete part or all of your activity.

[Go to My Activity](#)



Google Dashboard

Google Dashboard allows you to manage information associated with specific products.

[Go to Dashboard](#)



Your personal information

Manage your contact information, such as your name, email, and phone number.

[Go to Personal Info](#)

When you're signed out, you can manage information associated with your browser or device, including:

- Signed-out search personalization: Choose whether your search activity is used to offer you more relevant results and recommendations.

- YouTube settings: Pause and delete your [YouTube Search History](#) and your [YouTube Watch History](#).
- Ad Settings: [Manage](#) your preferences about the ads shown to you on Google and on sites and apps that partner with Google to show ads.

Exporting, removing & deleting your information

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

You can also [request to remove content](#) from specific Google services based on applicable law.

To delete your information, you can:

- Delete your content from [specific Google services](#)
- Search for and then delete specific items from your account using [My Activity](#)
- [Delete specific Google products](#), including your information associated with those products
- [Delete your entire Google Account](#)



[Delete your information](#)

And finally, [Inactive Account Manager](#) allows you to give someone else access to parts of your Google Account in case you're unexpectedly unable to use your account.

There are other ways to control the information Google collects whether or not you're signed in to a Google Account, including:

- Browser settings: For example, you can configure your browser to indicate when Google has set a [cookie](#) in your browser. You can also configure your browser to block all cookies from a specific domain or all domains. But remember that our services [rely on cookies to function properly](#), for things like remembering your language preferences.
 - Device-level settings: Your device may have controls that determine what information we collect. For example, you can [modify location settings](#) on your Android device.
-

SHARING YOUR INFORMATION

When you share your information

Many of our services let you share information with other people, and you have control over how you share. For example, you can share videos on YouTube publicly or you can decide to keep your videos private. Remember, when you share information publicly, your content may become accessible through search engines, including Google Search.

When you're signed in and interact with some Google services, like leaving comments on a YouTube video or reviewing an app in Play, your name and photo appear next to your activity. We may also display this information in [ads depending on your Shared endorsements setting](#).

When Google shares your information

We do not share your personal information with companies, organizations, or individuals outside of Google except in the following cases:

With your consent

We'll share personal information outside of Google when we have your consent. For example, if you [use Google Home to make a reservation](#) through a booking service, we'll get your permission before sharing your name or phone number with the restaurant. We'll ask for your explicit consent to share any [sensitive personal information](#).

With domain administrators

If you're a student or work for an organization that uses Google services (like G Suite), your [domain administrator](#) and resellers who manage your account will have access to your Google Account. They may be able to:

- Access and retain information stored in your account, like your email
- View statistics regarding your account, like how many apps you install
- Change your account password
- Suspend or terminate your account access
- Receive your account information in order to satisfy applicable law, regulation, legal process, or enforceable governmental request
- Restrict your ability to delete or edit your information or your privacy settings

For external processing

We provide personal information to our [affiliates](#) and other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures. For example, we use service providers to help us with customer support.

For legal reasons

We will share personal information outside of Google if we have a good-faith belief that access, use, preservation, or disclosure of the information is reasonably necessary to:

- Meet any applicable law, regulation, [legal process](#), or [enforceable governmental request](#). We share information about the number and type of requests we receive from governments in our [Transparency Report](#).
- Enforce applicable Terms of Service, including investigation of potential violations.
- Detect, prevent, or otherwise address fraud, security, or technical issues.
- Protect against harm to the rights, property or safety of Google, our users, or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners — like publishers, advertisers, developers, or rights holders. For example, we share information publicly to show trends about the general use of our services. We also allow specific partners to collect information from your browser or device for advertising and measurement purposes using their own cookies or similar technologies.

If Google is involved in a merger, acquisition, or sale of assets, we'll continue to ensure the confidentiality of your personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

KEEPING YOUR INFORMATION SECURE

We build security into our services to protect your information

All Google products are built with strong security features that continuously protect your information. The insights we gain from maintaining our services help us detect and automatically block security threats from ever reaching you. And if we do detect something risky that we think you should know about, we'll notify you and help guide you through steps to stay better protected.

We work hard to protect you and Google from unauthorized access, alteration, disclosure, or destruction of information we hold, including:

- We use encryption to keep your data private while in transit
 - We offer a range of security features, like [Safe Browsing](#), Security Checkup, and [2 Step Verification](#) to help you protect your account
 - We review our information collection, storage, and processing practices, including physical security measures, to prevent unauthorized access to our systems
 - We restrict access to personal information to Google employees, contractors, and agents who need that information in order to process it. Anyone with this access is subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.
-

EXPORTING & DELETING YOUR INFORMATION

You can export a copy of your information or delete it from your Google Account at any time

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



Export your data

To delete your information, you can:

- Delete your content from [specific Google services](#)
- Search for and then delete specific items from your account using [My Activity](#)
- [Delete specific Google products](#), including your information associated with those products
- [Delete your entire Google Account](#)



Delete your information

RETAINING YOUR INFORMATION

We retain the data we collect for different periods of time depending on what it is, how we use it, and how you configure your settings:

- Some data you can delete whenever you like, such as the content you create or upload. You can also delete [activity information](#) saved in your account, or [choose to have it deleted automatically](#) after a set period of time.
- Other data is deleted or anonymized automatically after a set period of time, such as [advertising data](#) in server logs.
- We keep some data until you delete your Google Account, such as information about how often you use our services.

- And some data we retain for longer periods of time when necessary for legitimate business or legal purposes, such as security, fraud and abuse prevention, or financial record-keeping.

When you delete data, we follow a deletion process to make sure that your data is safely and completely removed from our servers or retained only in anonymized form. We try to ensure that our services protect information from accidental or malicious deletion. Because of this, there may be delays between when you delete something and when copies are deleted from our active and backup systems.

You can read more about Google's [data retention periods](#), including how long it takes us to delete your information.

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We regularly review this Privacy Policy and make sure that we process your information in ways that comply with it.

Data transfers

We maintain [servers around the world](#) and your information may be processed on servers located outside of the country where you live. Data protection laws vary among countries, with some providing more protection than others. Regardless of where your information is processed, we apply the same protections described in this policy. We also comply with certain [legal frameworks](#) relating to the transfer of data, such as the EU-U.S. and Swiss-U.S. Privacy Shield Frameworks.

When we receive formal written complaints, we respond by contacting the person who made the complaint. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of your data that we cannot resolve with you directly.

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- We explain how Google uses information in [Why Google collects data](#).
- We explain when Google may share information in [Sharing your information](#). Google does not sell your personal information.

The CCPA also provides the right to request information about how Google collects, uses, and discloses your personal information. And it gives you the right to access your information and request that Google delete that information. Finally, the CCPA provides the right to not be discriminated against for exercising your privacy rights.

We describe the choices you have to manage your privacy and data across Google's services in [Your privacy controls](#). You can exercise your rights by using these controls, which allow you to access, review, update and delete your information, as well as [export and download](#) a copy of it. When you use them, we'll validate your request by verifying that you're signed in to your Google Account. If you have questions or requests related to your rights under the CCPA, you (or your authorized agent) can also [contact Google](#).

The CCPA requires a description of data practices using specific categories. This table uses these categories to organize the information in this Privacy Policy.

Categories of personal information we collect

Identifiers such as your [name](#), [phone number](#), and address, as well as [unique identifiers](#) tied to the browser, application, or device you're using.

Demographic information, such as your [age](#), [gender](#) and [language](#).

Commercial information such as your [payment information](#) and a history of [purchases](#) you make on Google's services.

Biometric information if you choose to provide it, such as fingerprints in Google's product development studies.

Internet, network, and other activity information such as your search terms; views and interactions with content and ads; Chrome browsing history you've synced with your Google Account; information about the interaction of your apps, browsers, and devices with our services (like IP address, crash

about the interaction of your apps, browsers, and devices with our services (like IP address, crash reports, and system activity); and activity on third-party sites and apps that use our services. You can review and control activity data stored in your Google Account in [My Activity](#).

Geolocation data, such as may be determined by GPS, IP address, and other data from sensors on or around your device, depending in part on your device and account settings. Learn more about [Google's use of location information](#).

Audio, electronic, visual and similar information, such as [voice and audio information](#) when you use audio features.

Professional, employment, and education information, such as information [you provide](#) or that is maintained through a G Suite account by an organization at which you study or work.

Other information you create or provide, such as the content you create, upload, or receive (like photos and videos or emails, docs and spreadsheets). [Google Dashboard](#) allows you to manage information associated with specific products.

Inferences drawn from the above, like your [ads interest categories](#).

Business purposes for which information may be used or disclosed

Protecting against security threats, abuse, and illegal activity: Google uses and may disclose information to detect, prevent and respond to security incidents, and for protecting against other malicious, deceptive, fraudulent, or illegal activity. For example, to protect our services, Google may receive or disclose information about IP addresses that malicious actors have compromised.

Auditing and measurement: Google uses information for analytics and measurement to understand how our services are used, as well as to fulfill obligations to our partners like publishers, advertisers, developers, or rights holders. We may disclose non-personally identifiable information publicly and with these partners, including for auditing purposes.

Maintaining our services: Google uses information to ensure our services are working as intended, such as tracking outages or troubleshooting bugs and other issues that you report to us.

Research and development: Google uses information to improve our services and to develop new products, features and technologies that benefit our users and the public. For example, we use publicly available information to help train Google's language models and build features like Google

Translate.

Use of service providers: Google shares information with service providers to perform services on our behalf, in compliance with our Privacy Policy and other appropriate confidentiality and security measures. For example, we may rely on service providers to help provide customer support.

Advertising: Google processes information, including online identifiers and information about your interactions with advertisements, to provide advertising. This keeps Google's services and many of the websites and services you use free of charge. You can control what information we use to show you ads by visiting your [ad settings](#).

Legal reasons: Google also uses information to satisfy applicable laws or regulations, and discloses information in response to legal process or enforceable government requests, including to law enforcement. We provide information about the number and type of requests we receive from governments in our [Transparency Report](#).

Parties with whom information may be shared

Other people with whom you choose to share your information, like docs or photos, and videos or comments on YouTube.

Third parties to whom you consent to sharing your information, such as services that integrate with Google's services. You can [review and manage third party apps and sites](#) with access to data in your Google Account.

Service providers, trusted businesses or persons that process information on Google's behalf, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

Domain administrators, if you work or study at an organization that uses Google services like G Suite.

Law enforcement or other third parties, for the legal reasons described in [Sharing your information](#).

ABOUT THIS POLICY

When this policy applies

This Privacy Policy applies to all of the services offered by Google LLC and its affiliates, including YouTube, Android, and services offered on third-party sites, such as advertising services. This Privacy Policy doesn't apply to services that have separate privacy policies that do not incorporate this Privacy Policy.

This Privacy Policy doesn't apply to:

- The information practices of other companies and organizations that advertise our services
- Services offered by other companies or individuals, including products or sites that may include Google services, be displayed to you in search results, or be linked from our services

Changes to this policy

We change this Privacy Policy from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We always indicate the date the last changes were published and we offer access to [archived versions](#) for your review. If changes are significant, we'll provide a more prominent notice (including, for certain services, email notification of Privacy Policy changes).

RELATED PRIVACY PRACTICES

Specific Google services

The following privacy notices provide additional information about some Google services:

- [Chrome & the Chrome Operating System](#)
- [Payments](#)
- [Fiber](#)
- [Google Fi](#)
- [G Suite for Education](#)
- [Read Along](#)

- [YouTube Kids](#)
- [Google Accounts Managed with Family Link, for Children under 13 \(or applicable age in your country\)](#)
- [Voice and Audio Collection from Children's Features on the Google Assistant](#)

Other useful resources

The following links highlight useful resources for you to learn more about our practices and privacy settings.

- [Your Google Account](#) is home to many of the settings you can use to manage your account
 - [Privacy Checkup](#) guides you through key privacy settings for your Google Account
 - [Google's safety center](#) helps you learn more about our built-in security, privacy controls, and tools to help set digital ground rules for your family online
 - [Privacy & Terms](#) provides more context regarding this Privacy Policy and our Terms of Se
-

When you use our services, you're trusting us with your information. We understand this is a big responsibility and work hard to protect your information and put you in control.

This Privacy Policy is meant to help you understand what information we collect, why we collect it, and how you can update, manage, export, and delete your information.



Privacy Checkup

Looking to change your privacy settings?

[Take the Privacy Checkup](#)

Effective September 30, 2020

[Archived versions](#)

We build a range of services that help millions of people daily to explore and interact with the world in new ways. Our services include:

- Google apps, sites, and devices, like Search, YouTube, and Google Home
- Platforms like the Chrome browser and Android operating system
- Products that are integrated into third-party apps and sites, like ads and embedded Google Maps

You can use our services in a variety of ways to manage your privacy. For example, you can sign up for a Google Account if you want to create and manage content like emails and photos, or see more relevant search results. And you can use many Google services when you're signed out or without creating an account at all, like searching on Google or watching YouTube videos. You can also choose to browse the web privately using Chrome in Incognito mode. And across our services, you can adjust your privacy settings to control what we collect and how your information is used.

To help explain things as clearly as possible, we've added examples, explanatory videos, and definitions for [key terms](#). And if you have any questions about this Privacy Policy, you can [contact us](#).

We want you to understand the types of information we collect as you use our services

We collect information to provide better services to all our users — from figuring out basic stuff like which language you speak, to more complex things like which ads you'll find most useful, the people who matter most to you online, or which YouTube videos you might like. The information Google collects, and how that information is used, depends on how you use our services and how you manage your privacy controls.

When you're not signed in to a Google Account, we store the information we collect with unique identifiers tied to the browser, application, or device you're using. This helps us do things like maintain your language preferences across browsing sessions.

When you're signed in, we also collect information that we store with your Google Account, which we treat as personal information.

Things you create or provide to us

When you create a Google Account, you provide us with personal information that includes your name and a password. You can also choose to add a phone number or payment information to your account. Even if you aren't signed in to a Google Account, you might choose to provide us with information — like an email address to receive updates about our services.

We also collect the content you create, upload, or receive from others when using our services. This includes things like email you write and receive, photos and videos you save, docs and spreadsheets you create, and comments you make on YouTube videos.

Information we collect as you use our services

Your apps, browsers & devices

We collect information about the apps, browsers, and devices you use to access Google services, which helps us provide features like automatic product updates and dimming your screen if your battery runs low.

The information we collect includes unique identifiers, browser type and settings, device type and settings, operating system, mobile network information including carrier name and phone number, and application version number. We also collect information about the interaction of your apps, browsers, and devices with our services, including IP address, crash reports, system activity, and the date, time, and referrer URL of your request.

We collect this information when a Google service on your device contacts our servers — for example, when you install an app from the Play Store or when a service checks for automatic updates. If you're using an Android device with Google apps, your device periodically contacts Google servers to provide information about your device and connection to our services. This information includes things like your device type, carrier name, crash reports, and which apps you've installed.

Your activity

We collect information about your activity in our services, which we use to do things like recommend a YouTube video you might like. The activity information we collect may include:

- Terms you search for
- Videos you watch
- Views and interactions with content and ads
- Voice and audio information when you use audio features
- Purchase activity
- People with whom you communicate or share content
- Activity on third-party sites and apps that use our services
- Chrome browsing history you've synced with your Google Account

If you use our services to make and receive calls or send and receive messages, we may collect telephony log information like your phone number, calling-party number, receiving-party number,

forwarding numbers, time and date of calls and messages, duration of calls, routing information, and types of calls.

You can visit your Google Account to find and manage activity information that's saved in your account.



[Go to Google Account](#)

Your location information

We collect information about your location when you use our services, which helps us offer features like driving directions for your weekend getaway or showtimes for movies playing near you.

Your location can be determined with varying degrees of accuracy by:

- GPS
- IP address
- Sensor data from your device
- Information about things near your device, such as Wi-Fi access points, cell towers, and Bluetooth-enabled devices

The types of location data we collect depend in part on your device and account settings. For example, you can [turn your Android device's location on or off](#) using the device's settings app. You can also turn on [Location History](#) if you want to create a private map of where you go with your signed-in devices.

In some circumstances, Google also collects information about you from publicly accessible sources. For example, if your name appears in your local newspaper, Google's Search engine may index that article and display it to other people if they search for your name. We may also collect information about you from trusted partners, including marketing partners who provide us with information about potential customers of our business services, and security partners who provide us with information to protect against abuse. We also receive information from advertisers to provide advertising and research services on their behalf.

We use various technologies to collect and store information, including cookies, pixel tags, local storage, such as browser web storage or application data caches, databases, and server logs.

WHY GOOGLE COLLECTS DATA

We use data to build better services

We use the information we collect from all our services for the following purposes:

Provide our services

We use your information to deliver our services, like processing the terms you search for in order to return results or helping you share content by suggesting recipients from your contacts.

Maintain & improve our services

We also use your information to ensure our services are working as intended, such as tracking outages or troubleshooting issues that you report to us. And we use your information to make improvements to our services — for example, understanding which search terms are most frequently misspelled helps us improve spell-check features used across our services.

Develop new services

We use the information we collect in existing services to help us develop new ones. For example, understanding how people organized their photos in Picasa, Google's first photos app, helped us design and launch Google Photos.

Provide personalized services, including content and ads

We use the information we collect to customize our services for you, including providing recommendations, personalized content, and customized search results. For example, [Security Checkup](#) provides security tips adapted to how you use Google products. And Google Play uses

information like apps you've already installed and videos you've watched on YouTube to suggest new apps you might like.

Depending on your settings, we may also show you personalized ads based on your interests. For example, if you search for "mountain bikes," you may see an ad for sports equipment when you're browsing a site that shows ads served by Google. You can control what information we use to show you ads by visiting your ad settings.

- We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.
- We don't share information that personally identifies you with advertisers, such as your name or email, unless you ask us to. For example, if you see an ad for a nearby flower shop and select the "tap to call" button, we'll connect your call and may share your phone number with the flower shop.



[Go to Ad Settings](#)

Measure performance

We use data for analytics and measurement to understand how our services are used. For example, we analyze data about your visits to our sites to do things like optimize product design. And we also use data about the ads you interact with to help advertisers understand the performance of their ad campaigns. We use a variety of tools to do this, including Google Analytics. When you visit sites that use Google Analytics, Google and a Google Analytics customer may link information about your activity from that site with activity from other sites that use our ad services.

Communicate with you

We use information we collect, like your email address, to interact with you directly. For example, we may send you a notification if we detect suspicious activity, like an attempt to sign in to your Google Account from an unusual location. Or we may let you know about upcoming changes or improvements to our services. And if you contact Google, we'll keep a record of your request in order to help solve any issues you might be facing.

Protect Google, our users, and the public

We use information to help improve the safety and reliability of our services. This includes detecting, preventing, and responding to fraud, abuse, security risks, and technical issues that could harm Google, our users, or the public.

We use different technologies to process your information for these purposes. We use automated systems that analyze your content to provide you with things like customized search results, personalized ads, or other features tailored to how you use our services. And we analyze your content to help us detect abuse such as spam, malware, and illegal content. We also use algorithms to recognize patterns in data. For example, Google Translate helps people communicate across languages by detecting common language patterns in phrases you ask it to translate.

We may combine the information we collect among our services and across your devices for the purposes described above. For example, if you watch videos of guitar players on YouTube, you might see an ad for guitar lessons on a site that uses our ad products. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

If other users already have your email address or other information that identifies you, we may show them your publicly visible Google Account information, such as your name and photo. This helps people identify an email coming from you, for example.

We'll ask for your consent before using your information for a purpose that isn't covered in this Privacy Policy.

YOUR PRIVACY CONTROLS

You have choices regarding the information we collect and how it's used

This section describes key controls for managing your privacy across our services. You can also visit the [Privacy Checkup](#), which provides an opportunity to review and adjust important privacy settings. In addition to these tools, we also offer specific privacy settings in our products — you can learn more in our [Product Privacy Guide](#).



[Go to Privacy Checkup](#)

Managing, reviewing, and updating your information

When you're signed in, you can always review and update information by visiting the services you use. For example, Photos and Drive are both designed to help you manage specific types of content you've saved with Google.

We also built a place for you to review and control information saved in your Google Account.

Your [Google Account](#) includes:

Privacy controls



Activity Controls

Decide what types of activity you'd like saved in your account. For example, you can turn on Location History if you want traffic predictions for your daily commute, or you can save your YouTube Watch History to get better video suggestions.

[Go to Activity Controls](#)



Ad settings

Manage your preferences about the ads shown to you on Google and on sites and apps that [partner with Google](#) to show ads. You can modify your interests, choose whether your personal information is used to make ads more relevant to you, and turn on or off certain advertising services.

[Go to Ad Settings](#)



About you

Control what others see about you across Google services.

[Go to About You](#)

Shared endorsements



Choose whether your name and photo appear next to your activity, like reviews and recommendations, that appear in ads.

[Go to Shared Endorsements](#)

Ways to review & update your information



My Activity

My Activity allows you to review and control data that's created when you use Google services, like searches you've done or your visits to Google Play. You can browse by date and by topic, and delete part or all of your activity.

[Go to My Activity](#)



Google Dashboard

Google Dashboard allows you to manage information associated with specific products.

[Go to Dashboard](#)



Your personal information

Manage your contact information, such as your name, email, and phone number.

[Go to Personal Info](#)

When you're signed out, you can manage information associated with your browser or device, including:

- Signed-out search personalization: [Choose](#) whether your search activity is used to offer you more relevant results and recommendations.
- YouTube settings: Pause and delete your [YouTube Search History](#) and your [YouTube Watch History](#).
- Ad Settings: [Manage](#) your preferences about the ads shown to you on Google and on sites and apps that partner with Google to show ads.

Exporting, removing & deleting your information

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

You can also [request to remove content](#) from specific Google services based on applicable law.

To delete your information, you can:

- Delete your content from [specific Google services](#)
- Search for and then delete specific items from your account using [My Activity](#)
- [Delete specific Google products](#), including your information associated with those products
- [Delete your entire Google Account](#)



[Delete your information](#)

And finally, [Inactive Account Manager](#) allows you to give someone else access to parts of your Google Account in case you're unexpectedly unable to use your account.

There are other ways to control the information Google collects whether or not you're signed in to a Google Account, including:

- Browser settings: For example, you can configure your browser to indicate when Google has set a [cookie](#) in your browser. You can also configure your browser to block all cookies from a specific domain or all domains. But remember that our services [rely on cookies to function properly](#), for things like remembering your language preferences.

- Device-level settings: Your device may have controls that determine what information we collect. For example, you can [modify location settings](#) on your Android device.
-

SHARING YOUR INFORMATION

When you share your information

Many of our services let you share information with other people, and you have control over how you share. For example, you can share videos on YouTube publicly or you can decide to keep your videos private. Remember, when you share information publicly, your content may become accessible through search engines, including Google Search.

When you're signed in and interact with some Google services, like leaving comments on a YouTube video or reviewing an app in Play, your name and photo appear next to your activity. We may also display this information in [ads depending on your Shared endorsements setting](#).

When Google shares your information

We do not share your personal information with companies, organizations, or individuals outside of Google except in the following cases:

With your consent

We'll share personal information outside of Google when we have your consent. For example, if you [use Google Home to make a reservation](#) through a booking service, we'll get your permission before sharing your name or phone number with the restaurant. We'll ask for your explicit consent to share any [sensitive personal information](#).

With domain administrators

If you're a student or work for an organization that uses Google services, your [domain administrator](#) and resellers who manage your account will have access to your Google Account. They may be able to:

- Access and retain information stored in your account, like your email
- View statistics regarding your account, like how many apps you install
- Change your account password
- Suspend or terminate your account access
- Receive your account information in order to satisfy applicable law, regulation, legal process, or enforceable governmental request
- Restrict your ability to delete or edit your information or your privacy settings

For external processing

We provide personal information to our affiliates and other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures. For example, we use service providers to help us with customer support.

For legal reasons

We will share personal information outside of Google if we have a good-faith belief that access, use, preservation, or disclosure of the information is reasonably necessary to:

- Meet any applicable law, regulation, legal process, or enforceable governmental request. We share information about the number and type of requests we receive from governments in our [Transparency Report](#).
- Enforce applicable Terms of Service, including investigation of potential violations.
- Detect, prevent, or otherwise address fraud, security, or technical issues.
- Protect against harm to the rights, property or safety of Google, our users, or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners — like publishers, advertisers, developers, or rights holders. For example, we share information publicly to show trends about the general use of our services. We also allow specific partners to collect information from

your browser or device for advertising and measurement purposes using their own cookies or similar technologies.

If Google is involved in a merger, acquisition, or sale of assets, we'll continue to ensure the confidentiality of your personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

KEEPING YOUR INFORMATION SECURE

We build security into our services to protect your information

All Google products are built with strong security features that continuously protect your information. The insights we gain from maintaining our services help us detect and automatically block security threats from ever reaching you. And if we do detect something risky that we think you should know about, we'll notify you and help guide you through steps to stay better protected.

We work hard to protect you and Google from unauthorized access, alteration, disclosure, or destruction of information we hold, including:

- We use encryption to keep your data private while in transit
 - We offer a range of security features, like [Safe Browsing](#), Security Checkup, and [2 Step Verification](#)to help you protect your account
 - We review our information collection, storage, and processing practices, including physical security measures, to prevent unauthorized access to our systems
 - We restrict access to personal information to Google employees, contractors, and agents who need that information in order to process it. Anyone with this access is subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.
-

EXPORTING & DELETING YOUR INFORMATION

You can export a copy of your information or delete it from your Google Account at any time

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

To delete your information, you can:

- Delete your content from [specific Google services](#)
 - Search for and then delete specific items from your account using [My Activity](#)
 - [Delete specific Google products](#), including your information associated with those products
 - [Delete your entire Google Account](#)
-



[Delete your information](#)

RETAINING YOUR INFORMATION

We retain the data we collect for different periods of time depending on what it is, how we use it, and how you configure your settings:

- Some data you can delete whenever you like, such as the content you create or upload. You can also delete [activity information](#) saved in your account, or [choose to have it deleted automatically](#) after a set period of time.
- Other data is deleted or anonymized automatically after a set period of time, such as [advertising data](#) in server logs.
- We keep some data until you delete your Google Account, such as information about how often you use our services.
- And some data we retain for longer periods of time when necessary for legitimate business or legal purposes, such as security, fraud and abuse prevention, or financial record-keeping.

When you delete data, we follow a deletion process to make sure that your data is safely and completely removed from our servers or retained only in anonymized form. We try to ensure that our services protect information from accidental or malicious deletion. Because of this, there may be delays between when you delete something and when copies are deleted from our active and backup systems.

You can read more about Google's [data retention periods](#), including how long it takes us to delete your information.

COMPLIANCE & COOPERATION WITH REGULATORS

We regularly review this Privacy Policy and make sure that we process your information in ways that comply with it.

Data transfers

We maintain [servers around the world](#) and your information may be processed on servers located outside of the country where you live. Data protection laws vary among countries, with some providing more protection than others. Regardless of where your information is processed, we apply the same protections described in this policy. We also comply with certain [legal frameworks](#) relating to the transfer of data.

When we receive formal written complaints, we respond by contacting the person who made the complaint. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of your data that we cannot resolve with you directly.

California requirements

The California Consumer Privacy Act (CCPA) requires specific disclosures for California residents.

This Privacy Policy is designed to help you understand how Google handles your information:

- We explain the categories of information Google collects and the sources of that information in [Information Google collects](#).

- We explain how Google uses information in [Why Google collects data](#).
- We explain when Google may share information in [Sharing your information](#). Google does not sell your personal information.

The CCPA also provides the right to request information about how Google collects, uses, and discloses your personal information. And it gives you the right to access your information and request that Google delete that information. Finally, the CCPA provides the right to not be discriminated against for exercising your privacy rights.

We describe the choices you have to manage your privacy and data across Google's services in [Your privacy controls](#). You can exercise your rights by using these controls, which allow you to access, review, update and delete your information, as well as [export and download](#) a copy of it. When you use them, we'll validate your request by verifying that you're signed in to your Google Account. If you have questions or requests related to your rights under the CCPA, you (or your authorized agent) can also [contact Google](#).

The CCPA requires a description of data practices using specific categories. This table uses these categories to organize the information in this Privacy Policy.

Categories of personal information we collect

Identifiers such as your [name](#), [phone number](#), and address, as well as [unique identifiers](#) tied to the browser, application, or device you're using.

Demographic information, such as your [age](#), [gender](#) and [language](#).

Commercial information such as your [payment information](#) and a history of [purchases](#) you make on Google's services.

Biometric information if you choose to provide it, such as fingerprints in Google's product development studies.

Internet, network, and other activity information such as your search terms; views and interactions with content and ads; Chrome browsing history you've synced with your Google Account; information about the interaction of your apps, browsers, and devices with our services (like IP address, crash reports, and system activity); and activity on third-party sites and apps that use our services. You can review and control activity data stored in your Google Account in [My Activity](#).

Geolocation data, such as may be determined by GPS, IP address, and other data from sensors on or around your device, depending in part on your device and account settings. Learn more about [Google's use of location information](#).

Audio, electronic, visual and similar information, such as [voice and audio information](#) when you use audio features.

Professional, employment, and education information, such as information [you provide](#) or that is maintained through a G Suite account by an organization at which you study or work.

Other information you create or provide, such as the content you create, upload, or receive (like photos and videos or emails, docs and spreadsheets). [Google Dashboard](#) allows you to manage information associated with specific products.

Inferences drawn from the above, like your [ads interest categories](#).

Business purposes for which information may be used or disclosed

Protecting against security threats, abuse, and illegal activity: Google uses and may disclose information to detect, prevent and respond to security incidents, and for protecting against other malicious, deceptive, fraudulent, or illegal activity. For example, to protect our services, Google may receive or disclose information about IP addresses that malicious actors have compromised.

Auditing and measurement: Google uses information for analytics and measurement to understand how our services are used, as well as to fulfill obligations to our partners like publishers, advertisers, developers, or rights holders. We may disclose non-personally identifiable information publicly and with these partners, including for auditing purposes.

Maintaining our services: Google uses information to ensure our services are working as intended, such as tracking outages or troubleshooting bugs and other issues that you report to us.

Research and development: Google uses information to improve our services and to develop new products, features and technologies that benefit our users and the public. For example, we use publicly available information to help train Google's language models and build features like Google Translate.

Use of service providers: Google shares information with service providers to perform services on our behalf, in compliance with our Privacy Policy and other appropriate confidentiality and security

measures. For example, we may rely on service providers to help provide customer support.

Advertising: Google processes information, including online identifiers and information about your interactions with advertisements, to provide advertising. This keeps Google's services and many of the websites and services you use free of charge. You can control what information we use to show you ads by visiting your [ad settings](#).

Legal reasons: Google also uses information to satisfy applicable laws or regulations, and discloses information in response to legal process or enforceable government requests, including to law enforcement. We provide information about the number and type of requests we receive from governments in our [Transparency Report](#).

Parties with whom information may be shared

Other people with whom you choose to share your information, like docs or photos, and videos or comments on YouTube.

Third parties to whom you consent to sharing your information, such as services that integrate with Google's services. You can [review and manage third party apps and sites](#) with access to data in your Google Account.

Service providers, trusted businesses or persons that process information on Google's behalf, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

Domain administrators, if you work or study at an organization that uses Google services like G Suite.

Law enforcement or other third parties, for the legal reasons described in [Sharing your information](#).

ABOUT THIS POLICY

When this policy applies

This Privacy Policy applies to all of the services offered by Google LLC and its affiliates, including YouTube, Android, and services offered on third-party sites, such as advertising services. This Privacy

Policy doesn't apply to services that have separate privacy policies that do not incorporate this Privacy Policy.

This Privacy Policy doesn't apply to:

- The information practices of other companies and organizations that advertise our services
- Services offered by other companies or individuals, including products or sites that may include Google services, be displayed to you in search results, or be linked from our services

Changes to this policy

We change this Privacy Policy from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We always indicate the date the last changes were published and we offer access to [archived versions](#) for your review. If changes are significant, we'll provide a more prominent notice (including, for certain services, email notification of Privacy Policy changes).

RELATED PRIVACY PRACTICES

Specific Google services

The following privacy notices provide additional information about some Google services:

- [Chrome & the Chrome Operating System](#)
- [Payments](#)
- [Fiber](#)
- [Google Fi](#)
- [G Suite for Education](#)
- [Read Along](#)
- [YouTube Kids](#)
- [Google Accounts Managed with Family Link, for Children under 13 \(or applicable age in your country\)](#)

- [Voice and Audio Collection from Children's Features on the Google Assistant](#)

Other useful resources

The following links highlight useful resources for you to learn more about our practices and privacy settings.

- [Your Google Account](#) is home to many of the settings you can use to manage your account
- [Privacy Checkup](#) guides you through key privacy settings for your Google Account
- [Google's safety center](#) helps you learn more about our built-in security, privacy controls, and tools to help set digital ground rules for your family online
- [Privacy & Terms](#) provides more context regarding this Privacy Policy and our Terms of Service
- [Technologies](#) includes more information about:
 - [How Google uses cookies](#)
 - Technologies used for [Advertising](#)
 - [How Google uses pattern recognition to recognize things like faces in photos](#)
 - [How Google uses information from sites or apps that use our services](#)

When you use our services, you're trusting us with your information. We understand this is a big responsibility and work hard to protect your information and put you in control.

This Privacy Policy is meant to help you understand what information we collect, why we collect it, and how you can update, manage, export, and delete your information.



Privacy Checkup

Looking to change your privacy settings?

[Take the Privacy Checkup](#)

Effective February 4, 2021

[Archived versions](#)

We build a range of services that help millions of people daily to explore and interact with the world in new ways. Our services include:

- Google apps, sites, and devices, like Search, YouTube, and Google Home
- Platforms like the Chrome browser and Android operating system
- Products that are integrated into third-party apps and sites, like ads and embedded Google Maps

You can use our services in a variety of ways to manage your privacy. For example, you can sign up for a Google Account if you want to create and manage content like emails and photos, or see more relevant search results. And you can use many Google services when you're signed out or without creating an account at all, like searching on Google or watching YouTube videos. You can also choose to browse the web privately using Chrome in Incognito mode. And across our services, you can adjust your privacy settings to control what we collect and how your information is used.

To help explain things as clearly as possible, we've added examples, explanatory videos, and definitions for [key terms](#). And if you have any questions about this Privacy Policy, you can [contact us](#).

We want you to understand the types of information we collect as you use our services

We collect information to provide better services to all our users — from figuring out basic stuff like which language you speak, to more complex things like which ads you'll find most useful, the people who matter most to you online, or which YouTube videos you might like. The information Google collects, and how that information is used, depends on how you use our services and how you manage your privacy controls.

When you're not signed in to a Google Account, we store the information we collect with unique identifiers tied to the browser, application, or device you're using. This helps us do things like maintain your language preferences across browsing sessions.

When you're signed in, we also collect information that we store with your Google Account, which we treat as personal information.

Things you create or provide to us

When you create a Google Account, you provide us with personal information that includes your name and a password. You can also choose to add a phone number or payment information to your account. Even if you aren't signed in to a Google Account, you might choose to provide us with information — like an email address to receive updates about our services.

We also collect the content you create, upload, or receive from others when using our services. This includes things like email you write and receive, photos and videos you save, docs and spreadsheets you create, and comments you make on YouTube videos.

Information we collect as you use our services

Your apps, browsers & devices

We collect information about the apps, browsers, and devices you use to access Google services, which helps us provide features like automatic product updates and dimming your screen if your battery runs low.

The information we collect includes unique identifiers, browser type and settings, device type and settings, operating system, mobile network information including carrier name and phone number, and application version number. We also collect information about the interaction of your apps, browsers, and devices with our services, including IP address, crash reports, system activity, and the date, time, and referrer URL of your request.

We collect this information when a Google service on your device contacts our servers — for example, when you install an app from the Play Store or when a service checks for automatic updates. If you're using an Android device with Google apps, your device periodically contacts Google servers to provide information about your device and connection to our services. This information includes things like your device type, carrier name, crash reports, and which apps you've installed.

Your activity

We collect information about your activity in our services, which we use to do things like recommend a YouTube video you might like. The activity information we collect may include:

- Terms you search for
- Videos you watch
- Views and interactions with content and ads
- Voice and audio information when you use audio features
- Purchase activity
- People with whom you communicate or share content
- Activity on third-party sites and apps that use our services
- Chrome browsing history you've synced with your Google Account

If you use our services to make and receive calls or send and receive messages, we may collect call and message log information like your phone number, calling-party number, receiving-party number,

forwarding numbers, sender and recipient email address, time and date of calls and messages, duration of calls, routing information, and types and volumes of calls and messages.

You can visit your Google Account to find and manage activity information that's saved in your account.



[Go to Google Account](#)

Your location information

We collect information about your location when you use our services, which helps us offer features like driving directions for your weekend getaway or showtimes for movies playing near you.

Your location can be determined with varying degrees of accuracy by:

- GPS
- IP address
- Sensor data from your device
- Information about things near your device, such as Wi-Fi access points, cell towers, and Bluetooth-enabled devices

The types of location data we collect depend in part on your device and account settings. For example, you can [turn your Android device's location on or off](#) using the device's settings app. You can also turn on [Location History](#) if you want to create a private map of where you go with your signed-in devices.

In some circumstances, Google also collects information about you from [publicly accessible sources](#). For example, if your name appears in your local newspaper, Google's Search engine may index that article and display it to other people if they search for your name. We may also collect information about you from trusted partners, including marketing partners who provide us with information about potential customers of our business services, and security partners who provide us with information to [protect against abuse](#). We also receive information from advertisers to provide [advertising and research services on their behalf](#).

We use various technologies to collect and store information, including cookies, pixel tags, local storage, such as browser web storage or application data caches, databases, and server logs.

WHY GOOGLE COLLECTS DATA

We use data to build better services

We use the information we collect from all our services for the following purposes:

Provide our services

We use your information to deliver our services, like processing the terms you search for in order to return results or helping you share content by suggesting recipients from your contacts.

Maintain & improve our services

We also use your information to ensure our services are working as intended, such as tracking outages or troubleshooting issues that you report to us. And we use your information to make improvements to our services — for example, understanding which search terms are most frequently misspelled helps us improve spell-check features used across our services.

Develop new services

We use the information we collect in existing services to help us develop new ones. For example, understanding how people organized their photos in Picasa, Google's first photos app, helped us design and launch Google Photos.

Provide personalized services, including content and ads

We use the information we collect to customize our services for you, including providing recommendations, personalized content, and customized search results. For example, Security Checkup provides security tips adapted to how you use Google products. And Google Play uses

information like apps you've already installed and videos you've watched on YouTube to suggest new apps you might like.

Depending on your settings, we may also show you personalized ads based on your interests. For example, if you search for "mountain bikes," you may see an ad for sports equipment when you're browsing a site that shows ads served by Google. You can control what information we use to show you ads by visiting your ad settings.

- We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.
- We don't share information that personally identifies you with advertisers, such as your name or email, unless you ask us to. For example, if you see an ad for a nearby flower shop and select the "tap to call" button, we'll connect your call and may share your phone number with the flower shop.



[Go to Ad Settings](#)

Measure performance

We use data for analytics and measurement to understand how our services are used. For example, we analyze data about your visits to our sites to do things like optimize product design. And we also use data about the ads you interact with to help advertisers understand the performance of their ad campaigns. We use a variety of tools to do this, including Google Analytics. When you visit sites that use Google Analytics, a Google Analytics customer may choose to enable Google to link information about your activity from that site with activity from other sites that use our ad services.

Communicate with you

We use information we collect, like your email address, to interact with you directly. For example, we may send you a notification if we detect suspicious activity, like an attempt to sign in to your Google Account from an unusual location. Or we may let you know about upcoming changes or improvements to our services. And if you contact Google, we'll keep a record of your request in order to help solve any issues you might be facing.

Protect Google, our users, and the public

We use information to help improve the safety and reliability of our services. This includes detecting, preventing, and responding to fraud, abuse, security risks, and technical issues that could harm Google, our users, or the public.

We use different technologies to process your information for these purposes. We use automated systems that analyze your content to provide you with things like customized search results, personalized ads, or other features tailored to how you use our services. And we analyze your content to help us detect abuse such as spam, malware, and illegal content. We also use algorithms to recognize patterns in data. For example, Google Translate helps people communicate across languages by detecting common language patterns in phrases you ask it to translate.

We may combine the information we collect among our services and across your devices for the purposes described above. For example, if you watch videos of guitar players on YouTube, you might see an ad for guitar lessons on a site that uses our ad products. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

If other users already have your email address or other information that identifies you, we may show them your publicly visible Google Account information, such as your name and photo. This helps people identify an email coming from you, for example.

We'll ask for your consent before using your information for a purpose that isn't covered in this Privacy Policy.

YOUR PRIVACY CONTROLS

You have choices regarding the information we collect and how it's used

This section describes key controls for managing your privacy across our services. You can also visit the [Privacy Checkup](#), which provides an opportunity to review and adjust important privacy settings. In addition to these tools, we also offer specific privacy settings in our products — you can learn more in our [Product Privacy Guide](#).



[Go to Privacy Checkup](#)

Managing, reviewing, and updating your information

When you're signed in, you can always review and update information by visiting the services you use. For example, Photos and Drive are both designed to help you manage specific types of content you've saved with Google.

We also built a place for you to review and control information saved in your Google Account.

Your [Google Account](#) includes:

Privacy controls



Activity Controls

Decide what types of activity you'd like saved in your account. For example, you can turn on Location History if you want traffic predictions for your daily commute, or you can save your YouTube Watch History to get better video suggestions.

[Go to Activity Controls](#)



Ad settings

Manage your preferences about the ads shown to you on Google and on sites and apps that [partner with Google](#) to show ads. You can modify your interests, choose whether your personal information is used to make ads more relevant to you, and turn on or off certain advertising services.

[Go to Ad Settings](#)



About you

Control what others see about you across Google services.

[Go to About You](#)

Shared endorsements



Choose whether your name and photo appear next to your activity, like reviews and recommendations, that appear in ads.

[Go to Shared Endorsements](#)

Ways to review & update your information



My Activity

My Activity allows you to review and control data that's created when you use Google services, like searches you've done or your visits to Google Play. You can browse by date and by topic, and delete part or all of your activity.

[Go to My Activity](#)



Google Dashboard

Google Dashboard allows you to manage information associated with specific products.

[Go to Dashboard](#)



Your personal information

Manage your contact information, such as your name, email, and phone number.

[Go to Personal Info](#)

When you're signed out, you can manage information associated with your browser or device, including:

- Signed-out search personalization: Choose whether your search activity is used to offer you more relevant results and recommendations.
- YouTube settings: Pause and delete your [YouTube Search History](#) and your [YouTube Watch History](#).
- Ad Settings: Manage your preferences about the ads shown to you on Google and on sites and apps that partner with Google to show ads.

Exporting, removing & deleting your information

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

You can also [request to remove content](#) from specific Google services based on applicable law.

To delete your information, you can:

- Delete your content from [specific Google services](#)
- Search for and then delete specific items from your account using [My Activity](#)
- [Delete specific Google products](#), including your information associated with those products
- [Delete your entire Google Account](#)



[Delete your information](#)

And finally, [Inactive Account Manager](#) allows you to give someone else access to parts of your Google Account in case you're unexpectedly unable to use your account.

There are other ways to control the information Google collects whether or not you're signed in to a Google Account, including:

- Browser settings: For example, you can configure your browser to indicate when Google has set a [cookie](#) in your browser. You can also configure your browser to block all cookies from a specific domain or all domains. But remember that our services [rely on cookies to function properly](#), for things like remembering your language preferences.

- Device-level settings: Your device may have controls that determine what information we collect. For example, you can [modify location settings](#) on your Android device.
-

SHARING YOUR INFORMATION

When you share your information

Many of our services let you share information with other people, and you have control over how you share. For example, you can share videos on YouTube publicly or you can decide to keep your videos private. Remember, when you share information publicly, your content may become accessible through search engines, including Google Search.

When you're signed in and interact with some Google services, like leaving comments on a YouTube video or reviewing an app in Play, your name and photo appear next to your activity. We may also display this information in [ads depending on your Shared endorsements setting](#).

When Google shares your information

We do not share your personal information with companies, organizations, or individuals outside of Google except in the following cases:

With your consent

We'll share personal information outside of Google when we have your consent. For example, if you [use Google Home to make a reservation](#) through a booking service, we'll get your permission before sharing your name or phone number with the restaurant. We'll ask for your explicit consent to share any [sensitive personal information](#).

With domain administrators

If you're a student or work for an organization that uses Google services, your [domain administrator](#) and resellers who manage your account will have access to your Google Account. They may be able to:

- Access and retain information stored in your account, like your email
- View statistics regarding your account, like how many apps you install
- Change your account password
- Suspend or terminate your account access
- Receive your account information in order to satisfy applicable law, regulation, legal process, or enforceable governmental request
- Restrict your ability to delete or edit your information or your privacy settings

For external processing

We provide personal information to our affiliates and other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures. For example, we use service providers to help us with customer support.

For legal reasons

We will share personal information outside of Google if we have a good-faith belief that access, use, preservation, or disclosure of the information is reasonably necessary to:

- Meet any applicable law, regulation, legal process, or enforceable governmental request. We share information about the number and type of requests we receive from governments in our [Transparency Report](#).
- Enforce applicable Terms of Service, including investigation of potential violations.
- Detect, prevent, or otherwise address fraud, security, or technical issues.
- Protect against harm to the rights, property or safety of Google, our users, or the public as required or permitted by law.

We may share non-personally identifiable information publicly and with our partners — like publishers, advertisers, developers, or rights holders. For example, we share information publicly to show trends about the general use of our services. We also allow specific partners to collect information from

your browser or device for advertising and measurement purposes using their own cookies or similar technologies.

If Google is involved in a merger, acquisition, or sale of assets, we'll continue to ensure the confidentiality of your personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

KEEPING YOUR INFORMATION SECURE

We build security into our services to protect your information

All Google products are built with strong security features that continuously protect your information. The insights we gain from maintaining our services help us detect and automatically block security threats from ever reaching you. And if we do detect something risky that we think you should know about, we'll notify you and help guide you through steps to stay better protected.

We work hard to protect you and Google from unauthorized access, alteration, disclosure, or destruction of information we hold, including:

- We use encryption to keep your data private while in transit
 - We offer a range of security features, like [Safe Browsing](#), Security Checkup, and [2 Step Verification](#)to help you protect your account
 - We review our information collection, storage, and processing practices, including physical security measures, to prevent unauthorized access to our systems
 - We restrict access to personal information to Google employees, contractors, and agents who need that information in order to process it. Anyone with this access is subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.
-

EXPORTING & DELETING YOUR INFORMATION

You can export a copy of your information or delete it from your Google Account at any time

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

To delete your information, you can:

- Delete your content from [specific Google services](#)
 - Search for and then delete specific items from your account using [My Activity](#)
 - [Delete specific Google products](#), including your information associated with those products
 - [Delete your entire Google Account](#)
-



[Delete your information](#)

RETAINING YOUR INFORMATION

We retain the data we collect for different periods of time depending on what it is, how we use it, and how you configure your settings:

- Some data you can delete whenever you like, such as the content you create or upload. You can also delete [activity information](#) saved in your account, or [choose to have it deleted automatically](#) after a set period of time.
- Other data is deleted or anonymized automatically after a set period of time, such as [advertising data](#) in server logs.
- We keep some data until you delete your Google Account, such as information about how often you use our services.
- And some data we retain for longer periods of time when necessary for legitimate business or legal purposes, such as security, fraud and abuse prevention, or financial record-keeping.

When you delete data, we follow a deletion process to make sure that your data is safely and completely removed from our servers or retained only in anonymized form. We try to ensure that our services protect information from accidental or malicious deletion. Because of this, there may be delays between when you delete something and when copies are deleted from our active and backup systems.

You can read more about Google's [data retention periods](#), including how long it takes us to delete your information.

COMPLIANCE & COOPERATION WITH REGULATORS

We regularly review this Privacy Policy and make sure that we process your information in ways that comply with it.

Data transfers

We maintain [servers around the world](#) and your information may be processed on servers located outside of the country where you live. Data protection laws vary among countries, with some providing more protection than others. Regardless of where your information is processed, we apply the same protections described in this policy. We also comply with certain [legal frameworks](#) relating to the transfer of data.

When we receive formal written complaints, we respond by contacting the person who made the complaint. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of your data that we cannot resolve with you directly.

California requirements

The California Consumer Privacy Act (CCPA) requires specific disclosures for California residents.

This Privacy Policy is designed to help you understand how Google handles your information:

- We explain the categories of information Google collects and the sources of that information in [Information Google collects](#).

- We explain how Google uses information in [Why Google collects data](#).
- We explain when Google may share information in [Sharing your information](#). Google does not sell your personal information.

The CCPA also provides the right to request information about how Google collects, uses, and discloses your personal information. And it gives you the right to access your information and request that Google delete that information. Finally, the CCPA provides the right to not be discriminated against for exercising your privacy rights.

We describe the choices you have to manage your privacy and data across Google's services in [Your privacy controls](#). You can exercise your rights by using these controls, which allow you to access, review, update and delete your information, as well as [export and download](#) a copy of it. When you use them, we'll validate your request by verifying that you're signed in to your Google Account. If you have questions or requests related to your rights under the CCPA, you (or your authorized agent) can also [contact Google](#).

The CCPA requires a description of data practices using specific categories. This table uses these categories to organize the information in this Privacy Policy.

Categories of personal information we collect

Identifiers such as your [name](#), [phone number](#), and address, as well as [unique identifiers](#) tied to the browser, application, or device you're using.

Demographic information, such as your [age](#), [gender](#) and [language](#).

Commercial information such as your [payment information](#) and a history of [purchases](#) you make on Google's services.

Biometric information if you choose to provide it, such as fingerprints in Google's product development studies.

Internet, network, and other activity information such as your search terms; views and interactions with content and ads; Chrome browsing history you've synced with your Google Account; information about the interaction of your apps, browsers, and devices with our services (like IP address, crash reports, and system activity); and activity on third-party sites and apps that use our services. You can review and control activity data stored in your Google Account in [My Activity](#).

Geolocation data, such as may be determined by GPS, IP address, and other data from sensors on or around your device, depending in part on your device and account settings. Learn more about [Google's use of location information](#).

Audio, electronic, visual and similar information, such as [voice and audio information](#) when you use audio features.

Professional, employment, and education information, such as information [you provide](#) or that is maintained through an organization using Google services at which you study or work.

Other information you create or provide, such as the content you create, upload, or receive (like photos and videos or emails, docs and spreadsheets). [Google Dashboard](#) allows you to manage information associated with specific products.

Inferences drawn from the above, like your [ads interest categories](#).

Business purposes for which information may be used or disclosed

Protecting against security threats, abuse, and illegal activity: Google uses and may disclose information to detect, prevent and respond to security incidents, and for protecting against other malicious, deceptive, fraudulent, or illegal activity. For example, to protect our services, Google may receive or disclose information about IP addresses that malicious actors have compromised.

Auditing and measurement: Google uses information for analytics and measurement to understand how our services are used, as well as to fulfill obligations to our partners like publishers, advertisers, developers, or rights holders. We may disclose non-personally identifiable information publicly and with these partners, including for auditing purposes.

Maintaining our services: Google uses information to ensure our services are working as intended, such as tracking outages or troubleshooting bugs and other issues that you report to us.

Research and development: Google uses information to improve our services and to develop new products, features and technologies that benefit our users and the public. For example, we use publicly available information to help train Google's language models and build features like Google Translate.

Use of service providers: Google shares information with service providers to perform services on our behalf, in compliance with our Privacy Policy and other appropriate confidentiality and security

measures. For example, we may rely on service providers to help provide customer support.

Advertising: Google processes information, including online identifiers and information about your interactions with advertisements, to provide advertising. This keeps Google's services and many of the websites and services you use free of charge. You can control what information we use to show you ads by visiting your [ad settings](#).

Legal reasons: Google also uses information to satisfy applicable laws or regulations, and discloses information in response to legal process or enforceable government requests, including to law enforcement. We provide information about the number and type of requests we receive from governments in our [Transparency Report](#).

Parties with whom information may be shared

Other people with whom you choose to share your information, like docs or photos, and videos or comments on YouTube.

Third parties to whom you consent to sharing your information, such as services that integrate with Google's services. You can [review and manage third party apps and sites](#) with access to data in your Google Account.

Service providers, trusted businesses or persons that process information on Google's behalf, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

Domain administrators, if you work or study at an organization that uses Google services.

Law enforcement or other third parties, for the legal reasons described in [Sharing your information](#).

ABOUT THIS POLICY

When this policy applies

This Privacy Policy applies to all of the services offered by Google LLC and its affiliates, including YouTube, Android, and services offered on third-party sites, such as advertising services. This Privacy

Policy doesn't apply to services that have separate privacy policies that do not incorporate this Privacy Policy.

This Privacy Policy doesn't apply to:

- The information practices of other companies and organizations that advertise our services
- Services offered by other companies or individuals, including products or sites that may include Google services, be displayed to you in search results, or be linked from our services

Changes to this policy

We change this Privacy Policy from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We always indicate the date the last changes were published and we offer access to [archived versions](#) for your review. If changes are significant, we'll provide a more prominent notice (including, for certain services, email notification of Privacy Policy changes).

RELATED PRIVACY PRACTICES

Specific Google services

The following privacy notices provide additional information about some Google services:

- [Chrome & the Chrome Operating System](#)
- [Payments](#)
- [Fiber](#)
- [Google Fi](#)
- [G Suite for Education](#)
- [Read Along](#)
- [YouTube Kids](#)
- [Google Accounts Managed with Family Link, for Children under 13 \(or applicable age in your country\)](#)

- [Voice and Audio Collection from Children's Features on the Google Assistant](#)

If you're a member of an organization that uses Google Workspace or Google Cloud Platform, learn how these services collect and use your personal information in the [Google Cloud Privacy Notice](#).

Other useful resources

The following links highlight useful resources for you to learn more about our practices and privacy settings.

- [Your Google Account](#) is home to many of the settings you can use to manage your account
- [Privacy Checkup](#) guides you through key privacy settings for your Google Account
- [Google's safety center](#) helps you learn more about our built-in security, privacy controls, and tools to help set digital ground rules for your family online
- [Privacy & Terms](#) provides more context regarding this Privacy Policy and our Terms of Service
- [Technologies](#) includes more information about:
 - [How Google uses cookies](#)
 - Technologies used for [Advertising](#)
 - [How Google uses pattern recognition to recognize things like faces in photos](#)
 - [How Google uses information from sites or apps that use our services](#)

When you use our services, you're trusting us with your information. We understand this is a big responsibility and work hard to protect your information and put you in control.

This Privacy Policy is meant to help you understand what information we collect, why we collect it, and how you can update, manage, export, and delete your information.



Privacy Checkup

Looking to change your privacy settings?

[Take the Privacy Checkup](#)

Effective July 1, 2021

[Archived versions](#)

We build a range of services that help millions of people daily to explore and interact with the world in new ways. Our services include:

- Google apps, sites, and devices, like Search, YouTube, and Google Home
- Platforms like the Chrome browser and Android operating system
- Products that are integrated into third-party apps and sites, like ads and embedded Google Maps

You can use our services in a variety of ways to manage your privacy. For example, you can sign up for a Google Account if you want to create and manage content like emails and photos, or see more relevant search results. And you can use many Google services when you're signed out or without creating an account at all, like searching on Google or watching YouTube videos. You can also choose to browse the web privately using Chrome in Incognito mode. And across our services, you can adjust your privacy settings to control what we collect and how your information is used.

To help explain things as clearly as possible, we've added examples, explanatory videos, and definitions for [key terms](#). And if you have any questions about this Privacy Policy, you can [contact us](#).

We want you to understand the types of information we collect as you use our services

We collect information to provide better services to all our users — from figuring out basic stuff like which language you speak, to more complex things like which ads you'll find most useful, the people who matter most to you online, or which YouTube videos you might like. The information Google collects, and how that information is used, depends on how you use our services and how you manage your privacy controls.

When you're not signed in to a Google Account, we store the information we collect with unique identifiers tied to the browser, application, or device you're using. This helps us do things like maintain your language preferences across browsing sessions.

When you're signed in, we also collect information that we store with your Google Account, which we treat as personal information.

Things you create or provide to us

When you create a Google Account, you provide us with personal information that includes your name and a password. You can also choose to add a phone number or payment information to your account. Even if you aren't signed in to a Google Account, you might choose to provide us with information — like an email address to receive updates about our services.

We also collect the content you create, upload, or receive from others when using our services. This includes things like email you write and receive, photos and videos you save, docs and spreadsheets you create, and comments you make on YouTube videos.

Information we collect as you use our services

Your apps, browsers & devices

We collect information about the apps, browsers, and devices you use to access Google services, which helps us provide features like automatic product updates and dimming your screen if your battery runs low.

The information we collect includes unique identifiers, browser type and settings, device type and settings, operating system, mobile network information including carrier name and phone number, and application version number. We also collect information about the interaction of your apps, browsers, and devices with our services, including IP address, crash reports, system activity, and the date, time, and referrer URL of your request.

We collect this information when a Google service on your device contacts our servers — for example, when you install an app from the Play Store or when a service checks for automatic updates. If you're using an Android device with Google apps, your device periodically contacts Google servers to provide information about your device and connection to our services. This information includes things like your device type, carrier name, crash reports, and which apps you've installed.

Your activity

We collect information about your activity in our services, which we use to do things like recommend a YouTube video you might like. The activity information we collect may include:

- Terms you search for
- Videos you watch
- Views and interactions with content and ads
- Voice and audio information when you use audio features
- Purchase activity
- People with whom you communicate or share content
- Activity on third-party sites and apps that use our services
- Chrome browsing history you've synced with your Google Account

If you use our services to make and receive calls or send and receive messages, we may collect call and message log information like your phone number, calling-party number, receiving-party number,

forwarding numbers, sender and recipient email address, time and date of calls and messages, duration of calls, routing information, and types and volumes of calls and messages.

You can visit your Google Account to find and manage activity information that's saved in your account.



[Go to Google Account](#)

Your location information

We collect information about your location when you use our services, which helps us offer features like driving directions for your weekend getaway or showtimes for movies playing near you.

Your location can be determined with varying degrees of accuracy by:

- GPS
- IP address
- Sensor data from your device
- Information about things near your device, such as Wi-Fi access points, cell towers, and Bluetooth-enabled devices

The types of location data we collect depend in part on your device and account settings. For example, you can [turn your Android device's location on or off](#) using the device's settings app. You can also turn on [Location History](#) if you want to create a private map of where you go with your signed-in devices.

In some circumstances, Google also collects information about you from publicly accessible sources. For example, if your name appears in your local newspaper, Google's Search engine may index that article and display it to other people if they search for your name. We may also collect information about you from trusted partners, such as directory services who provide us with business information to be displayed on Google's services, marketing partners who provide us with information about potential customers of our business services, and security partners who provide us with information to protect against abuse. We also receive information from advertisers to provide advertising and research services on their behalf.

We use various technologies to collect and store information, including cookies, pixel tags, local storage, such as browser web storage or application data caches, databases, and server logs.

WHY GOOGLE COLLECTS DATA

We use data to build better services

We use the information we collect from all our services for the following purposes:

Provide our services

We use your information to deliver our services, like processing the terms you search for in order to return results or helping you share content by suggesting recipients from your contacts.

Maintain & improve our services

We also use your information to ensure our services are working as intended, such as tracking outages or troubleshooting issues that you report to us. And we use your information to make improvements to our services — for example, understanding which search terms are most frequently misspelled helps us improve spell-check features used across our services.

Develop new services

We use the information we collect in existing services to help us develop new ones. For example, understanding how people organized their photos in Picasa, Google's first photos app, helped us design and launch Google Photos.

Provide personalized services, including content and ads

We use the information we collect to customize our services for you, including providing recommendations, personalized content, and customized search results. For example, Security Checkup provides security tips adapted to how you use Google products. And Google Play uses

information like apps you've already installed and videos you've watched on YouTube to suggest new apps you might like.

Depending on your settings, we may also show you personalized ads based on your interests. For example, if you search for "mountain bikes," you may see an ad for sports equipment when you're browsing a site that shows ads served by Google. You can control what information we use to show you ads by visiting your ad settings.

- We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.
- We don't show you personalized ads based on your content from Drive, Gmail, or Photos.
- We don't share information that personally identifies you with advertisers, such as your name or email, unless you ask us to. For example, if you see an ad for a nearby flower shop and select the "tap to call" button, we'll connect your call and may share your phone number with the flower shop.



[Go to Ad Settings](#)

Measure performance

We use data for analytics and measurement to understand how our services are used. For example, we analyze data about your visits to our sites to do things like optimize product design. And we also use data about the ads you interact with to help advertisers understand the performance of their ad campaigns. We use a variety of tools to do this, including Google Analytics. When you visit sites that use Google Analytics, a Google Analytics customer may choose to enable Google to link information about your activity from that site with activity from other sites that use our ad services.

Communicate with you

We use information we collect, like your email address, to interact with you directly. For example, we may send you a notification if we detect suspicious activity, like an attempt to sign in to your Google Account from an unusual location. Or we may let you know about upcoming changes or improvements to our services. And if you contact Google, we'll keep a record of your request in order to help solve any issues you might be facing.

Protect Google, our users, and the public

We use information to help improve the safety and reliability of our services. This includes detecting, preventing, and responding to fraud, abuse, security risks, and technical issues that could harm Google, our users, or the public.

We use different technologies to process your information for these purposes. We use automated systems that analyze your content to provide you with things like customized search results, personalized ads, or other features tailored to how you use our services. And we analyze your content to help us detect abuse such as spam, malware, and illegal content. We also use algorithms to recognize patterns in data. For example, Google Translate helps people communicate across languages by detecting common language patterns in phrases you ask it to translate.

We may combine the information we collect among our services and across your devices for the purposes described above. For example, if you watch videos of guitar players on YouTube, you might see an ad for guitar lessons on a site that uses our ad products. Depending on your account settings, your activity on other sites and apps may be associated with your personal information in order to improve Google's services and the ads delivered by Google.

If other users already have your email address or other information that identifies you, we may show them your publicly visible Google Account information, such as your name and photo. This helps people identify an email coming from you, for example.

We'll ask for your consent before using your information for a purpose that isn't covered in this Privacy Policy.

YOUR PRIVACY CONTROLS

You have choices regarding the information we collect and how it's used

This section describes key controls for managing your privacy across our services. You can also visit the [Privacy Checkup](#), which provides an opportunity to review and adjust important privacy settings. In addition to these tools, we also offer specific privacy settings in our products — you can learn more in our [Product Privacy Guide](#).



[Go to Privacy Checkup](#)

Managing, reviewing, and updating your information

When you're signed in, you can always review and update information by visiting the services you use. For example, Photos and Drive are both designed to help you manage specific types of content you've saved with Google.

We also built a place for you to review and control information saved in your Google Account.

Your [Google Account](#) includes:

Privacy controls



Activity Controls

Decide what types of activity you'd like saved in your account. For example, you can turn on Location History if you want traffic predictions for your daily commute, or you can save your YouTube Watch History to get better video suggestions.

[Go to Activity Controls](#)



Ad settings

Manage your preferences about the ads shown to you on Google and on sites and apps that [partner with Google](#) to show ads. You can modify your interests, choose whether your personal information is used to make ads more relevant to you, and turn on or off certain advertising services.

[Go to Ad Settings](#)



About you

Control what others see about you across Google services.

[Go to About You](#)

Shared endorsements



Choose whether your name and photo appear next to your activity, like reviews and recommendations, that appear in ads.

[Go to Shared Endorsements](#)

Ways to review & update your information



My Activity

My Activity allows you to review and control data that's created when you use Google services, like searches you've done or your visits to Google Play. You can browse by date and by topic, and delete part or all of your activity.

[Go to My Activity](#)



Google Dashboard

Google Dashboard allows you to manage information associated with specific products.

[Go to Dashboard](#)



Your personal information

Manage your contact information, such as your name, email, and phone number.

[Go to Personal Info](#)

When you're signed out, you can manage information associated with your browser or device, including:

- Signed-out search personalization: [Choose](#) whether your search activity is used to offer you more relevant results and recommendations.
- YouTube settings: Pause and delete your [YouTube Search History](#) and your [YouTube Watch History](#).
- Ad Settings: [Manage](#) your preferences about the ads shown to you on Google and on sites and apps that partner with Google to show ads.

Exporting, removing & deleting your information

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



Export your data

You can also [request to remove content](#) from specific Google services based on applicable law.

To delete your information, you can:

- Delete your content from [specific Google services](#)
 - Search for and then delete specific items from your account using [My Activity](#)
 - [Delete specific Google products](#), including your information associated with those products
 - [Delete your entire Google Account](#)
-



Delete your information

And finally, [Inactive Account Manager](#) allows you to give someone else access to parts of your Google Account in case you're unexpectedly unable to use your account.

There are other ways to control the information Google collects whether or not you're signed in to a Google Account, including:

- Browser settings: For example, you can configure your browser to indicate when Google has set a [cookie](#) in your browser. You can also configure your browser to block all cookies from a specific domain or all domains. But remember that our services rely on [cookies to function properly](#), for things like remembering your language preferences.
 - Device-level settings: Your device may have controls that determine what information we collect. For example, you can [modify location settings](#) on your Android device.
-

When you share your information

Many of our services let you share information with other people, and you have control over how you share. For example, you can share videos on YouTube publicly or you can decide to keep your videos private. Remember, when you share information publicly, your content may become accessible through search engines, including Google Search.

When you're signed in and interact with some Google services, like leaving comments on a YouTube video or reviewing an app in Play, your name and photo appear next to your activity. We may also display this information in [ads depending on your Shared endorsements setting](#).

When Google shares your information

We do not share your personal information with companies, organizations, or individuals outside of Google except in the following cases:

With your consent

We'll share personal information outside of Google when we have your consent. For example, if you [use Google Home to make a reservation](#) through a booking service, we'll get your permission before sharing your name or phone number with the restaurant. We'll ask for your explicit consent to share any [sensitive](#) personal information.

With domain administrators

If you're a student or work for an organization that uses Google services, your [domain administrator](#) and resellers who manage your account will have access to your Google Account. They may be able to:

- Access and retain information stored in your account, like your email
- View statistics regarding your account, like how many apps you install
- Change your account password
- Suspend or terminate your account access

- Receive your account information in order to satisfy applicable law, regulation, legal process, or enforceable governmental request
- Restrict your ability to delete or edit your information or your privacy settings

For external processing

We provide personal information to our [affiliates](#) and other trusted businesses or persons to process it for us, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures. For example, we use service providers to help us with customer support.

For legal reasons

We will share personal information outside of Google if we have a good-faith belief that access, use, preservation, or disclosure of the information is reasonably necessary to:

- Meet any applicable law, regulation, [legal process, or enforceable governmental request](#). We share information about the number and type of requests we receive from governments in our [Transparency Report](#).
- Enforce applicable Terms of Service, including investigation of potential violations.
- Detect, prevent, or otherwise address fraud, security, or technical issues.
- Protect against harm to the rights, property or safety of Google, our users, or the public as required or permitted by law.

We may share [non-personally identifiable information](#) publicly and with our partners — like publishers, advertisers, developers, or rights holders. For example, we share information publicly to [show trends](#) about the general use of our services. We also allow [specific partners](#) to collect information from your browser or device for advertising and measurement purposes using their own cookies or similar technologies.

If Google is involved in a merger, acquisition, or sale of assets, we'll continue to ensure the confidentiality of your personal information and give affected users notice before personal information is transferred or becomes subject to a different privacy policy.

We build security into our services to protect your information

All Google products are built with strong security features that continuously protect your information. The insights we gain from maintaining our services help us detect and automatically block security threats from ever reaching you. And if we do detect something risky that we think you should know about, we'll notify you and help guide you through steps to stay better protected.

We work hard to protect you and Google from unauthorized access, alteration, disclosure, or destruction of information we hold, including:

- We use encryption to keep your data private while in transit
- We offer a range of security features, like [Safe Browsing](#), Security Checkup, and [2 Step Verification](#) to help you protect your account
- We review our information collection, storage, and processing practices, including physical security measures, to prevent unauthorized access to our systems
- We restrict access to personal information to Google employees, contractors, and agents who need that information in order to process it. Anyone with this access is subject to strict contractual confidentiality obligations and may be disciplined or terminated if they fail to meet these obligations.

EXPORTING & DELETING YOUR INFORMATION

You can export a copy of your information or delete it from your Google Account at any time

You can export a copy of content in your Google Account if you want to back it up or use it with a service outside of Google.



[Export your data](#)

To delete your information, you can:

- Delete your content from [specific Google services](#)
 - Search for and then delete specific items from your account using [My Activity](#)
 - [Delete specific Google products](#), including your information associated with those products
 - [Delete your entire Google Account](#)
-



Delete your information

RETAINING YOUR INFORMATION

We retain the data we collect for different periods of time depending on what it is, how we use it, and how you configure your settings:

- Some data you can delete whenever you like, such as the content you create or upload. You can also delete [activity information](#) saved in your account, or [choose to have it deleted automatically](#) after a set period of time.
- Other data is deleted or anonymized automatically after a set period of time, such as [advertising data](#) in server logs.
- We keep some data until you delete your Google Account, such as information about how often you use our services.
- And some data we retain for longer periods of time when necessary for legitimate business or legal purposes, such as security, fraud and abuse prevention, or financial record-keeping.

When you delete data, we follow a deletion process to make sure that your data is safely and completely removed from our servers or retained only in anonymized form. We try to ensure that our services protect information from accidental or malicious deletion. Because of this, there may be delays between when you delete something and when copies are deleted from our active and backup systems.

You can read more about Google's [data retention periods](#), including how long it takes us to delete your information.

We regularly review this Privacy Policy and make sure that we process your information in ways that comply with it.

Data transfers

We maintain servers around the world and your information may be processed on servers located outside of the country where you live. Data protection laws vary among countries, with some providing more protection than others. Regardless of where your information is processed, we apply the same protections described in this policy. We also comply with certain [legal frameworks](#) relating to the transfer of data.

When we receive formal written complaints, we respond by contacting the person who made the complaint. We work with the appropriate regulatory authorities, including local data protection authorities, to resolve any complaints regarding the transfer of your data that we cannot resolve with you directly.

California requirements

The California Consumer Privacy Act (CCPA) requires specific disclosures for California residents.

This Privacy Policy is designed to help you understand how Google handles your information:

- We explain the categories of information Google collects and the sources of that information in [Information Google collects](#).
- We explain how Google uses information in [Why Google collects data](#).
- We explain when Google may share information in [Sharing your information](#). Google does not sell your personal information.

The CCPA also provides the right to request information about how Google collects, uses, and discloses your personal information. And it gives you the right to access your information and request that Google delete that information. Finally, the CCPA provides the right to not be discriminated against for exercising your privacy rights.

We describe the choices you have to manage your privacy and data across Google's services in [Your privacy controls](#). You can exercise your rights by using these controls, which allow you to access, review, update and delete your information, as well as [export and download](#) a copy of it. When you use them, we'll validate your request by verifying that you're signed in to your Google Account. If you have questions or requests related to your rights under the CCPA, you (or your authorized agent) can also [contact Google](#). You can also find [more information](#) on Google's handling of CCPA requests.

The CCPA requires a description of data practices using specific categories. This table uses these categories to organize the information in this Privacy Policy.

Categories of personal information we collect

Identifiers such as your [name](#), [phone number](#), and address, as well as [unique identifiers](#) tied to the browser, application, or device you're using.

Demographic information, such as your [age](#), [gender](#) and [language](#).

Commercial information such as your [payment information](#) and a history of [purchases](#) you make on Google's services.

Biometric information if you choose to provide it, such as fingerprints in Google's product development studies.

Internet, network, and other activity information such as your search terms; views and interactions with content and ads; Chrome browsing history you've synced with your Google Account; information about the interaction of your apps, browsers, and devices with our services (like IP address, crash reports, and system activity); and activity on third-party sites and apps that use our services. You can review and control activity data stored in your Google Account in [My Activity](#).

Geolocation data, such as may be determined by GPS, IP address, and other data from sensors on or around your device, depending in part on your device and account settings. Learn more about [Google's use of location information](#).

Audio, electronic, visual and similar information, such as [voice and audio information](#) when you use audio features.

Professional, employment, and education information, such as information [you provide](#) or that is maintained through an organization using Google services at which you study or work.

Other information you create or provide, such as the content you create, upload, or receive (like photos and videos or emails, docs and spreadsheets). [Google Dashboard](#) allows you to manage information associated with specific products.

Inferences drawn from the above, like your [ads interest categories](#).

Business purposes for which information may be used or disclosed

Protecting against security threats, abuse, and illegal activity: Google uses and may disclose information to detect, prevent and respond to security incidents, and for protecting against other malicious, deceptive, fraudulent, or illegal activity. For example, to protect our services, Google may receive or disclose information about IP addresses that malicious actors have compromised.

Auditing and measurement: Google uses information for analytics and measurement to understand how our services are used, as well as to fulfill obligations to our partners like publishers, advertisers, developers, or rights holders. We may disclose non-personally identifiable information publicly and with these partners, including for auditing purposes.

Maintaining our services: Google uses information to ensure our services are working as intended, such as tracking outages or troubleshooting bugs and other issues that you report to us.

Research and development: Google uses information to improve our services and to develop new products, features and technologies that benefit our users and the public. For example, we use publicly available information to help train Google's language models and build features like Google Translate.

Use of service providers: Google shares information with service providers to perform services on our behalf, in compliance with our Privacy Policy and other appropriate confidentiality and security measures. For example, we may rely on service providers to help provide customer support.

Advertising: Google processes information, including online identifiers and information about your interactions with advertisements, to provide advertising. This keeps Google's services and many of the websites and services you use free of charge. You can control what information we use to show you ads by visiting your [ad settings](#).

Legal reasons: Google also uses information to satisfy applicable laws or regulations, and discloses information in response to legal process or enforceable government requests, including to law enforcement. We provide information about the number and type of requests we receive from

governments in our [Transparency Report](#).

Parties with whom information may be shared

Other people with whom you choose to share your information, like docs or photos, and videos or comments on YouTube.

Third parties to whom you consent to sharing your information, such as services that integrate with Google's services. You can [review and manage third party apps and sites](#) with access to data in your Google Account.

Service providers, trusted businesses or persons that process information on Google's behalf, based on our instructions and in compliance with our Privacy Policy and any other appropriate confidentiality and security measures.

Domain administrators, if you work or study at an organization that uses Google services.

Law enforcement or other third parties, for the legal reasons described in [Sharing your information](#).

ABOUT THIS POLICY

When this policy applies

This Privacy Policy applies to all of the services offered by Google LLC and its affiliates, including YouTube, Android, and services offered on third-party sites, such as advertising services. This Privacy Policy doesn't apply to services that have separate privacy policies that do not incorporate this Privacy Policy.

This Privacy Policy doesn't apply to:

- The information practices of other companies and organizations that advertise our services
- Services offered by other companies or individuals, including products or sites that may include Google services, be displayed to you in search results, or be linked from our services

Changes to this policy

We change this Privacy Policy from time to time. We will not reduce your rights under this Privacy Policy without your explicit consent. We always indicate the date the last changes were published and we offer access to [archived versions](#) for your review. If changes are significant, we'll provide a more prominent notice (including, for certain services, email notification of Privacy Policy changes).

RELATED PRIVACY PRACTICES

Specific Google services

The following privacy notices provide additional information about some Google services:

- [Chrome & the Chrome Operating System](#)
- [Payments](#)
- [Fiber](#)
- [Google Fi](#)
- [Google Workspace for Education](#)
- [Read Along](#)
- [YouTube Kids](#)
- [Google Accounts Managed with Family Link, for Children under 13 \(or applicable age in your country\)](#)
- [Voice and Audio Collection from Children's Features on the Google Assistant](#)

If you're a member of an organization that uses Google Workspace or Google Cloud Platform, learn how these services collect and use your personal information in the [Google Cloud Privacy Notice](#).

Other useful resources

The following links highlight useful resources for you to learn more about our practices and privacy settings.

- [Your Google Account](#) is home to many of the settings you can use to manage your account
 - [Privacy Checkup](#) guides you through key privacy settings for your Google Account
 - [Google's safety center](#) helps you learn more about our built-in security, privacy controls, and tools to help set digital ground rules for your family online
 - [Privacy & Terms](#) provides more context regarding this Privacy Policy and our Terms of Service
 - [Technologies](#) includes more information about:
 - [How Google uses cookies](#)
 - Technologies used for [Advertising](#)
 - [How Google uses pattern recognition](#) to recognize things like faces in photos
 - [How Google uses information from sites or apps that use our services](#)
-