

Search flags

Reset all to default

# Experiments

66.0.3359.181

**WARNING: EXPERIMENTAL FEATURES AHEAD!** By enabling these features, you could lose browser data or compromise your security or privacy. Enabled features apply to all users of this browser.

Available

Unavailable

## Override software rendering list

Overrides the built-in software rendering list and enables GPU-acceleration on unsupported system configurations. – Mac, Windows, Linux, Chrome OS, Android  
[#ignore-gpu-blacklist](#)

Disabled ▼

## Experimental canvas features

Enables the use of experimental canvas features which are still in development. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-experimental-canvas-features](#)

Disabled ▼

## Accelerated 2D canvas

Enables the use of the GPU to perform 2d canvas rendering instead of using software rendering. – Mac, Windows, Linux, Chrome OS, Android  
[#disable-accelerated-2d-canvas](#)

Enabled ▼

## Composited render layer borders

Renders a border around composited Render Layers to help debug and study layer compositing. – Mac, Windows, Linux, Chrome OS, Android  
[#composited-layer-borders](#)

Disabled ▼

## Tint GL-composited content

Tint contents composited using GL with a shade of red to help debug and study overlay support. – Mac, Windows, Linux, Chrome OS, Android  
[#tint-gl-composited-content](#)

Disabled ▼

## Show overdraw feedback

Visualize overdraw by color-coding elements based on if they have other elements drawn underneath. – Mac, Windows, Linux, Chrome OS, Android  
[#show-overdraw-feedback](#)

Disabled ▼

## Enable draw occlusion

Enable the system to use draw occlusion to skip draw quads when they are not shown on the screen. – Mac, Windows, Linux, Chrome OS, Android

Default ▼

[Reset all to default](#)

### Partial swap

Sets partial swap behavior. – Mac, Windows, Linux, Chrome OS, Android

[#ui-disable-partial-swap](#)

Enabled ▼

### Negotiation with GCM cipher suites for SRTP in WebRTC

When enabled, WebRTC will try to negotiate GCM cipher suites for SRTP. – Mac, Windows, Linux, Chrome OS, Android

[#enable-webrtc-srtp-aes-gcm](#)

Disabled ▼

### Negotiation with encrypted header extensions for SRTP in WebRTC

When enabled, WebRTC will try to negotiate encrypted header extensions for SRTP. – Mac, Windows, Linux, Chrome OS, Android

[#enable-webrtc-srtp-encrypted-headers](#)

Disabled ▼

### WebRTC Stun origin header

When enabled, Stun messages generated by WebRTC will contain the Origin header. – Mac, Windows, Linux, Chrome OS, Android

[#enable-webrtc-stun-origin](#)

Disabled ▼

### WebRTC Echo Cancellor 3.

Experimental WebRTC echo canceller (AEC3). – Mac, Windows, Linux, Chrome OS, Android

[#WebRtcUseEchoCancellor3](#)

Default ▼

### WebRTC new encode cpu load estimator

Enable new estimator for the encoder cpu load, for evaluation and testing. Intended to improve accuracy when screen casting. – Mac, Windows, Linux, Chrome OS, Android

[#enable-webrtc-new-encode-cpu-load-estimator](#)

Default ▼

### Experimental Extension APIs

Enables experimental extension APIs. Note that the extension gallery doesn't allow you to upload extensions that use experimental APIs. – Mac, Windows, Linux, Chrome OS

[#extension-apis](#)

Disabled ▼

### Extensions on chrome:// URLs

Enables running extensions on chrome:// URLs, where extensions explicitly request this permission. – Mac, Windows, Linux, Chrome OS, Android

[#extensions-on-chrome-urls](#)

Disabled ▼

### Fast tab/window close

Enables fast tab/window closing - runs a tab's onunload js handler independently of the GUI. – Mac, Windows, Linux, Chrome OS, Android

[#enable-fast-unload](#)

Disabled ▼

### New history entries require a user gesture.

[Reset all to default](#)

### Hyperlink auditing

Sends hyperlink auditing pings. – Mac, Windows, Linux, Chrome OS, Android

[#disable-hyperlink-auditing](#)

Enabled ▼

### Show Autofill predictions

Annotates web forms with Autofill field type predictions as placeholder text. – Mac, Windows, Linux, Chrome OS, Android

[#show-autofill-type-predictions](#)

Default ▼

### Smooth Scrolling

Animate smoothly when scrolling page content. – Windows, Linux, Chrome OS, Android

[#smooth-scrolling](#)

Default ▼

### Overlay Scrollbars

Enable the experimental overlay scrollbars implementation. You must also enable threaded compositing to have the scrollbars animate. – Windows, Linux, Chrome OS

[#overlay-scrollbars](#)

Default ▼

### Flash Overlay Scrollbars After Any Scroll Update

Flash Overlay Scrollbars After any scroll update happens in page. You must also enable Overlay Scrollbars. – Windows, Linux, Chrome OS

[#overlay-scrollbars-flash-after-scroll-update](#)

Default ▼

### Flash Overlay Scrollbars When Mouse Enter

Flash Overlay Scrollbars When Mouse Enter a scrollable area. You must also enable Overlay Scrollbars. – Windows, Linux, Chrome OS

[#overlay-scrollbars-flash-when-mouse-enter](#)

Default ▼

### Save Page as MHTML

Enables saving pages as MHTML: a single text file containing HTML and all sub-resources. – Mac, Windows, Linux

[#save-page-as-mhtml](#)

Disabled ▼

### MHTML Generation Option

Provides experimental options for MHTML file generator. – Mac, Windows, Linux

[#mhtml-generator-option](#)

Default ▼

### Experimental QUIC protocol

Enable experimental QUIC protocol support. – Mac, Windows, Linux, Chrome OS, Android

[#enable-quic](#)

Default ▼

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for compatibility with such pages. – Mac, Windows, Linux, Chrome OS, Android

[#disable-javascript-harmony-shipping](#)

### Experimental JavaScript

Enable web pages to use experimental JavaScript features. – Mac, Windows, Linux, Chrome OS, Android

[#enable-javascript-harmony](#)

Disabled

### Experimental Validate Asm.js and convert to WebAssembly when valid.

Validate Asm.js when "use asm" is present and then convert to WebAssembly. – Mac, Windows, Linux, Chrome OS, Android

[#enable-asm-webassembly](#)

Default

### WebAssembly structured cloning support.

Enable web pages to use WebAssembly structured cloning. – Mac, Windows, Linux, Chrome OS, Android

[#enable-webassembly](#)

Default

### WebAssembly streaming compile/instantiate support.

WebAssembly.{compile|instantiate} taking a Response as parameter. – Mac, Windows, Linux, Chrome OS, Android

[#enable-webassembly-streaming](#)

Default

### Experimental enabled SharedArrayBuffer support in JavaScript.

Enable SharedArrayBuffer support in JavaScript. – Mac, Windows, Linux, Chrome OS, Android

[#shared-array-buffer](#)

Default

### Future V8 VM features

This enables upcoming and experimental V8 VM features. This flag does not enable experimental JavaScript features. – Mac, Windows, Linux, Chrome OS, Android

[#enable-future-v8-vm-features](#)

Default

### 3D software rasterizer

Fall back to a 3D software rasterizer when the GPU cannot be used. – Mac, Windows, Linux, Chrome OS, Android

[#disable-software-rasterizer](#)

Enabled

### GPU rasterization

Use GPU to rasterize web content. Requires impl-side painting. – Mac, Windows, Linux, Chrome OS, Android

[#enable-gpu-rasterization](#)

Default

### GPU rasterization MSAA sample count.

[Reset all to default](#)

### Experimental Web Platform features

Enables experimental Web Platform features that are in development. – Mac, Windows, Linux, Chrome OS, Android

[#enable-experimental-web-platform-features](#)

Disabled ▼

### Developer Tools experiments

Enables Developer Tools experiments. Use Settings panel in Developer Tools to toggle individual experiments. – Mac, Windows, Linux, Chrome OS

[#enable-devtools-experiments](#)

Disabled ▼

### Silent Debugging

Do not show the infobar when an extension attaches to a page via chrome.debugger API. This is required to debug extension background pages. – Mac, Windows, Linux, Chrome OS

[#silent-debugger-extension-api](#)

Disabled ▼

### Scroll prediction

Predicts the finger's future position during scrolls allowing time to render the frame before the finger is there. – Mac, Windows, Linux, Chrome OS

[#enable-scroll-prediction](#)

Disabled ▼

### UI Layout for the browser's top chrome

Toggles between normal and touch/hybrid layouts. – Mac, Windows, Linux, Chrome OS

[#top-chrome-md](#)

Default ▼

### Site settings with All sites and Site details

Adds new ways of viewing Site settings. – Mac, Windows, Linux, Chrome OS

[#enable-site-settings](#)

Disabled ▼

### Material Design in the rest of the browser's native UI

Extends the --top-chrome-md setting to secondary UI (bubbles, dialogs, etc.). On Mac, this enables MacViews, which uses toolkit-views for native browser dialogs. – Mac, Windows, Linux, Chrome OS

[#secondary-ui-md](#)

Default ▼

### Touch Events API

Force Touch Events API feature detection to always be enabled or disabled, or to be enabled when a touchscreen is detected on startup (Automatic, the default). – Mac, Windows, Linux, Chrome OS

[#touch-events](#)

Automatic ▼

### Touch adjustment

Refine the position of a touch gesture in order to compensate for touches having poor resolution compared to a mouse. – Windows, Linux, Chrome OS, Android

Enabled ▼

[Reset all to default](#)**NaCl Socket API**

Allows applications to use NaCl Socket API. Use only to test NaCl plugins. – Mac, Windows, Linux, Chrome OS

[#allow-nacl-socket-api](#)

Disabled ▼

**Debugging for packed apps**

Enables debugging context menu options such as Inspect Element for packed applications. – Mac, Windows, Linux, Chrome OS

[#debug-packed-apps](#)

Disabled ▼

**Password generation**

Allow the user to have Chrome generate passwords when it detects account creation pages. – Mac, Windows, Linux, Chrome OS, Android

[#enable-password-generation](#)

Default ▼

**Force-saving of passwords**

Allow the user to manually enforce password saving instead of relying on password manager's heuristics. – Mac, Windows, Linux, Chrome OS, Android

[#PasswordForceSaving](#)

Default ▼

**Manual password generation.**

Show a 'Generate Password' option on the context menu for all password fields. – Mac, Windows, Linux, Chrome OS, Android

[#enable-manual-password-generation](#)

Default ▼

**Show autofill signatures.**

Annotates web forms with Autofill signatures as HTML attributes. – Mac, Windows, Linux, Chrome OS, Android

[#enable-show-autofill-signatures](#)

Disabled ▼

**Affiliation based matching in password manager**

Allow credentials stored for Android applications to be filled into corresponding websites. – Mac, Windows, Linux, Chrome OS, Android

[#AffiliationBasedMatching](#)

Default ▼

**Use Google Payments sandbox servers**

For developers: use the sandbox service for Google Payments API calls. – Mac, Windows, Linux, Chrome OS, Android

[#wallet-service-use-sandbox](#)

Default ▼

**Overscroll history navigation**

History navigation in response to horizontal overscroll. – Windows, Linux, Chrome OS

[#overscroll-history-navigation](#)

Simple ▼

**Overscroll start threshold**

[Reset all to default](#)

### Pull-to-refresh gesture

Pull-to-refresh gesture in response to vertical overscroll. – Windows, Linux, Chrome OS

[#pull-to-refresh](#)

Default ▼

### Enable navigation tracing

This is to be used in conjunction with the trace-upload-url flag. WARNING: When enabled, Chrome will record performance data for every navigation and upload it to the URL specified by the trace-upload-url flag. The trace may include personally identifiable information (PII) such as the titles and URLs of websites you visit. – Mac, Windows, Linux, Chrome OS, Android

[#enable-navigation-tracing](#)

Disabled ▼

### Trace label for navigation tracing

This is to be used in conjunction with the enable-navigation-tracing flag. Please select the label that best describes the recorded traces. This will choose the destination the traces are uploaded to. If you are not sure, select other. If left empty, no traces will be uploaded. – Mac, Windows, Linux, Chrome OS, Android

[#trace-upload-url](#)

Disabled ▼

### Service worker script full code cache.

Generate V8 full code cache of Service Worker scripts while installing. – Mac, Windows, Linux, Chrome OS, Android

[#enable-service-worker-script-full-code-cache](#)

Default ▼

### Servicified service workers

Enable the servicified service workers. A servicified service worker can have direct connection from its clients, so that fetch events can be dispatched through the connection without hopping to the browser process. – Mac, Windows, Linux, Chrome OS, Android

[#enable-service-worker-servicification](#)

Default ▼

### Enable PWA full code cache

Generate V8 code cache in Cache Storage while installing Service Worker for PWAs. – Mac, Windows, Linux, Chrome OS, Android

[#enable-pwa-full-code-cache](#)

Default ▼

### Substring matching for Autofill suggestions

Match Autofill suggestions based on substrings (token prefixes) rather than just prefixes. – Mac, Windows, Linux, Chrome OS, Android

[#enable-suggestions-with-substring-match](#)

Disabled ▼

### LCD text antialiasing

If disabled, text is rendered with grayscale antialiasing instead of LCD (subpixel) when doing accelerated compositing. – Mac, Windows, Linux, Chrome OS

[#lcd-text-aa](#)

Default ▼

Reset all to default

Mac, Windows, Linux, Chrome OS, Android  
[#enable-offer-store-unmasked-wallet-cards](#)

**Offline Auto-Reload Mode**

Pages that fail to load while the browser is offline will be auto-reloaded when the browser is online again. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-offline-auto-reload](#)

Default

**Only Auto-Reload Visible Tabs**

Pages that fail to load while the browser is offline will only be auto-reloaded if their tab is visible. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-offline-auto-reload-visible-only](#)

Default

**Show Saved Copy Button**

When a page fails to load, if a stale copy of the page exists in the browser cache, a button will be presented to allow the user to load that stale copy. The primary enabling choice puts the button in the most salient position on the error page; the secondary enabling choice puts it secondary to the reload button. – Mac, Windows, Linux, Chrome OS, Android  
[#show-saved-copy](#)

Default

**Default tile width**

Specify the default tile width. – Mac, Windows, Linux, Chrome OS, Android  
[#default-tile-width](#)

Default

**Default tile height**

Specify the default tile height. – Mac, Windows, Linux, Chrome OS, Android  
[#default-tile-height](#)

Default

**Simple Cache for HTTP**

The Simple Cache for HTTP is a new cache. It relies on the filesystem for disk space allocation. – Mac, Windows, Linux, Chrome OS  
[#enable-simple-cache-backend](#)

Default

**TCP Fast Open**

Enable the option to send extra authentication information in the initial SYN packet for a previously connected client, allowing faster data send start. – Linux, Chrome OS, Android  
[#enable-tcp-fast-open](#)

Disabled

**Device Discovery Notifications**

Device discovery notifications on local network. – Mac, Windows, Linux, Chrome OS  
[#device-discovery-notifications](#)

Default

**Print Preview Registration Promos**



[Reset all to default](#)

### Spelling Feedback Field Trial

Enable the field trial for sending user feedback to spelling service. – Mac, Windows, Linux, Chrome OS, Android

[#enable-spelling-feedback-field-trial](#)

Disabled ▼

### WebGL Draft Extensions

Enabling this option allows web applications to access the WebGL Extensions that are still in draft status. – Mac, Windows, Linux, Chrome OS, Android

[#enable-webgl-draft-extensions](#)

Disabled ▼

### Identity consistency between browser and cookie jar

When enabled, the browser manages signing in and out of Google accounts. – Mac, Windows, Linux, Chrome OS, Android

[#account-consistency](#)

Default ▼

### Zero-copy rasterizer

Raster threads write directly to GPU memory associated with tiles. – Mac, Windows, Linux, Chrome OS, Android

[#enable-zero-copy](#)

Default ▼

### Enforce TranslateRanker decisions

Improved Translate UI triggering logic. TranslateRanker decides whether or not Translate UI should be triggered in a given context. – Mac, Windows, Linux, Chrome OS, Android

[#translate-ranker-enforcement](#)

Default ▼

### Enable native notifications.

Enable support for using the native notification toasts and notification center on platforms where these are available. – Mac, Linux

[#enable-native-notifications](#)

Default ▼

### In-Product Help Demo Mode

Selects the In-Product Help demo mode. – Mac, Windows, Linux, Chrome OS, Android

[#in-product-help-demo-mode-choice](#)

Default ▼

### Number of raster threads

Specify the number of raster threads. – Mac, Windows, Linux, Chrome OS, Android

[#num-raster-threads](#)

Default ▼

### Permission Action Reporting

Enables permission action reporting to Safe Browsing servers for opted in users. – Mac, Windows, Linux, Chrome OS, Android

[#enable-permission-action-reporting](#)

Default ▼

[Reset all to default](#)[#enable-permissions-blacklist](#)

### Single-click autofill

Make autofill suggestions on initial mouse click on a form element. – Mac, Windows, Linux, Chrome OS, Android

[#enable-single-click-autofill](#)

Default ▼

### Cast Streaming hardware video encoding

This option enables support in Cast Streaming for encoding video streams using platform hardware. – Mac, Windows, Linux, Chrome OS, Android

[#disable-cast-streaming-hw-encoding](#)

Enabled ▼

### Threaded scrolling

Threaded handling of scroll-related input events. Disabling this will force all such scroll events to be handled on the main thread. Note that this can dramatically hurt scrolling performance of most websites and is intended for testing purposes only. – Mac, Windows, Linux, Chrome OS, Android

[#disable-threaded-scrolling](#)

Enabled ▼

### Distance field text

Text is rendered with signed distance fields rather than bitmap alpha masks. – Mac, Windows, Linux, Chrome OS, Android

[#distance-field-text](#)

Default ▼

### Extension Content Verification

This flag can be used to turn on verification that the contents of the files on disk for extensions from the webstore match what they're expected to be. This can be used to turn on this feature if it would not otherwise have been turned on, but cannot be used to turn it off (because this setting can be tampered with by malware). – Mac, Windows, Linux, Chrome OS

[#extension-content-verification](#)

Default ▼

### User consent for extension scripts

Require user consent for an extension running a script on the page, if the extension requested permission to run on all urls. – Mac, Windows, Linux, Chrome OS, Android

[#extension-active-script-permission](#)

Disabled ▼

### Embedded extension options

Display extension options as an embedded element in chrome://extensions rather than opening a new tab. – Mac, Windows, Linux, Chrome OS

[#enable-embedded-extension-options](#)

Disabled ▼

### New style notification

Enables the experiment style of material-design notification – Mac, Windows, Linux, Chrome OS

[#enable-message-center-new-style-notification](#)

Default ▼

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Windows, Linux, Chrome OS

[#enable-policy-tool](#)

Default

**Memory coordinator**

Enable memory coordinator instead of memory pressure listeners. – Windows, Linux, Chrome OS, Android

[#enable-memory-coordinator](#)

Default

**Tab audio muting UI control**

When enabled, the audio indicators in the tab strip double as tab audio mute controls. This also adds commands in the tab context menu for quickly muting multiple selected tabs. – Mac, Windows, Linux, Chrome OS

[#enable-tab-audio-muting](#)

Disabled

**Reduce default 'referrer' header granularity.**

If a page hasn't set an explicit referrer policy, setting this flag will reduce the amount of information in the 'referrer' header for cross-origin requests. – Mac, Windows, Linux, Chrome OS, Android

[#reduced-referrer-granularity](#)

Disabled

**Show in-form warnings for sensitive fields when the top-level page is not HTTPS**

Attaches a warning UI to any password or credit card fields detected when the top-level page is not HTTPS – Mac, Windows, Linux, Chrome OS, Android

[#enable-http-form-warning](#)

Default

**Committed Interstitials**

Use committed error pages instead of transient navigation entries for interstitial error pages (e.g. certificate errors). – Mac, Windows, Linux, Chrome OS, Android

[#committed-interstitials](#)

Disabled

**Strict site isolation**

Security mode that enables site isolation for all sites. When enabled, each renderer process will contain pages from at most one site, using out-of-process iframes when needed. When enabled, this flag forces the strictest site isolation mode (SitePerProcess). When disabled, the site isolation mode will be determined by enterprise policy or field trial. – Mac, Windows, Linux, Chrome OS, Android

[#enable-site-per-process](#)

Disabled

**Site isolation trial opt-out**

Opts out of field trials that enable site isolation modes (SitePerProcess, IsolateOrigins, etc). Intended for diagnosing bugs that may be due to out-of-process iframes. Opt-out has no effect if site isolation is force-enabled via #enable-site-per-process or enterprise policy. Caution: this disables important mitigations for the Spectre CPU vulnerability affecting most computers. – Mac, Windows, Linux, Chrome OS, Android

[#site-isolation-trial-opt-out](#)

Default

[Reset all to default](#)

will be allowed to share a process. – Mac, Windows, Linux, Chrome OS, Android

[#enable-top-document-isolation](#)

### Use Blink's zoom for device scale factor.

If enabled, Blink uses its zooming mechanism to scale content for device scale factor.

– Mac, Windows, Linux, Chrome OS, Android

[#enable-use-zoom-for-dsf](#)

Default

### Previews Allowed

Allows previews to be shown subject to specific preview types being enabled and the client experiencing specific triggering conditions. May be used as a kill-switch to turn off all potential preview types. – Mac, Windows, Linux, Chrome OS, Android

[#allow-previews](#)

Default

### Data Saver Server Previews

Allow the Data Reduction Proxy to serve previews. – Mac, Windows, Linux, Chrome OS, Android

[#data-saver-server-previews](#)

Default

### Ignore Previews Blacklist

Ignore decisions made by the PreviewsBlackList – Mac, Windows, Linux, Chrome OS, Android

[#ignore-previews-blacklist](#)

Disabled

### Use an alternative Data Saver back end configuration.

Enable a different approach to saving data by configuring the back end server – Mac, Windows, Linux, Chrome OS, Android

[#enable-data-reduction-proxy-server-experiment](#)

Default

### Client-side Lo-Fi previews

Enable showing low fidelity images on some pages on slow networks. – Mac, Windows, Linux, Chrome OS, Android

[#enable-client-lo-fi](#)

Default

### NoScript previews

Enable disabling JavaScript on some pages on slow networks. – Mac, Windows, Linux, Chrome OS, Android

[#enable-noscript-previews](#)

Default

### Optimization Hints

Enable the Optimization Hints feature which incorporates server hints into decisions for what optimizations to perform on some pages on slow networks. – Mac, Windows, Linux, Chrome OS, Android

[#enable-optimization-hints](#)

Default

[Reset all to default](#)[#allow-insecure-localhost](#)

### App Banners

Enable the display of Progressive Web App banners, which prompt a user to add a web app to their shelf, or other platform-specific equivalent. – Mac, Windows, Linux, Chrome OS

Default

[#enable-app-banners](#)

### Experimental app banners

Enables a new experimental app banner flow and UI. Implies #enable-app-banners. – Mac, Windows, Linux, Chrome OS, Android

Default

[#enable-experimental-app-banners](#)

### Bypass user engagement checks

Bypasses user engagement checks for displaying app banners, such as requiring that users have visited the site before and that the banner hasn't been shown recently. This allows developers to test that other eligibility requirements for showing app banners, such as having a manifest, are met. – Mac, Windows, Linux, Chrome OS, Android

Disabled

[#bypass-app-banner-engagement-checks](#)

### Desktop PWAs

Experimental windowing and install banner treatment for Progressive Web Apps on desktop platforms. Implies #enable-experimental-app-banners. – Mac, Windows, Linux, Chrome OS

Default

[#enable-desktop-pwas](#)

### Desktop PWAs Link Capturing

Experimentally enable link capturing for Desktop PWAs. Navigations to URLs that are in-scope of Desktop PWAs will open in a window. Requires #enable-desktop-pwas. – Mac, Windows, Linux, Chrome OS

Default

[#enable-desktop-pwas-link-capturing](#)

### Use Chrome Sync sandbox

Connects to the testing server for Chrome Sync. – Mac, Windows, Linux, Chrome OS, Android

Disabled

[#use-sync-sandbox](#)

### Load Media Router Component Extension

Loads the Media Router component extension at startup. – Mac, Windows, Linux, Chrome OS

Default

[#load-media-router-component-extension](#)

### Gamepad Extensions

Enabling this option allows web applications to access experimental extensions to the Gamepad APIs. – Mac, Windows, Linux, Chrome OS, Android

Default

[#enable-gamepad-extensions](#)

[Reset all to default](#)

WebVR 1.1 API. This feature will eventually be replaced by the WebXR Device API. Warning: Enabling this will also allow WebVR content on insecure origins to access these powerful APIs, and may pose a security risk. – Mac, Windows, Linux, Chrome OS, Android

[#enable-webvr](#)

Disabled ▼

### WebXR Device API

Allow web applications to access experimental APIs to interact with Virtual Reality (VR) and Augmented Reality (AR) devices. – Mac, Windows, Linux, Chrome OS, Android

[#webxr](#)

Default ▼

### WebXR orientation sensor device

When no VR platform device is available, expose a non-presenting device based on the device's orientation sensors, if available. – Mac, Windows, Linux, Chrome OS, Android

[#webxr-orientation-sensor-device](#)

Default ▼

### V8 caching mode.

Caching mode for the V8 JavaScript engine. – Mac, Windows, Linux, Chrome OS, Android

[#v8-cache-options](#)

Default ▼

### Simplified full screen / mouse lock UI.

A simplified new user experience when entering page-triggered full screen or mouse pointer lock states. – Windows, Linux, Chrome OS

[#simplified-fullscreen-ui](#)

Default ▼

### Experimental keyboard lock UI.

An experimental full screen with keyboard lock mode requiring users to hold Esc to exit. – Mac, Windows, Linux, Chrome OS

[#experimental-keyboard-lock-ui](#)

Default ▼

### Save Previous Document Resources

Saves an old document's cached resources until the specified point in the next document's lifecycle. – Mac, Windows, Linux, Chrome OS, Android

[#save-previous-document-resources-until](#)

Default ▼

### Block scripts loaded via document.write

Disallows fetches for third-party parser-blocking scripts inserted into the main frame via document.write. – Mac, Windows, Linux, Chrome OS, Android

[#disallow-doc-written-script-loads](#)

Default ▼

### Enable Push API background mode

Enable background mode for the Push API. This allows Chrome to continue running after the last window is closed, and to launch at OS startup, if the Push API needs it. – Mac, Windows, Linux

[#enable-push-api-background-mode](#)

Default ▼

Reset all to default

Chrome devices. – Mac, Windows, Linux, Chrome OS, Android

[#enable-autofill-credit-card-upload](#)

Default

### Enable Material Design bookmarks

If enabled, the chrome://bookmarks/ URL loads the Material Design bookmarks page.

– Mac, Windows, Linux, Chrome OS

[#enable-md-bookmarks](#)

Default

### SafeSearch URLs reporting.

If enabled, inappropriate URLs can be reported back to SafeSearch. – Mac, Windows,

Linux, Chrome OS, Android

[#safe-search-url-reporting](#)

Default

### Force UI direction

Explicitly force the UI to left-to-right (LTR) or right-to-left (RTL) mode, overriding the default direction of the UI language. – Mac, Windows, Linux, Chrome OS, Android

[#force-ui-direction](#)

Default

### Force text direction

Explicitly force the per-character directionality of UI text to left-to-right (LTR) or right-to-left (RTL) mode, overriding the default direction of the character language. – Mac, Windows, Linux, Chrome OS, Android

[#force-text-direction](#)

Default

### Enable Material Design extensions

If enabled, the chrome://extensions/ URL loads the Material Design extensions page. –

Mac, Windows, Linux, Chrome OS

[#enable-md-extensions](#)

Default

### Enable Input IME API

Enable the use of chrome.input.ime API. – Windows, Linux

[#enable-input-ime-api](#)

Default

### Origin Trials

Enables origin trials for controlling access to feature/API experiments. – Mac, Windows, Linux, Chrome OS, Android

[#enable-origin-trials](#)

Default

### Brotli Content-Encoding.

Enable Brotli Content-Encoding support. – Mac, Windows, Linux, Chrome OS, Android

[#enable-brotli](#)

Default

### Image Capture API

Enables the Web Platform Image Capture API: takePhoto(), getPhotoCapabilities(), etc.

– Mac, Windows, Linux, Chrome OS, Android

Default

[Reset all to default](#)**TLS 1.3**

Sets the TLS 1.3 variant used. – Mac, Windows, Linux, Chrome OS, Android  
[#tls13-variant](#)

Default ▼

**Token Binding.**

Enable Token Binding support. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-token-binding](#)

Default ▼

**Scroll Anchoring**

Adjusts scroll position to prevent visible jumps when offscreen content changes. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-scroll-anchoring](#)

Default ▼

**Scroll Anchor Serialization**

Save the scroll anchor and use it to restore the scroll position when navigating. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-scroll-anchor-serialization](#)

Default ▼

**Disable Audio For Desktop Share**

With this flag on, desktop share picker window will not let the user choose whether to share audio. – Mac, Windows, Linux, Chrome OS, Android  
[#disable-audio-support-for-desktop-share](#)

Disabled ▼

**Disable Desktop Share with tab source**

This flag controls whether users can choose a tab for desktop share. – Mac, Windows, Linux, Chrome OS, Android  
[#tab-for-desktop-share](#)

Disabled ▼

**User Activation v2**

Enable simple user activation for APIs that are otherwise controlled by user gesture tokens. – Mac, Windows, Linux, Chrome OS, Android  
[#user-activation-v2](#)

Default ▼

**WebRTC H.264 software video encoder/decoder**

When enabled, an H.264 software video encoder/decoder pair is included. If a hardware encoder/decoder is also available it may be used instead of this encoder/decoder. – Mac, Windows, Linux, Chrome OS  
[#enable-webrtc-h264-with-openh264-ffmpeg](#)

Default ▼

**Autofill sync credential**

How the password manager handles autofill for the sync credential. – Mac, Windows, Linux, Chrome OS, Android  
[#protect-sync-credential](#)

Default ▼

**Autofill sync credential only for transactional reauth pages**



[Reset all to default](#)**Password export**

Export functionality in password settings. – Mac, Windows, Linux, Chrome OS, Android  
[#PasswordExport](#)

Default ▼

**Password import**

Import functionality in password settings. – Mac, Windows, Linux, Chrome OS, Android  
[#PasswordImport](#)

Default ▼

**Remove navigation entry on history deletion**

Remove a navigation entry when the corresponding history entry has been deleted. – Mac, Windows, Linux, Chrome OS, Android  
[#remove-navigation-history](#)

Default ▼

**Important sites options in clear browsing data dialog**

Include the option to whitelist important sites in the clear browsing data dialog. – Mac, Windows, Linux, Chrome OS, Android  
[#important-sites-in-cbd](#)

Default ▼

**Passive Event Listener Override**

Forces touchstart, touchmove, mousewheel and wheel event listeners (which haven't requested otherwise) to be treated as passive. This will break touch/wheel behavior on some websites but is useful for demonstrating the potential performance benefits of adopting passive event listeners. – Mac, Windows, Linux, Chrome OS, Android  
[#passive-listener-default](#)

Default ▼

**Document Level Event Listeners Passive Default**

Forces touchstart, and touchmove event listeners on document level targets (which haven't requested otherwise) to be treated as passive. – Mac, Windows, Linux, Chrome OS, Android  
[#document-passive-event-listeners](#)

Default ▼

**Touch Event Listeners Passive Default During Fling**

Forces touchstart, and first touchmove per scroll event listeners during fling to be treated as passive. – Mac, Windows, Linux, Chrome OS, Android  
[#passive-event-listeners-due-to-fling](#)

Default ▼

**FontCache scaling**

Reuse a cached font in the renderer to serve different sizes of font for faster layout. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-font-cache-scaling](#)

Default ▼

**Framebusting requires same-origin or a user gesture**

Don't permit an iframe to navigate the top level browsing context unless they are same-origin or the iframe is processing a user gesture. – Mac, Windows, Linux, Chrome OS,

Default ▼

[Reset all to default](#)

### Requiring user gesture for the Vibration API

Block the Vibration API if no user gesture has been received on the frame or any embedded frame. – Mac, Windows, Linux, Chrome OS, Android

[#vibrate-requires-user-gesture](#)

Default

### Web Payments

Enable Web Payments API integration, a JavaScript API for merchants. – Mac, Windows, Linux, Chrome OS

[#web-payments](#)

Default

### Enable web payment modifiers

If the website provides modifiers in the payment request, show the custom total for each payment instrument, update the shopping cart when instruments are switched, and send modified payment method specific data to the payment app. – Mac, Windows, Linux, Chrome OS, Android

[#web-payments-modifiers](#)

Default

### Service Worker payment apps

Enable Service Worker applications to integrate as payment apps – Mac, Windows, Linux, Chrome OS, Android

[#service-worker-payment-apps](#)

Default

### Fill passwords on account selection

Filling of passwords when an account is explicitly selected by the user rather than autofilling credentials on page load. – Mac, Windows, Linux, Chrome OS, Android

[#fill-on-account-select](#)

Default

### New audio rendering mixing strategy

Use the new audio rendering mixing strategy. – Mac, Windows, Linux, Android

[#new-audio-rendering-mixing-strategy](#)

Default

### Optimize background video playback.

Disable video tracks when the video is played in the background to optimize performance. – Mac, Windows, Linux, Chrome OS, Android

[#disable-background-video-track](#)

Default

### Enable the new remote playback pipeline.

Enable the new pipeline for playing media element remotely via RemotePlayback API or native controls. – Mac, Windows, Linux, Chrome OS, Android

[#enable-new-remote-playback-pipeline](#)

Default

### Enable the use of SurfaceLayer objects for videos.

Enable compositing onto a Surface instead of a VideoLayer for videos. – Mac, Windows, Linux, Chrome OS, Android

[#enable-surfaces-for-videos](#)

Default

Reset all to default

LinearAccelerationSensor, Gyroscope, AbsoluteOrientationSensor and RelativeOrientationSensor interfaces. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-generic-sensor](#)

Default ▼

### Generic Sensor Extra Classes

Enables an extra set of sensor classes based on Generic Sensor API, which expose previously unavailable platform features, i.e. AmbientLightSensor and Magnetometer interfaces. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-generic-sensor-extra-classes](#)

Default ▼

### Throttle expensive background timers

Enables intervention to limit CPU usage of background timers to 1%. – Mac, Windows, Linux, Chrome OS, Android  
[#expensive-background-timer-throttling](#)

Default ▼

### Manage audio focus across tabs

Manage audio focus across tabs to improve the audio mixing. – Mac, Windows, Linux, Chrome OS  
[#enable-audio-focus](#)

Disabled ▼

### Enable new Print Preview UI

If enabled, Print Preview will display a newer UI – Mac, Windows, Linux, Chrome OS  
[#enable-new-print-preview](#)

Default ▼

### Enable N-up printing

Enable N-up printing in the print preview panel. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-nup-printing](#)

Default ▼

### Print Pdf as Image

If enabled, an option to print PDF files as images will be available in print preview. – Mac, Windows, Linux, Chrome OS  
[#print-pdf-as-image](#)

Default ▼

### Cross process frames for guests

Highly experimental where guests such as <webview> are implemented on the out-of-process iframe infrastructure. – Mac, Windows, Linux, Chrome OS  
[#cross-process-guests](#)

Default ▼

### Media Remoting during Cast Tab Mirroring

When Casting a tab to a remote device, enabling this turns on an optimization that forwards the content bitstream directly to the remote device when a video is fullscreened. – Mac, Windows, Linux, Chrome OS  
[#media-remoting](#)

Default ▼

[Reset all to default](#)

nothing and is similar to disabling the feature, but collects more metrics for comparison purposes. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-nostate-prefetch](#)

#### Credit card autofill ablation experiment.

If enabled, credit card autofill suggestions will not display. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-autofill-credit-card-ablation-experiment](#)

Default ▼

#### Display the issuer bank name of a credit card in autofill.

If enabled, displays the issuer bank name of a credit card in autofill. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-autofill-credit-card-bank-name-display](#)

Default ▼

#### Show the Google Pay logo in the Autofill credit card dropdown

If enabled, shows the Google Pay logo in the Autofill credit card dropdown. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-autofill-credit-card-dropdown-google-pay-branding](#)

Default ▼

#### Display the last used date of a credit card in autofill.

If enabled, display the last used date of a credit card in autofill. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-autofill-credit-card-last-used-date-display](#)

Default ▼

#### Enable requesting missing CVC during Autofill credit card upload

If enabled, requests missing CVC when offering to upload credit cards to Google Payments. – Mac, Windows, Linux, Chrome OS  
[#enable-autofill-credit-card-upload-cvc-prompt](#)

Default ▼

#### Enable Google Pay branding when offering credit card upload

If enabled, shows the Google Pay logo, a shorter header message, and a narrower dialog when credit card upload to Google Payments is offered. – Mac, Windows, Linux, Chrome OS  
[#enable-autofill-credit-card-upload-google-pay-branding](#)

Default ▼

#### Always send metadata on detected form values for Autofill credit card upload

If enabled, always checks with Google Payments when deciding whether to offer credit card upload, even if some data is missing. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-autofill-credit-card-upload-send-detected-values](#)

Default ▼

#### Send first six digits of PAN when deciding whether to offer Autofill credit card upload

If enabled, when deciding whether to offer credit card upload to Google Payments, sends the first six digits of the card number to avoid cases where card upload is likely to fail. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-autofill-credit-card-upload-send-pan-first-six](#)

Default ▼

[Reset all to default](#)[#enable-autofill-send-billing-customer-number](#)

### Show a new Autofill settings string in the Autofill dropdown

If enabled, shows a new Autofill settings string in the Autofill dropdown. – Mac, Windows, Linux, Chrome OS, Android

Default

[#enable-autofill-use-new-settings-name-in-dropdown](#)

### Display Autofill Dropdown Using Views

If enabled, the Autofill Dropdown will be built natively using Views, rather than painted directly to a canvas. – Mac, Windows, Linux, Chrome OS

Default

[#enable-autofill-native-dropdown-views](#)

### Experimental contextual omnibox suggestion

Change omnibox contextual suggestions to an experimental source. Note that this is not an on/off switch for contextual omnibox and it only applies to suggestions provided before the user starts typing a URL or a search query (i.e. zero suggest). – Mac, Windows, Linux, Chrome OS, Android

Default

[#enable-zero-suggest-redirect-to-chrome](#)

### Render bidirectional URLs from left to right

An experimental Bidi URL rendering algorithm where the URL components are always shown in order from left to right, regardless of any RTL characters. (The contents of each component are still rendered with the normal Bidi algorithm.) – Mac, Windows, Linux, Chrome OS

Default

[#left-to-right-urls](#)

### Omnibox entity suggestions

Enable receiving entity suggestions - disambiguation descriptions - for Omnibox suggestions. – Mac, Windows, Linux, Chrome OS

Default

[#omnibox-entity-suggestions](#)

### Omnibox rich entity suggestions

Display entity suggestions using images and an enhanced layout; showing more context and descriptive text about the entity – Mac, Windows, Linux, Chrome OS

Default

[#omnibox-rich-entity-suggestions](#)

### Omnibox tail suggestions

Enable receiving tail suggestions, a type of search suggestion based on the last few words in the query, for the Omnibox. – Mac, Windows, Linux, Chrome OS

Default

[#omnibox-tail-suggestions](#)

### Omnibox tab switch suggestions

Enable suggestions for switching to open tabs within the Omnibox. – Mac, Windows, Linux, Chrome OS

Default

[#omnibox-tab-switch-suggestions](#)

[Reset all to default](#)[#enable-new-app-menu-icon](#)**Enable speculative start of a service worker when a search is predicted.**

If enabled, when the user enters text in the omnibox that looks like a query, any service worker associated with the search engine the query will be sent to is started early. – Mac, Windows, Linux, Chrome OS, Android

[#enable-speculative-service-worker-start-on-query-input](#)

Default ▼

**Renderer side ResourceScheduler**

Migrate some ResourceScheduler functionalities to renderer – Mac, Windows, Linux, Chrome OS, Android

[#enable-renderer-side-resource-scheduler](#)

Default ▼

**Memory ablation experiment**

Allocates extra memory in the browser process. – Mac, Windows, Linux, Chrome OS, Android

[#memory-ablation](#)

Default ▼

**Include title for the current URL in the omnibox**

In the event that the omnibox provides suggestions on-focus, the URL of the current page is provided as the first suggestion without a title. Enabling this flag causes the title to be displayed. – Mac, Windows, Linux, Chrome OS, Android

[#omnibox-display-title-for-current-url](#)

Default ▼

**Force color profile**

Forces Chrome to use a specific color profile instead of the color of the window's current monitor, as specified by the operating system. – Mac, Windows, Linux, Chrome OS, Android

[#force-color-profile](#)

Default ▼

**Autoplay policy**

Policy used when deciding if audio or video is allowed to autoplay. – Mac, Windows, Linux, Chrome OS, Android

[#autoplay-policy](#)

Default ▼

**Override effective connection type**

Overrides the effective connection type of the current connection returned by the network quality estimator. Slow 2G on Cellular returns Slow 2G when connected to a cellular network, and the actual estimate effective connection type when not on a cellular network. Previews are usually served on 2G networks. – Mac, Windows, Linux, Chrome OS, Android

[#force-effective-connection-type](#)

Default ▼

**Native memory sampling profiler.**

Enables native memory sampling profiler with specified rate in KiB. If sampling rate is not provided the default value of 128 KiB is used. – Mac, Windows, Linux, Chrome OS,

Disabled ▼

[Reset all to default](#)

### Heap profiling

Enables heap profiling. – Mac, Windows, Linux, Chrome OS, Android

[#enable-heap-profiling](#)

Disabled ▼

### Out of process heap profiling start mode.

Creates a profiling service that records stacktraces for all live, malloced objects. Heap dumps can be obtained at [chrome://tracing](#) [category:memory-infra] and [chrome://memory-internals](#). This setting controls which processes are profiled. As long as this setting is not disabled, users can start profiling any given process in [chrome://memory-internals](#). – Mac, Windows, Linux, Chrome OS, Android

[#memlog](#)

Disabled ▼

### Emit small allocations in memlog heap dumps.

By default, small allocations are pruned from the heap dump. This reduces the size of the compressed trace by 100x. If pruning is disabled, the [chrome://tracing](#) UI may be unable to take or load the trace. Save the trace directly using [chrome://memory-internals](#), and use other mechanisms [e.g. [diff\\_heap\\_profiler.py](#)] to examine the trace. Note that automatically uploaded traces will always be pruned. This only affects manually taken memory-infra traces. – Mac, Windows, Linux, Chrome OS, Android

[#memlog-keep-small-allocations](#)

Disabled ▼

### Sample memlog allocations

Use a poisson process to sample allocations. Defaults to a sample rate of 10000. This results in low noise for large and/or frequent allocations [[size \* frequency >> 10000]. This means that aggregate numbers [e.g. total size of malloc-ed objects] and large and/or frequent allocations can be trusted with high fidelity. – Mac, Windows, Linux, Chrome OS, Android

[#memlog-sampling](#)

Disabled ▼

### The type of stack to record for memlog heap dumps

By default, memlog heap dumps record native stacks, which requires a post-processing step to symbolize. Requires a custom build with frame pointers to work on Android. Native with thread names will add the thread name as the first frame of each native stack. It's also possible to record a pseudo stack using trace events as identifiers. It's also possible to do a mix of both. – Mac, Windows, Linux, Chrome OS, Android

[#memlog-stack-mode](#)

Disabled ▼

### Omnibox UI Elide Suggestion URL After Host

Elides the path, query, and ref of suggested URLs in the Omnibox dropdown. – Mac, Windows, Linux, Chrome OS, Android

[#omnibox-ui-elide-suggestion-url-after-host](#)

Default ▼

### Omnibox UI Hide Steady-State URL Scheme and Trivial Subdomains

In the Omnibox, hide the scheme and trivial subdomains from steady state displayed URLs. Hidden portions are restored during editing. – Mac, Windows, Linux, Chrome OS, Android

Default ▼

Reset all to default

**Omnibox UI Hide Suggestion URL Scheme**

Elides the schemes of suggested URLs in the Omnibox dropdown. – Mac, Windows, Linux, Chrome OS, Android

[#omnibox-ui-hide-suggestion-url-scheme](#)

Default ▼

**Omnibox UI Hide Suggestion URL Trivial Subdomains**

Elides trivially informative subdomains from suggested URLs in the Omnibox dropdown (e.g. www. and m.). – Mac, Windows, Linux, Chrome OS, Android

[#omnibox-ui-hide-suggestion-url-trivial-subdomains](#)

Default ▼

**Omnibox UI Show Suggestion Favicons**

Shows favicons instead of generic vector icons for URL suggestions in the Omnibox dropdown. – Mac, Windows, Linux, Chrome OS

[#omnibox-ui-show-suggestion-favicons](#)

Default ▼

**Omnibox UI Max Autocomplete Matches**

Changes the maximum number of autocomplete matches displayed in the Omnibox UI. – Mac, Windows, Linux, Chrome OS

[#omnibox-ui-max-autocomplete-matches](#)

Default ▼

**Omnibox UI Vertical Layout**

Displays Omnibox suggestions in 2 lines - title over origin. – Mac, Windows, Linux, Chrome OS

[#omnibox-ui-vertical-layout](#)

Default ▼

**Omnibox UI Narrow Dropdown**

Makes the suggestions dropdown width match the omnibox width. – Mac, Windows, Linux, Chrome OS

[#omnibox-ui-narrow-dropdown](#)

Default ▼

**Omnibox UI Vertical Margin**

Changes the vertical margin in the Omnibox UI. – Mac, Windows, Linux, Chrome OS

[#omnibox-ui-vertical-margin](#)

Default ▼

**Omnibox UI Swap Title and URL**

In the omnibox dropdown, shows titles before URLs when both are available. – Mac, Windows, Linux, Chrome OS

[#omnibox-ui-swap-title-and-url](#)

Default ▼

**Disable minimum for server-side tile suggestions on NTP.**

Request server-side suggestions even if there are only very few of them and use them for tiles on the New Tab Page. – Mac, Windows, Linux, Chrome OS, Android

[#use-suggestions-even-if-few](#)

Default ▼

**Use new Accept-Language header**



Reset all to default

[#use-new-accept-language-header](#)

### Enable using the Google local NTP

Use the local New Tab page if Google is the default search engine. – Mac, Windows, Linux, Chrome OS

[#use-google-local-ntp](#)

Default ▼

### Enable the OneGoogleBar on the local NTP

Show a OneGoogleBar on the local New Tab page if Google is the default search engine. – Mac, Windows, Linux, Chrome OS

[#one-google-bar-on-local-ntp](#)

Default ▼

### Enable Picture-in-Picture.

Enable the Picture-in-Picture feature for videos. – Mac, Windows, Linux, Chrome OS

[#enable-picture-in-picture](#)

Default ▼

### Navigation response using Mojo

Browser side navigation (aka PlzNavigate) is using blob URLs to deliver the body of the main resource to the renderer process. This flag replaces this mechanism by using a Mojo DataPipe. – Mac, Windows, Linux, Chrome OS, Android

[#navigation-mojo-response](#)

Default ▼

### Experimental fullscreen exit UI

Displays experimental UI to allow mouse and touch input methods to exit fullscreen mode. – Windows, Linux, Chrome OS

[#enable-experimental-fullscreen-exit-ui](#)

Disabled ▼

### Enable network service

Enables the network service, which makes network requests through a separate service. Note: most features don't work with this yet. – Mac, Windows, Linux, Chrome OS, Android

[#network-service](#)

Default ▼

### Runs network service in-process

Runs the network service in the browser process. – Mac, Windows, Linux, Chrome OS, Android

[#network-service-in-process](#)

Default ▼

### Out of blink CORS

CORS handling logic is moved out of blink. – Mac, Windows, Linux, Chrome OS, Android

[#out-of-blink-cors](#)

Default ▼

### Keep a renderer alive for keepalive fetch requests

[Reset all to default](#)**Use new ddljson API for Doodles**

Enables the new ddljson API to fetch Doodles for the NTP. – Mac, Windows, Linux, Chrome OS, Android

[#use-ddljson-api](#)

Default

**Use the resource load scheduler**

Uses the resource load scheduler in blink to schedule and throttle resource load requests. – Mac, Windows, Linux, Chrome OS, Android

[#enable-resource-load-scheduler](#)

Default

**AsynclmageDecoding**

Enables asynchronous decoding of images from raster for web content – Mac, Windows, Linux, Chrome OS, Android

[#enable-async-image-decoding](#)

Default

**Capture page thumbnail on navigating away**

Capture a page thumbnail (for use on the New Tab page) when navigating away from the current page, in addition to other times a thumbnail may be captured. – Mac, Windows, Linux, Chrome OS

[#capture-thumbnail-on-navigating-away](#)

Default

**Manual fallbacks for password manager forms filling**

If enabled, then if user clicks on the password field on a form, popup might contain generation fallbacks or 'Show all saved passwords' fallback. – Mac, Windows, Linux, Chrome OS, Android

[#enable-manual-fallbacks-filling](#)

Default

**Enable Voice Search on the local NTP**

Show a microphone for voice search on the local New Tab page if Google is the default search engine. – Mac, Windows, Linux, Chrome OS

[#voice-search-on-local-ntp](#)

Default

**Click to open embedded PDFs**

When the PDF plugin is unavailable, show a click-to-open placeholder for embedded PDFs. – Mac, Windows, Linux, Chrome OS, Android

[#click-to-open-pdf](#)

Default

**Manual password saving.**

Show the password manager icon when typing into a password field. Clicking it allows to save the password without submitting the form. – Mac, Windows, Linux, Chrome OS

[#enable-manual-password-saving](#)

Default

**Remove usage of the deprecated GAIA sign-in endpoint**

[Reset all to default](#)[#remove-deprecated-gaia-signin-endpoint](#)

### Enable doodles on the local NTP

Show doodles on the local New Tab page if Google is the default search engine. – Mac, Windows, Linux, Chrome OS

[#doodles-on-local-ntp](#)

Default ▼

### Sound content setting

Enable site-wide muting in content settings and tab strip context menu. – Mac, Windows, Linux, Chrome OS, Android

[#sound-content-setting](#)

Default ▼

### Improved Language Settings

Set of changes for Language Settings. These changes are intended to fix the major bugs related to Language Settings. – Mac, Windows, Linux, Chrome OS, Android

[#enable-improved-language-settings](#)

Default ▼

### Allow regional locales as display UI

This flag allows regional locales to be selected as display UI by the user in Language Settings. The actual locale of the system is derived from the user selection based on some simple fallback logic. – Mac, Windows, Linux, Chrome OS, Android

[#enable-regional-locales-as-display-ui](#)

Default ▼

### Enable ECMAScript 6 modules dynamic import

Enables ECMAScript 6 modules dynamic "import" syntax support in V8 and Blink. – Mac, Windows, Linux, Chrome OS, Android

[#enable-module-scripts-dynamic-import](#)

Default ▼

### Use a snapshot to create V8 contexts.

Sets to use a snapshot to create V8 contexts in frame creation. – Mac, Windows, Linux, Chrome OS

[#enable-v8-context-snapshot](#)

Default ▼

### Parallel downloading

Enable parallel downloading to accelerate download speed. – Mac, Windows, Linux, Chrome OS, Android

[#enable-parallel-downloading](#)

Default ▼

### HTML-based username detector

Use HTML-based username detector for the password manager. – Mac, Windows, Linux, Chrome OS, Android

[#enable-html-base-username-detector](#)

Default ▼

### Enable new preconnect predictor

[Reset all to default](#)

implementations. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-new-preconnect](#)

### Icons on Media Controls Overflow Menu

Displays icons on the overflow menu of the native media controls – Mac, Windows, Linux, Chrome OS, Android  
[#enable-overflow-icons-for-media-controls](#)

Default ▼

### Block tab-unders

Blocks tab-unders in Chrome with some native UI to allow the user to proceed. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-block-tab-unders](#)

Default ▼

### Top Sites from Site Engagement

Enable Top Sites on the New Tab Page to be sourced and sorted using site engagement. – Mac, Windows, Linux, Chrome OS, Android  
[#top-sites-from-site-engagement](#)

Default ▼

### Enable NTLMv2 Authentication

Enable NTLMv2 HTTP Authentication. This disables NTLMv1 support. – Mac, Linux, Chrome OS, Android  
[#enable-ntlm-v2](#)

Default ▼

### Enable ECMAScript 6 modules import.meta.url

Enables ECMAScript 6 modules import.meta.url syntax support in V8 and Blink. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-module-scripts-import-meta-url](#)

Default ▼

### Stop in background

Stop scheduler task queues, in the background, after certain grace time. – Mac, Windows, Linux, Chrome OS, Android  
[#stop-in-background](#)

Default ▼

### Clipboard content setting

Enables a site-wide permission in the UI which controls access to the asynchronous clipboard web API – Mac, Windows, Linux, Chrome OS, Android  
[#clipboard-content-setting](#)

Default ▼

### New Media Controls

Enables the new style native media controls. – Mac, Windows, Linux, Chrome OS, Android  
[#enable-modern-media-controls](#)

Default ▼

### Enable network logging to file

[Reset all to default](#)

## [#enable-network-logging-to-file](#)

### Enable AV1 video decoding.

Allow decoding of files with the AV1 video codec. – Mac, Windows, Linux, Chrome OS

[#enable-av1-decoder](#)

Default ▼

### Wheel Scroll Latching.

Wheel scroll latching enforces latching to a single element for the duration of a scroll sequence. – Mac, Windows, Linux, Chrome OS, Android

[#enable-wheel-scroll-latching](#)

Default ▼

### Mark non-secure origins as non-secure

Change the UI treatment for HTTP pages – Mac, Windows, Linux, Chrome OS, Android

[#enable-mark-http-as](#)

Default ▼

### Web Authentication API.

Enable Web Authentication API support. – Mac, Windows, Linux, Chrome OS

[#enable-web-authentication-api](#)

Default ▼

### Viz Display Compositor (OOP-D)

If enabled, the display compositor runs as part of the viz service in theGPU process. – Mac, Windows, Linux

[#enable-viz-display-compositor](#)

Default ▼

### Unified Consent

Enables a unified management of user consent for privacy-related features. This includes new confirmation screens and improved settings pages. – Mac, Windows, Linux, Chrome OS, Android

[#unified-consent](#)

Default ▼

### Simplify HTTPS indicator UI

Change the UI treatment for HTTPS pages. – Mac, Windows, Linux, Chrome OS

[#simplify-https-indicator](#)

Default ▼

### Array.prototype.values ES6 method

Enables Array.prototype.values method – Mac, Windows, Linux, Chrome OS, Android

[#enable-array-prototype-values](#)

Default ▼

### Bundled Connection Help

Enables or disables redirecting users who get an interstitial when accessing <https://support.google.com/chrome/answer/6098869> to local connection help content. – Mac, Windows, Linux, Chrome OS, Android

[#BundledConnectionHelp](#)

Default ▼

[Reset all to default](#)[#enable-viz-hit-test-draw-quad](#)**Use PDF compositor service for printing**

When enabled, use PDF compositor service to composite and generate PDF files for printing. When site isolation is enabled, disabling this will not stop using PDF compositor service since the service is required for printing out-of-process iframes correctly. – Mac, Windows, Linux, Chrome OS

[#use-pdf-compositor-service-for-print](#)

Default ▼