

# Naxsi performance

Lutz Engels, Dennis Pellikaan  
University of Amsterdam

February 22, 2013

## 1 Introduction

In a time where huge botnets are utilized to attack services, it is ever more important to protect your infrastructure. When taking into account the fact that webservice gain more marketshare it is the webserver that need to be protected. One of those webserver is nginx. Compared to other webserver it is light-weight, which attracts more users in time where power consumption of infrastructure becomes important.

In 2011 development of Naxsi (*Nginx Anti Xss & Sql Injection*) started. As the (written out) abbreviation implies it protects nginx from Cross-site scripting (XSS) and Sql injection attacks. To do so it takes the whitelist approach, as to circumvent overly complex and regular expression based rulesets.

This project aims at generating valuable data by conducting performance testing of Naxsi in a number of scenarios.

## 2 Scope

## 3 Approach

## 4 Requirements

## 5 Planning

## References