

## Table of Contents

### [GDPR Compliance Report — stackoverflow.com](#)

- [Global Compliance Score](#)
- [Executive Summary](#)
- [1. Consent Modal](#)
- [2. Dark Patterns and Detected Issues](#)
- [3. Cookies Set Before Any Interaction](#)
- [4. Cookies After Consent Rejection](#)
- [5. Cookies After Consent Acceptance](#)
- [6. Network Requests — Detected Trackers](#)
- [7. Recommendations](#)
- [Scan Errors and Warnings](#)
- [Legal References](#)

### [GDPR Compliance Checklist — stackoverflow.com](#)

- [Consent](#)
- [Easy refusal](#)
- [Transparency](#)
- [Cookie behavior](#)

### [Cookie Inventory — stackoverflow.com](#)

- [Instructions](#)
- [Cookie table](#)

# GDPR Compliance Report — stackoverflow.com

Scan date: 22/02/2026, 19:24:00 Scanned URL: <https://stackoverflow.com> Scan duration: 12.5s  
Tool: gdpr-cookie-scanner v0.1.0

## Global Compliance Score

● 66/100 — Grade C

Criterion	Score	Progress	Status
Consent validity	25/25	<div style="width: 100%;"><div style="width: 100%;">██████████</div></div>	✓
Easy refusal	10/25	<div style="width: 40%;"><div style="width: 100%;">███████</div></div>	✗
Transparency	20/25	<div style="width: 80%;"><div style="width: 100%;">███████████</div></div>	✓
Cookie behavior	11/25	<div style="width: 44%;"><div style="width: 100%;">███████████</div></div>	✗
<strong>TOTAL</strong>	<strong>66/100</strong>		C

## Executive Summary

✓ Consent modal detected ( `#onetrust-banner-sdk` ). ✗ 1 non-essential cookie(s) set before any interaction (RGPD violation). ✗ 1 non-essential cookie(s) persisting after rejection (RGPD violation). ✗ 7 tracker request(s) fired before consent.

3 critical issue(s) and 1 warning(s) identified.

## 1. Consent Modal

CSS selector: `#onetrust-banner-sdk` Granular controls: ✓ Yes Layer count: 2 Privacy policy link: ⚠ Not found in the modal

### Detected buttons

Button	Text	Visible	Font size	Contrast ratio
? Unknown	List of Partners (vendors)	✓	13.12px	11.45:1
● Accept	Accept all cookies	✓	13.12px	8.27:1
? Unknown	Necessary cookies only	✓	13.12px	8.27:1
⚙️ Preferences	Customize Settings	✓	13.12px	8.27:1

## Screenshot

The screenshot shows the Stack Overflow homepage. At the top, there is a navigation bar with links for 'About', 'Products', 'For Teams', a search bar, and buttons for 'Log in' and 'Sign up'. Below the navigation is a large dark modal window titled 'We Care About Your Privacy'. The modal contains text explaining data storage and tracking, and two buttons at the bottom: 'Accept all cookies' and 'Necessary cookies only'. The main content area of the page shows several questions from users like 'Razvan Zamfir' and 'Yash Mahajan' about various technical topics. To the right, there are sections for 'The Overflow Blog' and 'Featured on Meta', and a 'Collectives' sidebar with options for AWS, Microsoft Azure, and OpenAI.

## Modal text excerpt

We Care About Your Privacy  
We and our 277 partners store and access personal data, like browsing data or unique identifiers, on your device. Selecting Accept all cookies enables tracking technologies to support the purposes shown under we and our partners process data to provide. Selecting Necessary cookies only or withdrawing your consent will disable them. If trackers are disabled, some content and ads you see may not be as relevant to you. You can resurface this menu to change your choices or ...

## 2. Dark Patterns and Detected Issues

### ✗ Critical issues

#### No reject button on first layer

CNIL (2022) requires reject to require no more clicks than accept

## 1 non-essential cookie(s) deposited before any interaction

prov (unknown)

## 7 tracker request(s) fired before any consent

Google Tag Manager, Google AdSense, Google DoubleClick, Google Analytics, Tracking Pixel

### ⚠ Warnings

#### No privacy policy link found in the consent modal

GDPR Art. 13 requires the privacy policy to be accessible from the consent interface

## 3. Cookies Set Before Any Interaction

Name	Domain	Category	Expiry	Consent required
prov	.stackoverflow.com	unknown	12 months	⚠ Yes
_cflb	stackoverflow.com	unknown	1 days	✓ No
_cf_bm	.stackoverflow.com	unknown	< 1 day	✓ No
_cfuvid	.stackoverflow.com	unknown	Session	✓ No
_cf_bm	.isstatic.net	unknown	< 1 day	✓ No
_cfuvid	.isstatic.net	unknown	Session	✓ No
cf_clearance	.stackoverflow.com	unknown	12 months	✓ No
g_state	stackoverflow.com	unknown	6 months	✓ No
OptanonConsent	.stackoverflow.com	unknown	12 months	✓ No

## 4. Cookies After Consent Rejection

✓ No non-essential cookie detected after rejection.

No cookies detected.

## 5. Cookies After Consent Acceptance

Name	Domain	Category	Expiry	Consent required
prov	.stackoverflow.com	unknown	12 months	⚠ Yes
_cflb	stackoverflow.com	unknown	1 days	✓ No
_cf_bm	.stackoverflow.com	unknown	< 1 day	✓ No
_cfuvid	.stackoverflow.com	unknown	Session	✓ No
_cf_bm	.i.sstatic.net	unknown	< 1 day	✓ No
_cfuvid	.i.sstatic.net	unknown	Session	✓ No
cf_clearance	.stackoverflow.com	unknown	12 months	✓ No
g_state	stackoverflow.com	unknown	6 months	✓ No
OptanonAlertBoxClosed	.stackoverflow.com	unknown	12 months	✓ No
_sharedID	.stackoverflow.com	unknown	1 months	✓ No
_sharedID_cst	.stackoverflow.com	unknown	1 months	✓ No
eupubconsent-v2	.stackoverflow.com	unknown	12 months	✓ No
_ga	.stackoverflow.com	analytics	13 months	⚠ Yes
_ga_WCZ03SZFCQ	.stackoverflow.com	analytics	13 months	⚠ Yes
OptanonConsent	.stackoverflow.com	unknown	12 months	✓ No
_eoi	.stackoverflow.com	unknown	6 months	✓ No
pbjs-unifiedid	stackoverflow.com	unknown	2 months	✓ No
pbjs-unifiedid_cst	stackoverflow.com	unknown	2 months	✓ No
_cc_dc	.crwdcntrl.net	unknown	9 months	✓ No
_cc_id	.crwdcntrl.net	unknown	9 months	✓ No
_cc_cc	.crwdcntrl.net	unknown	9 months	✓ No
_cc_aud	.crwdcntrl.net	unknown	9 months	✓ No
panoramaId_expiry	.stackoverflow.com	unknown	7 days	✓ No
_cc_id	.stackoverflow.com	unknown	9 months	✓ No
panoramaId	.stackoverflow.com	unknown	7 days	✓ No
uid	.criteo.com	advertising	13 months	⚠ Yes
cto_bidid	.stackoverflow.com	unknown	13 months	✓ No
cto_bundle	.criteo.com	unknown	13 months	✓ No
cto_bundle	.stackoverflow.com	unknown	13 months	✓ No
_cflb	cdn.sstatic.net	unknown	1 days	✓ No
_cf_bm	.sstatic.net	unknown	< 1 day	✓ No
_cfuvid	.sstatic.net	unknown	Session	✓ No

Name	Domain	Category	Expiry	Consent required
receive-cookie-deprecation	.3lift.com	unknown	3 months	✓ No
DotomiUser	.dotomi.com	unknown	13 months	✓ No
receive-cookie-deprecation	.dotomi.com	unknown	13 months	✓ No
receive-cookie-deprecation	prebid.media.net	unknown	6 months	✓ No
receive-cookie-deprecation	.casalemedia.com	unknown	12 months	✓ No
id5	.id5-sync.com	unknown	3 months	⚠ Yes
khaos	.rubiconproject.com	unknown	12 months	✓ No
audit	.rubiconproject.com	unknown	12 months	✓ No
IDE	.doubleclick.net	advertising	13 months	⚠ Yes
APC	.doubleclick.net	unknown	6 months	⚠ Yes
flashtalkingad1	.flashtalking.com	unknown	13 months	✓ No
_D9J	.flashtalking.com	unknown	12 months	⚠ Yes

## 6. Network Requests — Detected Trackers

### Before interaction (7 tracker(s))

Tracker	Category	URL	Type
Google Tag Manager	analytics	<a href="https://www.googletagmanager.com/gtag/js?id=G-WCZ03SZFCQ">https://www.googletagmanager.com/gtag/js?id=G-WCZ03SZFCQ</a>	script
Google AdSense	advertising	<a href="https://pagead2.googlesyndication.com/tag/js/gpt.js">https://pagead2.googlesyndication.com/tag/js/gpt.js</a>	script
Google DoubleClick	advertising	<a href="https://securepubads.g.doubleclick.net/tag/js/gpt.js">https://securepubads.g.doubleclick.net/tag/js/gpt.js</a>	script
Google AdSense	advertising	<a href="https://pagead2.googlesyndication.com/pagead/managed/js/g...">https://pagead2.googlesyndication.com/pagead/managed/js/g...</a>	script
Google Analytics	analytics	<a href="https://region1.google-analytics.com/g/collect?v=2&amp;tid=G-...">https://region1.google-analytics.com/g/collect?v=2&amp;tid=G-...</a>	fetch
Google AdSense	advertising	<a href="https://pagead2.googlesyndication.com/pagead/managed/dict...">https://pagead2.googlesyndication.com/pagead/managed/dict...</a>	other
Tracking Pixel	pixel	<a href="https://accounts.google.com/gsi/log?client_id=71776232868...">https://accounts.google.com/gsi/log?client_id=71776232868...</a>	xhr

### After acceptance (68 tracker(s))

Tracker	Category	URL	Type
Google Tag Manager	analytics	<a href="https://www.googletagmanager.com/gtag/js?id=G-WCZ03SZFCQ">https://www.googletagmanager.com/gtag/js?id=G-WCZ03SZFCQ</a>	script
Google AdSense	advertising	<a href="https://pagead2.googlesyndication.com/tag/js/gpt.js">https://pagead2.googlesyndication.com/tag/js/gpt.js</a>	script

Tracker	Category	URL	Type
Google AdSense	advertising	<a href="https://pagead2.googlesyndication.com/pagead/managed/js/g...">https://pagead2.googlesyndication.com/pagead/managed/js/g...</a>	script
Google DoubleClick	advertising	<a href="https://securepubads.g.doubleclick.net/tag/js/gpt.js">https://securepubads.g.doubleclick.net/tag/js/gpt.js</a>	script
Google AdSense	advertising	<a href="https://pagead2.googlesyndication.com/pagead/managed/dict...">https://pagead2.googlesyndication.com/pagead/managed/dict...</a>	other
Google Analytics	analytics	<a href="https://region1.google-analytics.com/g/collect?v=2&amp;tid=G-...">https://region1.google-analytics.com/g/collect?v=2&amp;tid=G-...</a>	fetch
Tracking Pixel	pixel	<a href="https://accounts.google.com/gsi/log?client_id=71776232868...">https://accounts.google.com/gsi/log?client_id=71776232868...</a>	xhr
Google Analytics	analytics	<a href="https://region1.google-analytics.com/g/collect?v=2&amp;tid=G-...">https://region1.google-analytics.com/g/collect?v=2&amp;tid=G-...</a>	fetch
Google Analytics	analytics	<a href="https://region1.analytics.google.com/g/collect?v=2&amp;tid=G-...">https://region1.analytics.google.com/g/collect?v=2&amp;tid=G-...</a>	fetch
Google DoubleClick	advertising	<a href="https://stats.g.doubleclick.net/g/collect?v=2&amp;tid=G-WCZ03...">https://stats.g.doubleclick.net/g/collect?v=2&amp;tid=G-WCZ03...</a>	ping
Criteo	advertising	<a href="https://static.criteo.net/js/ld/publishertag.ids.js">https://static.criteo.net/js/ld/publishertag.ids.js</a>	script
Google AdSense	advertising	<a href="https://pagead2.googlesyndication.com/gampad/ads?pvsid=67...">https://pagead2.googlesyndication.com/gampad/ads?pvsid=67...</a>	fetch
Google AdSense	advertising	<a href="https://d888e23a329526dc9ce3f0b7b6578905.safeframe.google...">https://d888e23a329526dc9ce3f0b7b6578905.safeframe.google...</a>	document
Google AdSense	advertising	<a href="https://pagead2.googlesyndication.com/gampad/ads?pvsid=67...">https://pagead2.googlesyndication.com/gampad/ads?pvsid=67...</a>	fetch
Google AdSense	advertising	<a href="https://d888e23a329526dc9ce3f0b7b6578905.safeframe.google...">https://d888e23a329526dc9ce3f0b7b6578905.safeframe.google...</a>	document
Google AdSense	advertising	<a href="https://d888e23a329526dc9ce3f0b7b6578905.safeframe.google...">https://d888e23a329526dc9ce3f0b7b6578905.safeframe.google...</a>	document
Google AdSense	advertising	<a href="https://pagead2.googlesyndication.com/bg/xBXdrLeq7aQZSZ_B...">https://pagead2.googlesyndication.com/bg/xBXdrLeq7aQZSZ_B...</a>	script
Google AdSense	advertising	<a href="https://tpc.googlesyndication.com/safeframe/1-0-45/js/ext.js">https://tpc.googlesyndication.com/safeframe/1-0-45/js/ext.js</a>	script
Google AdSense	advertising	<a href="https://pagead2.googlesyndication.com/pagead/js/r20260218...">https://pagead2.googlesyndication.com/pagead/js/r20260218...</a>	script
Google AdSense	advertising	<a href="https://tpc.googlesyndication.com/simgad/1623626705182823...">https://tpc.googlesyndication.com/simgad/1623626705182823...</a>	image

... and 48 additional request(s).

## 7. Recommendations

1. **Add a "Reject all" button** at the first layer of the modal, requiring no more clicks than "Accept all" (CNIL 2022).
2. **Do not set any non-essential cookie before consent.** Gate the initialisation of third-party scripts on acceptance.
3. **Complete the modal information:** purposes, identity of sub-processors, retention period, right to withdraw.
4. **Remove or block non-essential cookies** after rejection, and verify consent handling server-side.

## Scan Errors and Warnings

- ! No reject button found — could not test rejection flow

## Legal References

- **RGPD Art. 7** — Conditions for consent
  - **RGPD Recital 32** — Consent must result from an unambiguous positive action
  - **ePrivacy Directive 2002/58/EC** — Consent requirement for non-essential cookies
  - **CEPD Guidelines 05/2020** — Consent under the RGPD
  - **CEPD Guidelines 03/2022** — Dark patterns on platforms
  - **CNIL Recommendation 2022** — Rejection must be as easy as acceptance (same number of clicks)
-

# GDPR Compliance Checklist — stackoverflow.com

Scan date: 22/02/2026, 19:24:00 Scanned URL: <https://stackoverflow.com> Global score: 66/100 — Grade C

13 rule(s) compliant · 3 non-compliant · 1 warning(s)

## Consent

Rule	Reference	Status	Detail
Consent modal detected	<a href="#">GDPR Art. 7 · ePrivacy Dir. Art. 5(3)</a>	<input checked="" type="checkbox"/> Compliant	Detected ( #onetrust-banner-sdk )
No pre-ticked checkboxes	<a href="#">GDPR Recital 32</a>	<input checked="" type="checkbox"/> Compliant	No pre-ticked checkbox detected
Accept button label is unambiguous	<a href="#">GDPR Art. 4(11)</a>	<input checked="" type="checkbox"/> Compliant	Clear label: "Accept all cookies"

## Easy refusal

Rule	Reference	Status	Detail
Reject button present at first layer	<a href="#">CNIL Recommendation 2022</a>	<input type="checkbox"/> Non-compliant	No Reject button at first layer
Rejecting requires no more clicks than accepting	<a href="#">CNIL Recommendation 2022</a>	<input checked="" type="checkbox"/> Compliant	Cannot verify (missing buttons)
Size symmetry between Accept and Reject	<a href="#">EDPB Guidelines 03/2022</a>	<input checked="" type="checkbox"/> Compliant	Button sizes are comparable
Font symmetry between Accept and Reject	<a href="#">EDPB Guidelines 03/2022</a>	<input checked="" type="checkbox"/> Compliant	Font sizes are comparable

## Transparency

Rule	Reference	Status	Detail
Granular controls available	<a href="#">EDPB Guidelines 05/2020</a>	<input checked="" type="checkbox"/> Compliant	0 checkbox(es) or preferences panel detected
Processing purposes mentioned	<a href="#">GDPR Art. 13-14</a>	<input checked="" type="checkbox"/> Compliant	Mention found in the modal text

Rule	Reference	Status	Detail
Sub-processors / third parties mentioned	<a href="#">GDPR Art. 13-14</a>	<input checked="" type="checkbox"/> Compliant	Mention found in the modal text
Retention period mentioned	<a href="#">GDPR Art. 13(2) (a)</a>	<input checked="" type="checkbox"/> Compliant	Mention found in the modal text
Right to withdraw consent mentioned	<a href="#">GDPR Art. 7(3)</a>	<input checked="" type="checkbox"/> Compliant	Mention found in the modal text
Privacy policy link present in the consent modal	<a href="#">GDPR Art. 13</a>	Warning	No privacy policy link found inside the consent modal
Privacy policy accessible from the main page	<a href="#">GDPR Art. 13</a>	<input checked="" type="checkbox"/> Compliant	Link found: <a href="https://stackoverflow.com/legal/privacy-policy">https://stackoverflow.com/legal/privacy-policy</a>

## Cookie behavior

Rule	Reference	Status	Detail
No non-essential cookie before consent	<a href="#">GDPR Art. 7 · ePrivacy Dir. Art. 5(3)</a>	Non-compliant	1 illegal cookie(s): <code>prov</code> (unknown)
Non-essential cookies removed after rejection	<a href="#">GDPR Art. 7 · CNIL Recommendation 2022</a>	<input checked="" type="checkbox"/> Compliant	No non-essential cookie persisting after rejection
No network tracker before consent	<a href="#">GDPR Art. 7 · ePrivacy Dir. Art. 5(3)</a>	Non-compliant	7 tracker(s): Google Tag Manager, Google AdSense, Google DoubleClick

# Cookie Inventory — stackoverflow.com

Scan date: 22/02/2026, 19:24:00 Scanned URL: <https://stackoverflow.com> Unique cookies detected: 44

## Instructions

This table lists all cookies detected during the scan, across all phases. The **Description / Purpose** column is to be filled in by the DPO or technical owner.

- **Before consent** — cookie present from page load, before any interaction
- **After acceptance** — cookie set or persisting after clicking "Accept all"
- **After rejection** — cookie present after clicking "Reject all"

## Cookie table

Cookie	Domain	Category	Phases	Expiry	Consent required	Description / Purpose
_ga	.stackoverflow.com	Analytics	after acceptance	13 months	<span style="color: yellow;">⚠</span> Yes	
_ga_WCZ03SZFCQ	.stackoverflow.com	Analytics	after acceptance	13 months	<span style="color: yellow;">⚠</span> Yes	
IDE	.doubleclick.net	Advertising	after acceptance	13 months	<span style="color: yellow;">⚠</span> Yes	
uid	.criteo.com	Advertising	after acceptance	13 months	<span style="color: yellow;">⚠</span> Yes	
__cf_bm	.stackoverflow.com	Unknown	before consent, after acceptance	< 1 day	<input checked="" type="checkbox"/> No	
__cf_bm	.sstatic.net	Unknown	before consent, after acceptance	< 1 day	<input checked="" type="checkbox"/> No	
__cf_bm	.sstatic.net	Unknown	after acceptance	< 1 day	<input checked="" type="checkbox"/> No	

Cookie	Domain	Category	Phases	Expiry	Consent required	Description / Purpose
__cf_lb	stackoverflow.com	Unknown	before consent, after acceptance	1 days	<input checked="" type="checkbox"/>	No
__cf_lb	cdn.sstatic.net	Unknown	after acceptance	1 days	<input checked="" type="checkbox"/>	No
_eoi	.stackoverflow.com	Unknown	after acceptance	6 months	<input checked="" type="checkbox"/>	No
_cc_aud	.crwdcntrl.net	Unknown	after acceptance	9 months	<input checked="" type="checkbox"/>	No
_cc_cc	.crwdcntrl.net	Unknown	after acceptance	9 months	<input checked="" type="checkbox"/>	No
_cc_dc	.crwdcntrl.net	Unknown	after acceptance	9 months	<input checked="" type="checkbox"/>	No
_cc_id	.crwdcntrl.net	Unknown	after acceptance	9 months	<input checked="" type="checkbox"/>	No
_cc_id	.stackoverflow.com	Unknown	after acceptance	9 months	<input checked="" type="checkbox"/>	No
_cfuv_id	.stackoverflow.com	Unknown	before consent, after acceptance	Session	<input checked="" type="checkbox"/>	No
_cfuv_id	.i.sstatic.net	Unknown	before consent, after acceptance	Session	<input checked="" type="checkbox"/>	No
_cfuv_id	.sstatic.net	Unknown	after acceptance	Session	<input checked="" type="checkbox"/>	No
_D9J	.flashtalking.com	Unknown	after acceptance	12 months	<span style="color: yellow;">⚠</span>	Yes
_sharedID	.stackoverflow.com	Unknown	after acceptance	1 months	<input checked="" type="checkbox"/>	No
_sharedID_cst	.stackoverflow.com	Unknown	after acceptance	1 months	<input checked="" type="checkbox"/>	No
APC	.doubleclick.net	Unknown	after acceptance	6 months	<span style="color: yellow;">⚠</span>	Yes
audit	.rubiconproject.com	Unknown	after acceptance	12 months	<input checked="" type="checkbox"/>	No

Cookie	Domain	Category	Phases	Expiry	Consent required	Description / Purpose
cf_clearance	.stackoverflow.com	Unknown	before consent, after acceptance	12 months	<input checked="" type="checkbox"/>	No
cto_bidid	.stackoverflow.com	Unknown	after acceptance	13 months	<input checked="" type="checkbox"/>	No
cto_bundle	.criteo.com	Unknown	after acceptance	13 months	<input checked="" type="checkbox"/>	No
cto_bundle	.stackoverflow.com	Unknown	after acceptance	13 months	<input checked="" type="checkbox"/>	No
DotomiUser	.dotomi.com	Unknown	after acceptance	13 months	<input checked="" type="checkbox"/>	No
eupubconsent-v2	.stackoverflow.com	Unknown	after acceptance	12 months	<input checked="" type="checkbox"/>	No
flashtalkingad1	.flashtalking.com	Unknown	after acceptance	13 months	<input checked="" type="checkbox"/>	No
g_state	stackoverflow.com	Unknown	before consent, after acceptance	6 months	<input checked="" type="checkbox"/>	No
id5	.id5-sync.com	Unknown	after acceptance	3 months	<span style="color: yellow;">⚠</span>	Yes
khaos	.rubiconproject.com	Unknown	after acceptance	12 months	<input checked="" type="checkbox"/>	No
OptanonAlertBoxClosed	.stackoverflow.com	Unknown	after acceptance	12 months	<input checked="" type="checkbox"/>	No
OptanonConsent	.stackoverflow.com	Unknown	before consent, after acceptance	12 months	<input checked="" type="checkbox"/>	No
panoramaId	.stackoverflow.com	Unknown	after acceptance	7 days	<input checked="" type="checkbox"/>	No
panoramaId_expiry	.stackoverflow.com	Unknown	after acceptance	7 days	<input checked="" type="checkbox"/>	No
pbjs-unifiedid	stackoverflow.com	Unknown	after acceptance	2 months	<input checked="" type="checkbox"/>	No
pbjs-unifiedid_cst	stackoverflow.com	Unknown	after acceptance	2 months	<input checked="" type="checkbox"/>	No

Cookie	Domain	Category	Phases	Expiry	Consent required	Description / Purpose
prov	.stackoverflow.com	Unknown	before consent, after acceptance	12 months	<span style="color: yellow;">⚠</span> Yes	
receive-cookie-deprecation	.3lift.com	Unknown	after acceptance	3 months	<span style="color: green;">✓</span> No	
receive-cookie-deprecation	.dotomi.com	Unknown	after acceptance	13 months	<span style="color: green;">✓</span> No	
receive-cookie-deprecation	prebid.media.net	Unknown	after acceptance	6 months	<span style="color: green;">✓</span> No	
receive-cookie-deprecation	.casalemedia.com	Unknown	after acceptance	12 months	<span style="color: green;">✓</span> No	

*Automatically generated by gdpr-cookie-scanner. Categories marked "Unknown" could not be identified automatically and should be verified manually.*