



OWASP Netherlands Chapter Meeting, May 14th

Avans Hogeschool, Onderwijsboulevard 215, 5223 DE 's-Hertogenbosch

Registration via: <http://owaspdutchchaptermeeting14052013.eventbrite.nl/>

See OWASP Netherlands at: <https://www.owasp.org/index.php/Netherlands>

18:30 - 19:15: Registration & Pizza

19:15 – 20:00: “Securing Password Storage –

Increasing Resistance to Brute Force Attacks” – Tiago Teles

In this talk Tiago Teles takes apart password protection scheme analyzing the attack resistance of hashes, hmacs, adaptive hashes (such as script), and encryption schemes. First, we present a threat model for password storage. Then audience members will learn the construction, performance, and protective properties of these primitives. Discussion of the primitives will be from a critical perspective modeled as an iterative secure design session.

Ultimately, this session presents the solution and code donated as part of the on-going OWASP PSM (password storage module) project. Discussion of this solution will include key techniques for hardening PSM learned through years of delivering production JavaEE code to customers.

20:00 - 20:15: Break

20:15 - 21:00: “Neutralizing Peer-to-Peer Botnets” – Dennis Andriesse

This presentation is a case study on our takedown efforts against state-of-the-art peer-to-peer botnets. Unlike conventional botnets, peer-to-peer botnets are decentralized, and thus cannot be disabled by neutralizing centralized control facilities. Takedowns against peer-to-peer botnets require a highly decentralized approach targeting the infected drones themselves. We describe the technical and ethical challenges we faced in our own takedown attempts.

21:00 - 21:30 Networking

About the speakers:

Tiago Teles is a Technical Consultant with 7 years of experience in clients across different sectors and countries, including banking, insurance, telecommunications and commercial organizations in a variety of roles, Development, Business Intelligence, Quality Assurance and Delivering Training. For some of the talks already delivered please see:

<https://www.youtube.com/watch?v=CbeSXmAXBbU> for more information please visit:

<http://nl.linkedin.com/in/tiagoteles>

Dennis Andriesse is a Ph.D. candidate in the System and Network Security Group at VU University Amsterdam. His research focuses on binary code (de)obfuscation and reverse engineering techniques. Next to that, he is also interested in advanced malware, particularly in the resilience of peer-to-peer botnets

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