

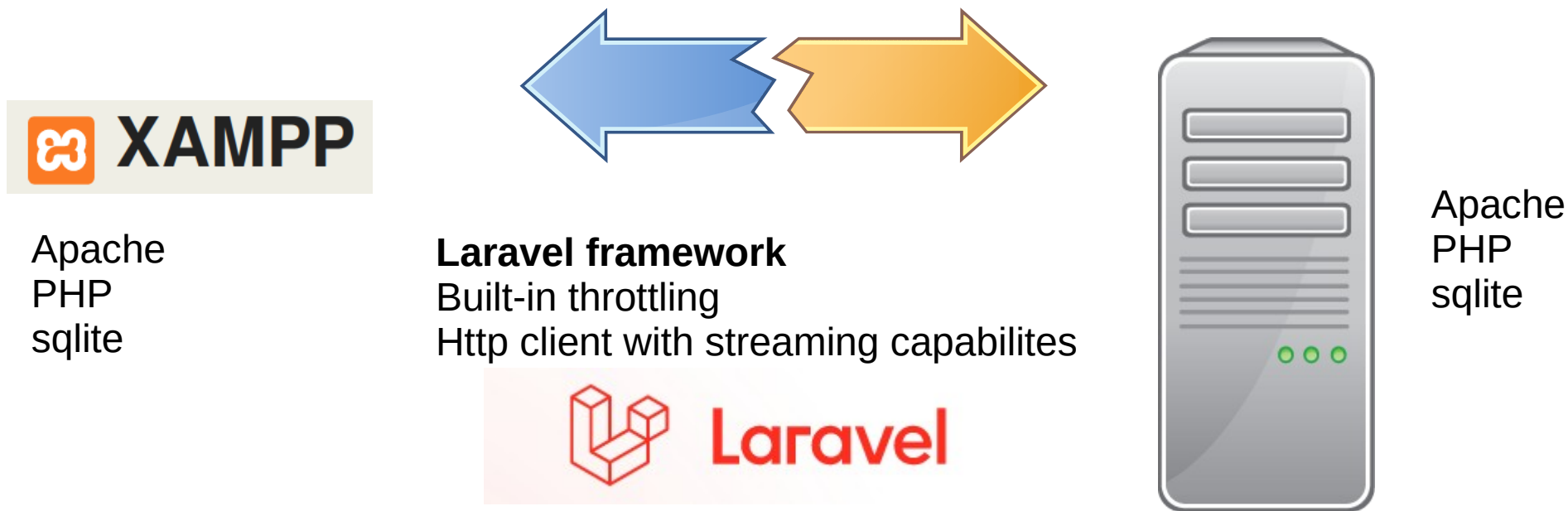
Codename

Serveronnet – do you have better names?

Client

Client can operate in 2 way

1. Laravel instance deployed on local Xampp instance
2. Running on user's hosting



Flat files retrieval scenario

1. Site visitor opens
page1.html
of site 1Abc

2. Client **A** - knows that
Site **1Abc** is hosted by Client **B**

3. Client **A** - requests
File content



Client A



Client B

4. Client **A** - validates file contents and returns to Visitor browser

Compared to Zeronet

- Servernet Sites are search engines indexable
- Proxy like access is on by default. Every client serves sites files as resources (client to client encrypted). Clients can serve files to browser either to all, none or locally authenticated user.
- Easy to publish new site. Put files in the development folder and publish. Easier (different) working with backend. Set of records retrieved.
- Moderation built-in

Compared to Zeronet 2

- Only regular HTTP(S) connections to web server are used – **potential** censorship resilience improvement
- No known vulnerabilities – Laravel industry standard
- Less reliance on platform when hosted PHP ≥ 7.3
- Not every visited page has to be hosted by visitor client

Concepts

- Peers are obtained from bootstrap peers file or torrent tracker
- Consensorship and Moderation - Client owner needs to be locally authenticated to ban sites and identities. Block lists.
- Client First Run generate local admin user to administer bans and connectibility properties
- When dedicated disk space still available Site can be promoted based on locally maintainted requests counter
- Not serving clients automatically redirect known Site hosting peers

Concepts 2

- Developed Sites are browsable through local web server
 - <http://serveronnet.local/serveronnet/public/sites/1tpi5Kso1he/index.html>
 - http://serveronnet.local/serveronnet/storage/app/developed_sites/My_Site/
- CSRF protection built in Laravel framework
- Throttling built in in in Laravel framework
- CORS possible as built-in functionality in Laravel

Identities

- Identity generated by vanity address generation that will be accurate for specific day only. Goal is that it will take 1 hour on an average PC.
- Easy (one click) user banning will make not worth spam identities.
- Identity registry will only store identities correctly generated.
- Identities are used to verify user generated records

User Data

- Users write data to sites and sign every record
- Result of queries for user data are consolidated from multiple clients and parameters revalidated, per each record authenticity validated on client. Bans applied before returning to browser.

Serveronet

Serveronet Client configuration page

Complete First
Run (Completed)

Once First Run is completed this configuration becomes read only. To be able to re-run First Run setup delete the *client_basic_settings.php* file. | Free: 14.37



Network settings

Serveronet Client will publish itself to other peers with this URL. Adjust to your situation.



http://serveronet.local/serveronet/public

Recheck

External connection to your client has failed. 🖱️ 😞

Sites

Ban

Host

[1tpi5Kso1he](#)

2022-07-18 12:43:29 | 1 | known

Ban

Host

[1q9DOjx0hQx](#)

2022-07-18 12:43:33 | 1 | known

Ban

Host

[1Q6PqSqi8Sb](#)

2022-07-18 12:43:36 | 1 | known

Peers

Ban

<http://serveronet.local/serveronet/public>

Ban

http://sparrow.local/serveronet_sparrow/public

Ban

http://seagull.local/serveronet_seagull/public

Ban

<http://999.999.999.999:8080/serveronet/public>

File Listings

2022-07-18 12:43:29 | 1tpi5Kso1he
2022-07-18 12:43:33 | 1q9DOjx0hQx
2022-07-18 12:43:36 | 1Q6PqSqi8Sb