

https://www.cncf.io/



Performance



Accessibility



Best Practices



SEO



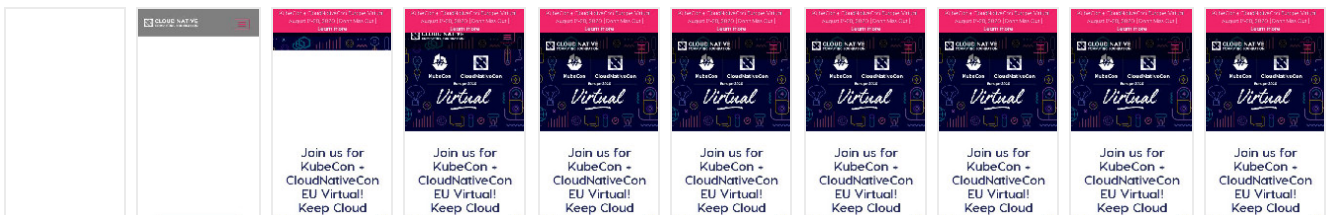
# Performance

## Metrics











▲ First Contentful Paint	4.3 s	▲ Time to Interactive	42.0 s
▲ Speed Index	12.1 s	▲ Total Blocking Time	3,770 ms
▲ Largest Contentful Paint	31.1 s	● Cumulative Layout Shift	0

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.



**Opportunities** — These suggestions can help your page load faster. They don't

[directly affect](#) the Performance score.

Opportunity	Estimated Savings
▲ Defer offscreen images	 32.7 s ▼
▲ Serve images in next-gen formats	 26.7 s ▼
▲ Efficiently encode images	 20.55 s ▼
▲ Properly size images	 16.95 s ▼
▲ Remove unused JavaScript	 4.35 s ▼
▲ Eliminate render-blocking resources	 3.75 s ▼
▲ Preload key requests	 2.73 s ▼
▲ Remove unused CSS	 0.9 s ▼

**Diagnostics** — More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

▲ Avoid enormous network payloads — Total size was 9,451 KiB	▼
▲ Ensure text remains visible during webfont load	▼
▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 4,230 ms	▼
▲ Does not use passive listeners to improve scrolling performance	▼
▲ Minimize main-thread work — 12.3 s	▼
▲ Reduce JavaScript execution time — 8.3 s	▼
▲ Serve static assets with an efficient cache policy — 20 resources found	▼
■ Avoid an excessive DOM size — 1,120 elements	▼

- Avoid chaining critical requests — 38 chains found ▼

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- User Timing marks and measures — 4 user timings ▼

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- Keep request counts low and transfer sizes small — 181 requests • 9,451 KiB ▼

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- Largest Contentful Paint element — 1 element found ▼

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- Avoid large layout shifts — 5 elements found ▼

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- Avoid long main-thread tasks — 20 long tasks found ▼

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## Passed audits (8) ▼



## Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

**Contrast** — These are opportunities to improve the legibility of your content.

- ▲ Background and foreground colors do not have a sufficient contrast ratio. ▼

**Names and labels** — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive

technology, like a screen reader.

- 
- ▲ `<frame>` or `<iframe>` elements do not have a title ▼

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  - ▲ Image elements do not have `[alt]` attributes ▼

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  - ▲ Form elements do not have associated labels ▼

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  - ▲ Links do not have a discernible name ▼
- 

**Navigation** — These are opportunities to improve keyboard navigation in your application.

- 
- ▲ Heading elements are not in a sequentially-descending order ▼
- 

**Best practices** — These items highlight common accessibility best practices.

- 
- ▲ `[user-scalable="no"]` is used in the `<meta name="viewport">` element or the `[maximum-scale]` attribute is less than 5. ▼
- 

**Additional items to manually check (10)** — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#). ▼

**Passed audits (14)** ▼

**Not applicable (20)** ▼

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## Best Practices

### Trust and Safety

- ▲ Links to cross-origin destinations are unsafe ▼
- ▲ Includes front-end JavaScript libraries with known security vulnerabilities **— 5 vulnerabilities detected** ▼

### General

- ▲ Browser errors were logged to the console ▼

### Passed audits (11) ▼



## SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your

search ranking. [Learn more.](#)

**Content Best Practices** — Format your HTML in a way that enables crawlers to better understand your app's content.

- ▲ Document does not have a meta description ▼
- ▲ Links do not have descriptive text — 6 links found ▼
- ▲ Image elements do not have `[alt]` attributes ▼

**Crawling and Indexing** — To appear in search results, crawlers need access to your app.

- ▲ Links are not crawlable ▼

**Additional items to manually check (1)** — Run these additional validators on your site to check additional SEO best practices. ▼

**Passed audits (10)** ▼

### Runtime Settings

<b>URL</b>	https://www.cncf.io/
<b>Fetch Time</b>	Aug 8, 2020, 10:32 AM GMT+1
<b>Device</b>	Emulated Moto G4
<b>Network throttling</b>	Unknown

<b>CPU throttling</b>	Unknown
<b>Channel</b>	lr
<b>User agent (host)</b>	Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/83.0.4103.93 Safari/537.36
<b>User agent (network)</b>	Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Mobile Safari/537.36 Chrome-Lighthouse
<b>CPU/Memory Power</b>	842

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