

# Naxsi performance measurement

## Performance of a whitelist WAF

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# Outline

- 1 Naxsi
- 2 Research questions



# What is a WAF?

- Web Application Firewall
- 

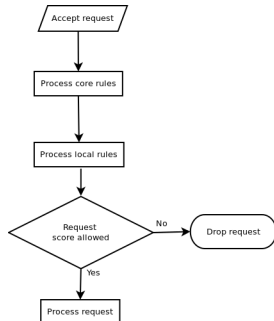


# What is a naxsi?

- It's a WAF for nginx
- Nginx Anti Xss & Sql Injection
- 



# Naxsi request flow

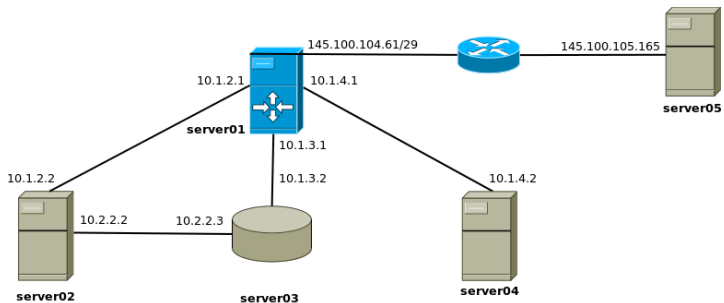


- Oui!
- Sis is mooi sjrafiek

# Whitelist processing



# Experimental setup



# Research Question(s)

"How does a webserver perform with the use of Naxsi as the front-end firewall compared to a webserver without a Naxsi firewall?"





# Research Question(s)

"What is the baseline performance of the Nginx firewall without the usage of Naxsi?"



# References

- **naxsi:**  
`https://code.google.com/p/naxsi/`
- **NaxsiBench:**  
`https://code.google.com/p/naxsi/wiki/NaxsiBench`

