

Content
Lighthouse v2 Scoring Guide
Lighthouse v3 Scoring Guide
Consistently Interactive
Critical Request Chains
Defer unused CSS
Enable Text Compression
Estimated Input Latency
First Interactive
First Meaningful Paint
Has Enormous Network Payloads
Has multiple page redirects
JavaScript Bootup Time Is Too High
Keep Server Response Times Low
Minify CSS
Offscreen Images
Optimize Images
Oversized Images
Perceptual Speed Index
Preload key requests
Reduce Render-Blocking Scripts
Reduce Render-Blocking Stylesheets
Serve Images In Next-Gen Formats
Time to Interactive
Unoptimized Images
User Timing Marks and Measures
Uses An Excessive DOM Size
Uses inefficient cache policy on static assets
Address Bar Matches Brand Colors
Cache Contains start_url From Manifest
Configured For A Custom Splash Screen
Contains Some Content When Its Scripts Are Not Available
Content Sized Correctly for Viewport

Has A Viewport Meta Tag With width Or initial-scale
Manifest Contains Icons at Least 192px
Manifest Contains background_color
Manifest Contains name
Manifest Contains short_name
Manifest Contains Start URL
Manifest Exists
Manifest's display Property Is Set
Page Load Is Fast Enough On 3G
Redirects HTTP Traffic To HTTPS
Registers A Service Worker
Responds With A 200 When Offline
User Can Be Prompted To Install The Web App
Uses HTTPS
Buttons Have An Accessible Name
Document Doesn't Have A Title Element
Element aria-* Attributes Are Allowed For This Role
Element aria-* Attributes Are Valid And Not Misspelled Or Non-Existent
Element aria-* Attributes Have Valid Values
Elements With ARIA Roles Have The Required aria-* Attributes
Every Form Element Has A Label
Every Image Has An alt Attribute
No Element Has A tabindex Attribute Greater Than 0
Avoids Application Cache
Avoids console.time()
Avoids Date.now()
Avoids Deprecated APIs
Avoids document.write()
Avoids Mutation Events In Its Own Scripts
Avoids Old CSS Flexbox
Avoids Requesting The Geolocation Permission On Page Load
Avoids Requesting The Notification Permission On Page Load
Avoids Web SQL

Displays Images With Incorrect Aspect Ratio
Includes Front-End JavaScript Libraries With Known Security Vulnerabilities
Manifest's short_Name Won't Be Truncated When Displayed On Homescreen
Opens External Anchors Using rel="noopener"
Prevents Users From Pasting Into Password Fields
Some Insecure Resources Can Be Upgraded To HTTPS
Uses HTTPS
Uses HTTP/2 For Its Own Resources
Uses Passive Event Listeners To Improve Scrolling Performance
Document Does Not Have A Meta Description
Document Doesn't Have A Title Element
Document doesn't have a valid hreflang
Document doesn't have a valid rel=canonical
Document Doesn't Use Legible Font Sizes
Document uses plugins
Links Do Not Have Descriptive Text
Page has unsuccessful HTTP status code
Page is blocked from indexing
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