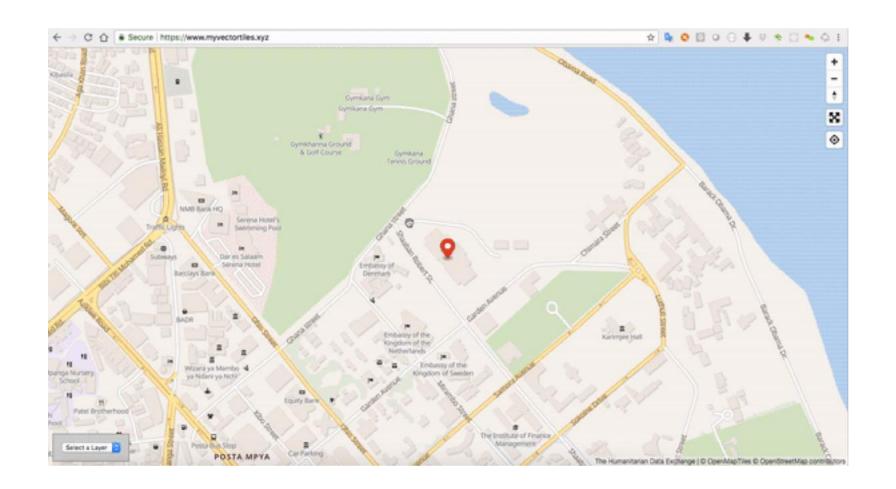
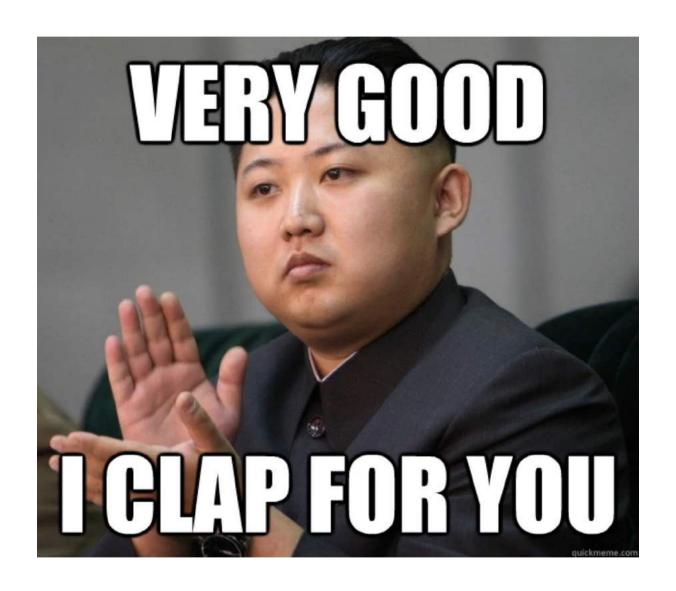
Serverless Vector Tiles on AWS

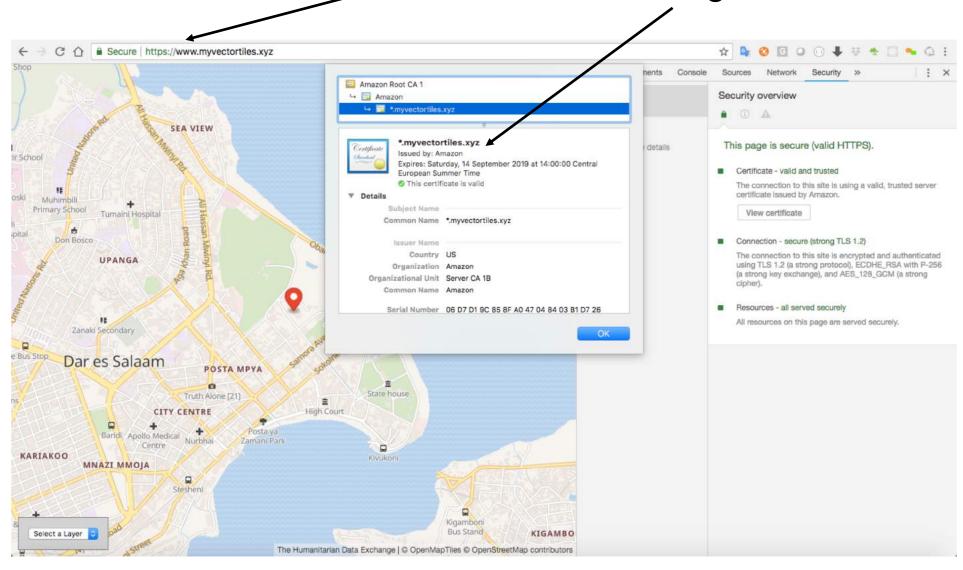
Mark Varley <mark@addresscloud.com>

Let's start with the end

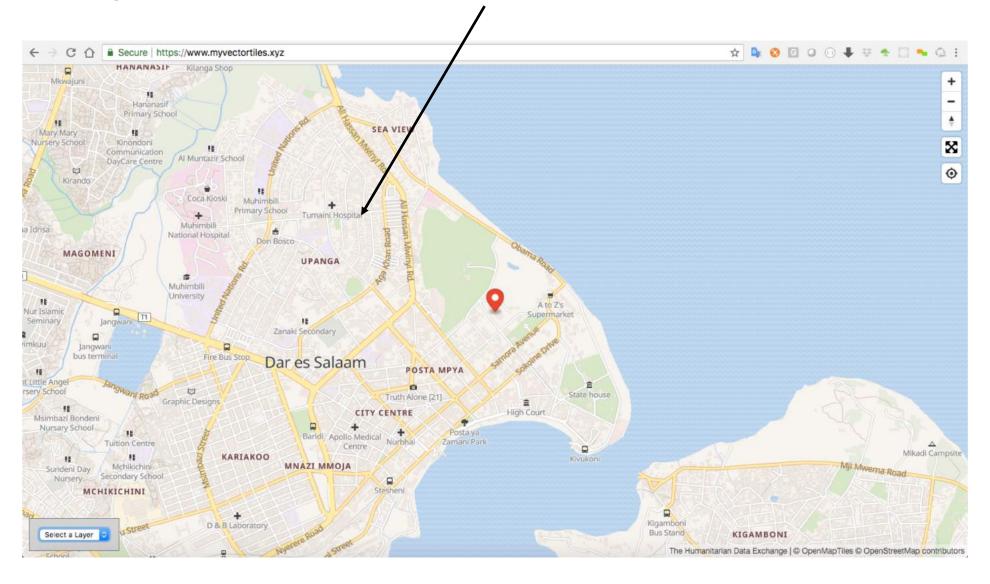


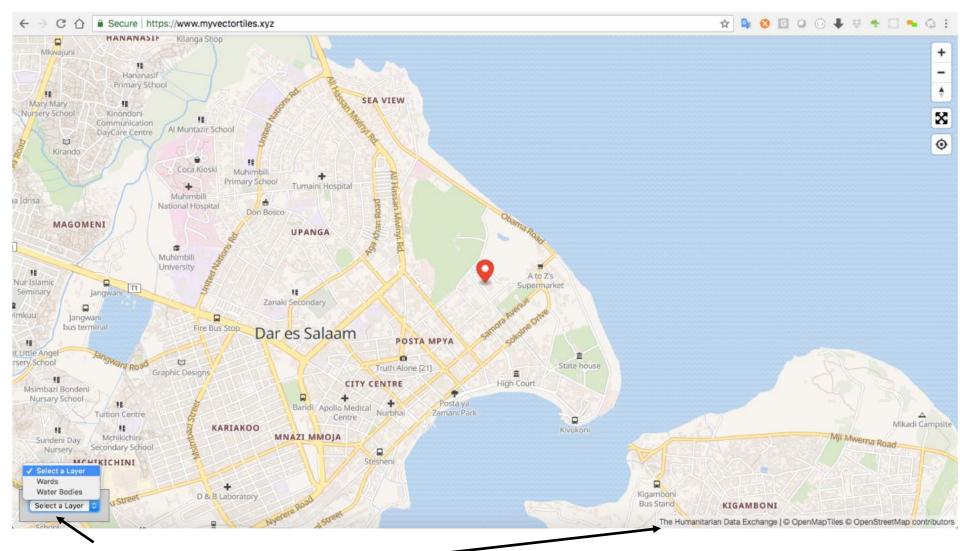


It's secure and running on our domain

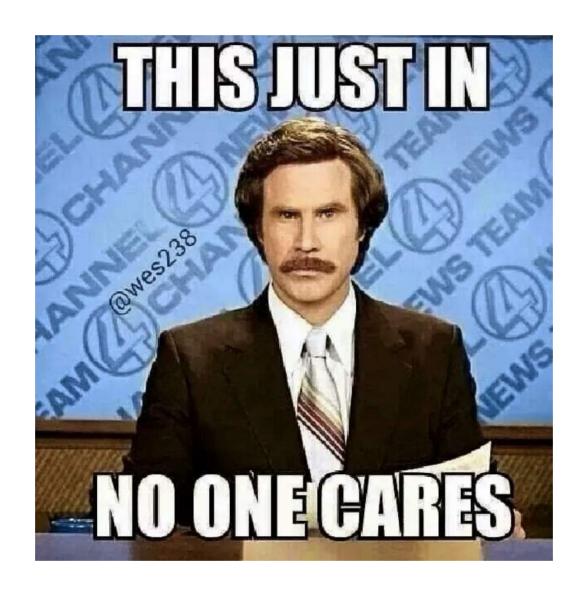


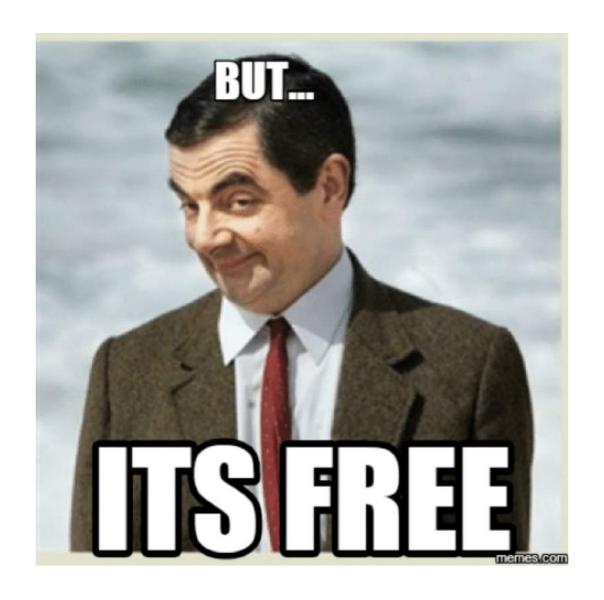
We are hosting our own OpenStreetMap <u>vector</u> tiles which we can style on the fly

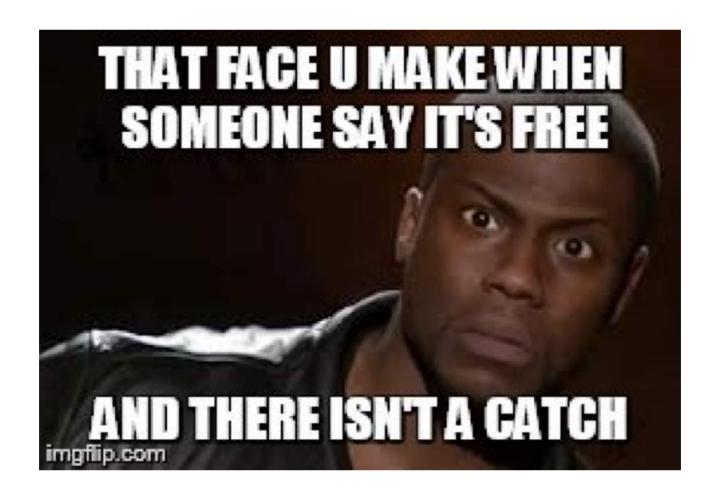




We are overlaying our own data









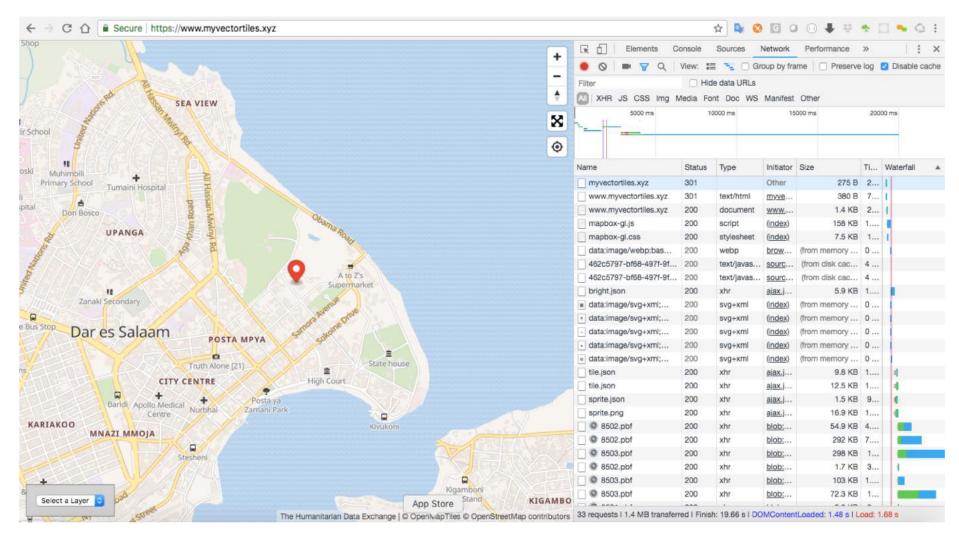




mazon CloudFront	\$0.18
Charges	\$0.17
VAT **	\$0.0
GST	\$0.00
Estimated US sales tax to be collected	\$0.00
СТ	\$0.0

What are our requirements?

https://www.myvectortiles.xyz/



1) We need to serve the map page and have it load quickly







2) We need to support HTTPS







3) We need to generate vector tiles and serve these quickly







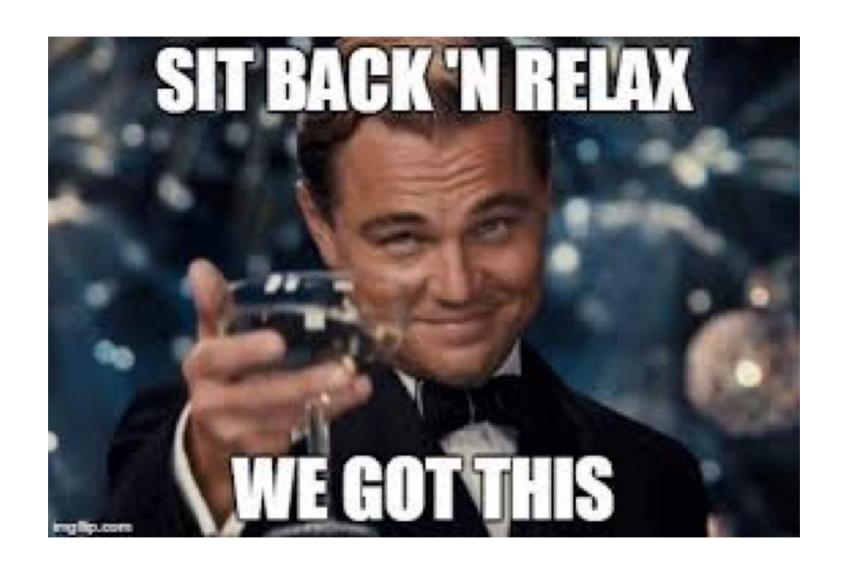


4) We need to support multiple subdomains to optimise performance

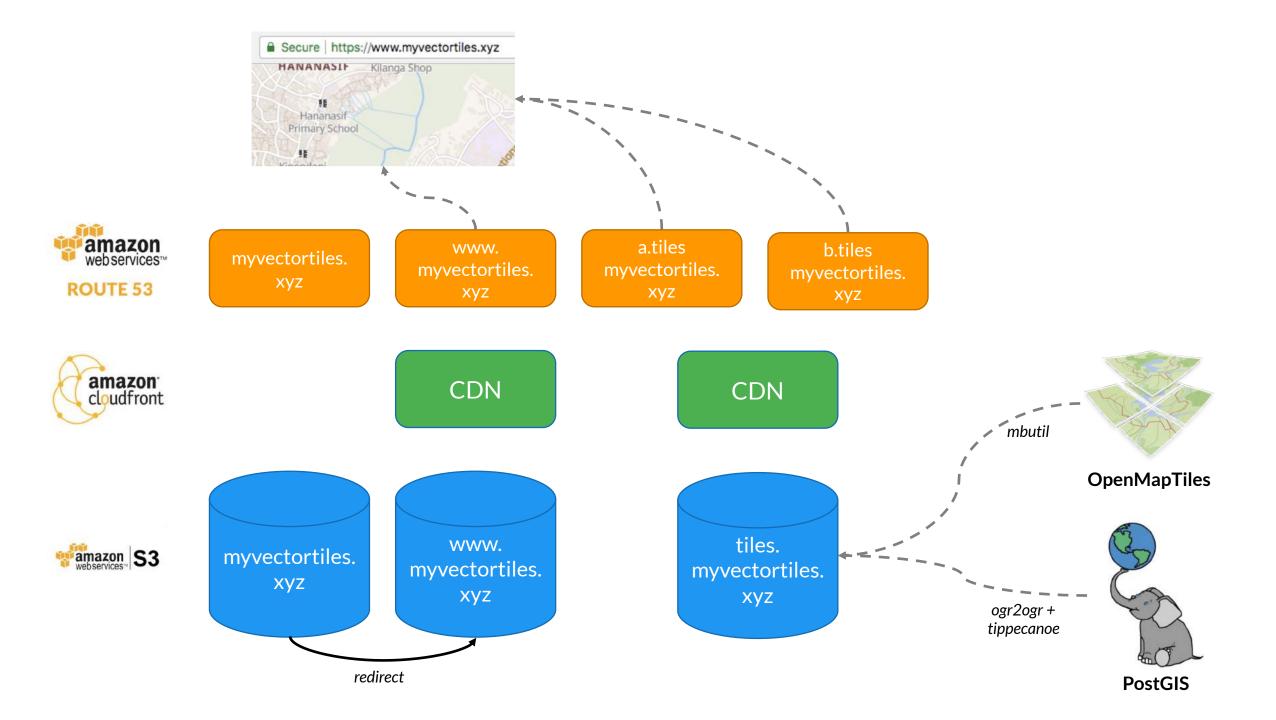


ROUTE 53

5) We need to to be able to scale from 1 to 1 million users instantly



Putting it all together





So I did it myself and wrote it all down

https://github.com/addresscloud/ serverless-tiles

Mark Varley

mark@addresscloud.com