Analyze Akamai

What is Akamai and how it works?

By: Farhad Alimohammadi

What is Akamai?

In General, Akamai is a CDN, Cloud Service Provider
And Providing Web and Internet Security Services

So What is a CDN?

Akamai Features

01 Client Reputation

02 App & API Protector

03 Origin IP Access Control List

04 Automation Bot Protection

05 Enterprise Threat Protector

06 Low Response Time

Progress in different years

Block Attempted IPS

2015

User tracking with AI

2019

Avanced User tracking

2O21

IP Repution
User Behavior
Click Tracking
Keyboard Tracking

OS Info Tracking
Typing Speed
Mouse Click Speed

Deeper, Inside The Codes!

We checking their system with inspecting the network and we will get parameters that working with inside the codes.

How To Bypass Akamai

Akamai
Bypass

1) Using Random IPs For Requests

2) Using Selenium or Emulator Based Softwares

3) Using Random User-Agents

4) Using Delays (Random Delays), Random Clicks and Human Typing

5) Using Spoofer

آزمایشگاه پژوهشی
فضای سایبر

Private Browsers

As we said, for bypassing the Akamai we need to use Browser based programming and need some spoofer as well.

Some private browsers allows us to do all steps at same time and without any extra steps.
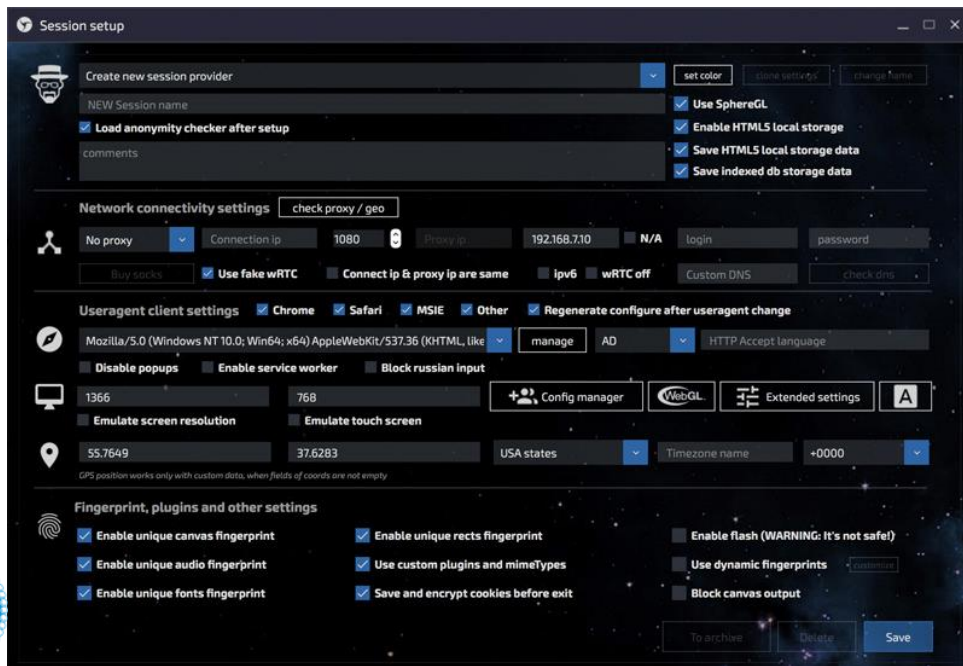
Linken Sphere

THANKS!

Do you have any questions?