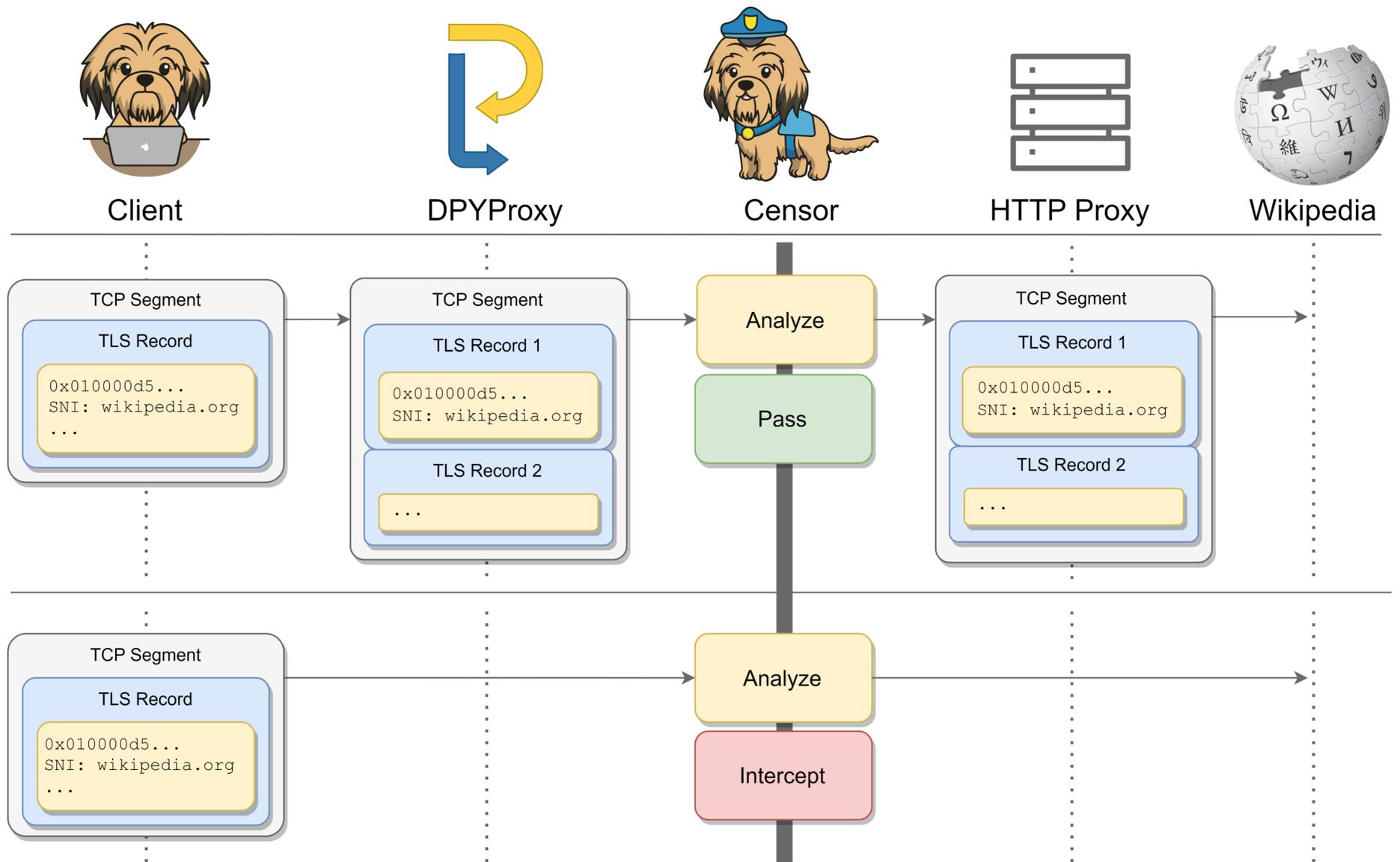


# China's TLS Censorship can be Circumvented on the TLS Layer

— Circumventing the GFW with TLS Record Fragmentation

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## What did we do?

- Circumvented TLS censorship in China
- Created **working tool**
- Works on **over 90%** of analyzed TLS servers

## Domain List

CitizenLab

Tranco Top 1M

Scanned Domains

1 135

830 357

Support TLS Record Fragmentation

1 092 (96.21%)

766 909 (92.36%)

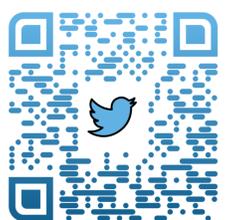
## Why is this important?

- China censors websites that use TLS
- Established techniques do not always work

## Contact us!



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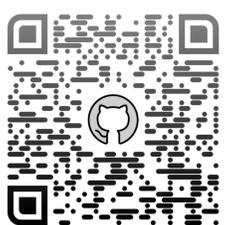
## How to proceed?

- Find more **TLS circumvention techniques**
- Does this work in **other countries?**

## More Details!



Blogpost



DPYProxy

