Distributed web infrastructure
with LAMP stack.

Serveur DNS

INTERNET

LAN

IP 172.16.x.2 (private)

Browser

Request `www.foobar.com`

Request `to 8.8.8.0`

Router
IP 203.0.113.45
(public)

client
IP 172.16.x.1 (private)

IP 172.16.x.3(private)

Response 8.8.8.0

Server
IP 8.8.8.0
(public)

Server

SPOF

SPOF
load-balancer
(HAproxy)

SPOF

Linux

Example response : HTML

OR

Server Master
IP 8.8.8.8
(public)

Server

web
server
(Nginx)

**APP
SERVER**

SPOF

code
base

data
base
MySQL

Linux

SPOF

Server (Slave)
IP 8.8.8.7
(public)

Server

web
server
(Nginx)

**APP
SERVER**

code
base

data
base
MySQL

Linux

Synchronization DB