



OWASP

The Open Web Application Security Project

March 11th 2010: Database Security

18:00 - 18:30 Check-In (catering included)

18:30 - 18:45 Introduction (OWASP organization, projects, sponsor)

18.45 - 19.45 Oracle Database Security (by Alexander Kornbrust)

Alexander Kornbrust is the founder of Red-Database-Security a company specialized in Oracle security. He provides Oracle security audits, security training and consulting to customers worldwide.

In the last 6 years Alexander has reported more than 400 security bugs to Oracle and gave various presentations on security conferences like Black Hat, Defcon, Bluehat, HITB.

Oracle Database Security: The presentation will show the most common security problems found in Oracle based web application: Common hacker techniques, Tools for detecting SQL Injection, Using database trigger to detect SQL Injection attacks, Security Problems in Oracle APEX, How to fix the problems.

19.45 - 20.00 Break

20. 00 - 20.30 VAC Insecure Direct Object Reference

Marinus Kuijvenhoven is a Senior Technology Specialist with Sogeti Nederland B.V. specializing in SOA and secure appl development. His experience include developing and administrating Oracle-based systems.

Vulnerability: Insecure Direct Object Reference is when a web application exposes an internal implementation object to the user. Examples of internal implementation objects are database records, URLs, or files.

Attack: An attacker can modify the internal implementation object in an attempt to abuse the access controls on this object. When the attacker does this they may have the ability to access functionality that the developer didn't intend to expose access to.

Countermeasure: Reference should be validated for authorization and accessed through reference maps.

20.30 - 21.15 SQL Injection - How far does the rabbit hole go?

Justin Clarke is a co-founder and Director at Gotham Digital Science. He has over twelve years of experience in assessing the security of networks, web applications, and wireless networks.

Justin is involved with "SQL Injection Attacks and Defense", "Network Security Tools: Writing, Hacking, and Modifying Security Tools", "Network Security Assessment: Know Your Network, 2nd Edition", "the open source SQLBrute blind SQL injection testing tool" as well as a speaker at Black Hat USA, EuSecWest, OSCON, ISACA, RSA, SANS, OWASP and is the Chapter Leader of OWASP London.

SQL Injection - How far does the rabbit hole go? SQL Injection has been around for over 10 years, and yet it is still to this day not truly understood. With the recent mass attacks against sites it has again come to the fore of vulnerabilities under the spotlight.

This talk starts from what was demonstrated last year at Black Hat, where a self propagating SQL Injection worm was demonstrated live on stage. Explore some of the deeper, darker areas of SQL Injection, hybrid attacks, and exploiting obscure database functionality

21.15 - 21:30 Discussion, questions and social networking

Location:

ASR Nederland - Auditorium
Smallepad 30
3811MG Amersfoort



If you want to attend, please send an email to netherlands@owasp.org