WORKSHOP PT2: A SamuraiWTF intro to the Zed Attack Proxy

Moderated by Robert Richardson, Editorial Director

November 8, 2011

Presented by

WORKSHOP: A SamuraiWTF intro to the Zed Attack Proxy

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TO DOWNLOAD SAMURAI-WTF, GO TO

WWW.SAMURAI-WTF.ORG

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Web App Security Testing

Tools for automation & manual analysis

Mike Shema, Director of Engineering

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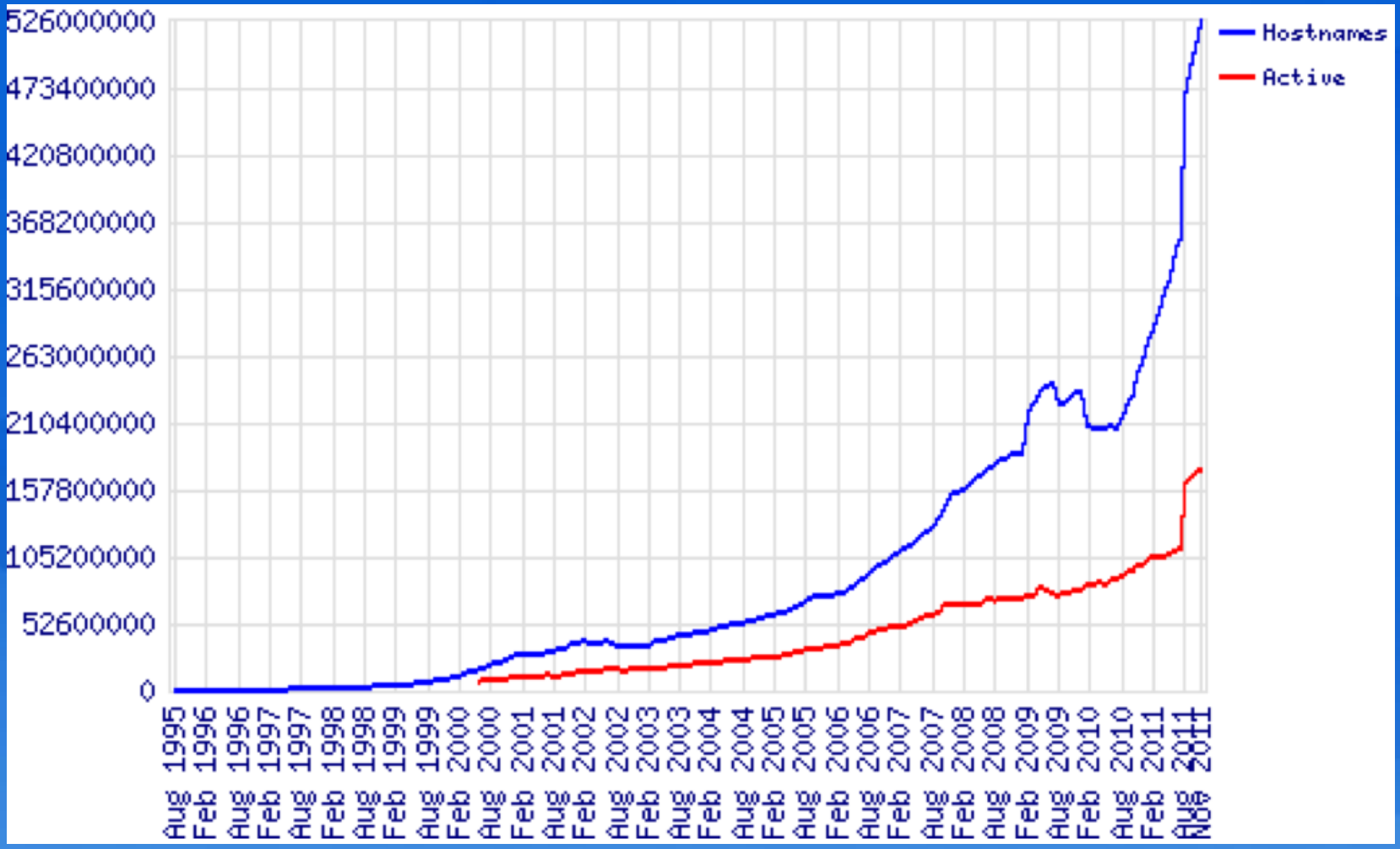
The Problem



http://news.netcraft.com/archives/2011/11/07/november-2011-web-server-survey.html

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Slow Evolution

- Design patterns have changed, but the technology hasn't (much)
  - HTML 4.01 finalized December 24, 1999
- Every web programming language supports prepared statements or parameterized queries
  - …and we still see SQL injection.
- Today's tools have decade-old ancestors in whisker, Nikto, SPIKE proxy, etc.

Complement Rather Than Compete

- Well-established vulnerability testing techniques
  - Clear methodologies are ideal for automation.
- Identifying weaknesses in design vs. weaknesses in implementation.
- Struggling to reach security at scale.

<!DOCTYPE html>

- Finally a new spec with new features – with new attack vectors.
- Security improvements via design
  - But we'll always have XSS.
- Techniques must adapt towards asynchronous DOM updates, JSON messages, complex JavaScript.

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Thank You

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Questions & Answers

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