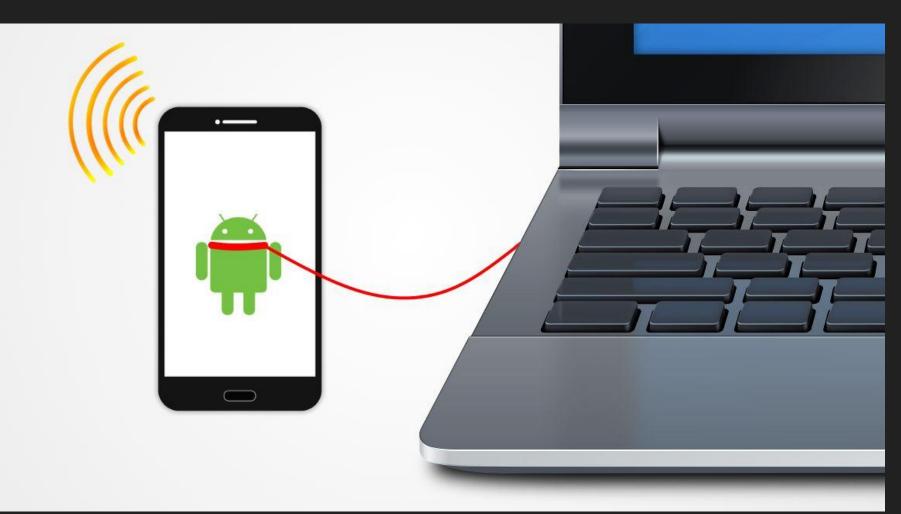
How to Have Happier Users and Better Data with Faster Apps

@datarichness





Secure https://hpbn.co/primer-on-latency-and-bandwidth/



High Performance Browser Networking | O'Reilly

Primer on Latency and Bandwidth

NETWORKING 101, CHAPTER 1

Speed Is a Feature

The emergence and the fast growth of the web performance optimization (WPO) industry within the past few years is a telltale sign of the growing importance and demand for speed and faster user experiences by the users. And this is not simply a psychological *need for speed* in our ever accelerating and connected world, but a requirement driven by empirical results, as measured with respect to the bottom-line performance of the many online businesses:

- Faster sites lead to better user engagement.
- Faster sites lead to better user retention.
- Faster sites lead to higher conversions.

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iHRIS Manage

Help Feedback iHRIS Website

Welcome

iHRIS Manage is a human resources management bol that enables an organization to design and manage a comprehensive human resources strategy. While primarily intended for managing health care workers, iHRIS Manage may be readily adapted to other types of workforces. IHRIS Manage is a free, Open Source software solution developed by <u>CapacityPlus</u>, an innovative global initiative to help developing countries build and sustain the health workforce.



Please Log In

Enter demo for username and password.

Username:	Password:				
demo					
Forget username or password?	Log				

The demonstration contains sample data from the fictional country of Taifafeki and a selection of sample reports. We invite you to play with the data, run reports, enter records and learn how the software works. We welcome any comments, suggestions, feature requests and bug reports; click the Feedback button on any page to submit comments to us.

The information provided on this website is not official U.S. Government information and does not represent the views or positions of the U.S. Agency for International Development or the U.S. Government. HRIS Strengthening is a program of CapacityPlus, a USAID-funded global project designed to strengthen human resources for health. The CapacityPlus Project partnership is led by IntraHealth International.

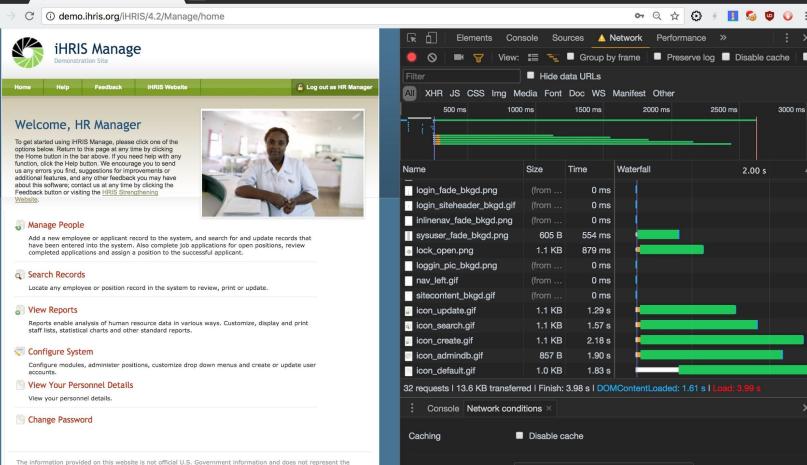
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views or positions of the U.S. Agency for International Development or the U.S. Government. HRIS Strengthening is

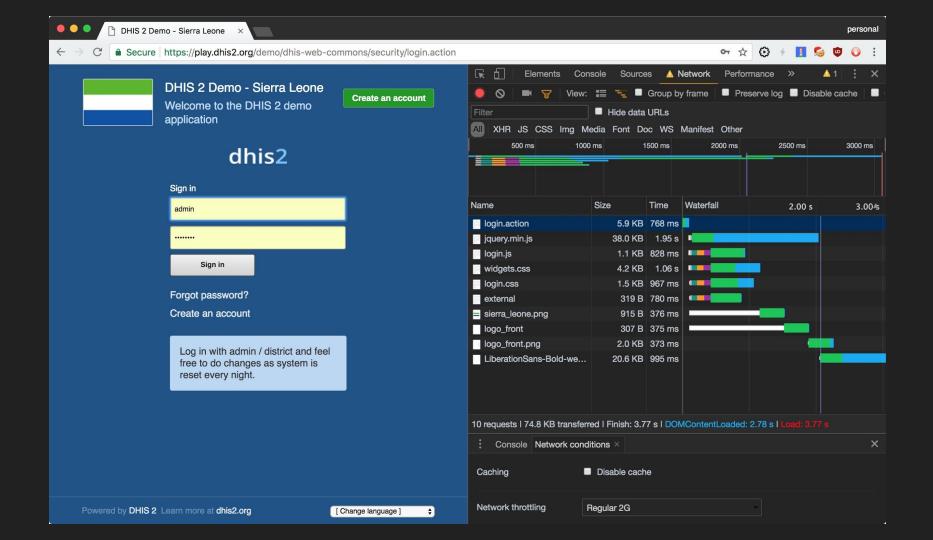
a program of CapacityPlus, a USAID-funded global project designed to strengthen human resources for health. The

CapacityPlus Project partnership is led by IntraHealth International.



Network throttling

Regular 2G



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Proposal language

Provide evidence that web applications have adopted best practices in website performance optimization over unreliable 2G mobile networks.

Lighthouse	Results for: https://play.dhis2.org/demo/dhis-web-dashboard-integration/index.html Dec 3, 2017, 6:21 PM EST • Runtime settings				
Version: 2.6.0	Diagnostics More information about the performance of your application.				
Progressive Web App 27	Has enormous network payloads: Total size was 4,589 KB	33			
Performance 3	Uses inefficient cache policy on static assets: 159 assets found	17			
Accessibility 63	Uses an excessive DOM size: 4,017 nodes	5			
Best Practices 56	Critical Request Chains: 78				
JUST FIACILLES JU	 JavaScript boot-up time is too high: 17,740 ms 	×			
	Main thread work breakdown: 22,470 ms				
	► 5 Passed Audits				
	Accessibility These checks highlight opportunities to <u>improve the accessibility of your app</u> .	63			
	Elements Use Attributes Correctly These are opportunities to improve the configuration of your HTML elements.				
	Image elements do not have [alt] attributes.	×			



Primer on Latency and Bandwidth, from 'High Performance Browser Networking' by Ilya Grigorik, read for free at: <u>https://hpbn.co/primer-on-latency-and-bandwidth/</u>

Using Google's Lighthouse to audit webpage performance in Chrome DevTools: <u>https://developers.google.com/web/tools/lighthouse/</u>

Network analysis and throttling using Chrome DevTools: <u>https://developers.google.com/web/tools/chrome-devtools/network-performance/</u>