



saltbushtraining



WEB APPLICATION SECURITY

Major Web Attacks & How to Defeat Them

1-5 August 2011

CANBERRA



saltbushgroup

PO Box 208, Erindale Centre ACT 2903 | Phone: (02) 6227 5870 | Fax: (02) 6227 5742

E-mail: training@saltbushgroup.com | Web: www.saltbushgroup.com

Brief:

Saltbush Training has partnered with Kenneth van Wyk (see below) to develop a 5-day Web application security course aimed at addressing security issues associated with deploying Web Applications in today's complex networked environment.

Students will receive a deep and thorough understanding of the most prevalent and dangerous security defects in today's applications. Additionally, they will learn practical and actionable guidelines on how to remediate against these common defects and how to test for them in their own applications.

Who Should Attend:

The course is aimed at staff responsible for design, development and deployment of external facing systems, applications and code, including:

- Designers of Internet systems and those responsible for deployment of Internet connected infrastructure.
- Developers responsible for the production of code.
- IT security practitioners and reviewers responsible for assessing the security of deployed systems.
- Fraud and investigations staff seeking an understanding of common attack vectors.

Testimonial:

"Ken van Wyk runs an up-to-date comprehensive course that I would highly recommend it to anyone in this area.

He presents with years of experience and stories, in a friendly, down-to-earth fashion, adjusting his presentation style to the audience. In the course, he presents a balanced approach and explains the cost-benefits of mitigation controls. He never gets carried away and reminds us of the real goal, which is to serve business. He doesn't try to push any particular vender, technology or system. Nor does he try to sell you any of his books but he will be glad to sign them if you do.

I learnt a lot and really enjoyed the course. Thanks Ken!"

(Barnes, DEEWR, 10/2009)



Instructor

Kenneth van Wyk (CSIH)

Internationally recognised information security expert. Author of *'Incident Response'* and *'Secure Coding'*, both published by O'Reilly.

Ken has 20+ years experience as an IT Security practitioner in the academic, military, and commercial sectors, and has extensive experience presenting and mentoring on IT security topics in such forums as CSI, ISF, USENIX, FIRST and AusCERT.

Saltbush Training is proud to have the opportunity to leverage Kenneth's experience for our clients.

Course Overview:

Course content begins with a description of the security problems faced by today's software developer, and a detailed description of the Open Web Application Security Project's (OWASP) 'Top 10' security defects, and then progresses to software architecture and design issues, strategies and remediation.

The course offers a mix of theory and real-world practical advice aimed at graphically illustrating vulnerabilities and associated risks to deployed systems. The course features extensive hands-on exercises in which each student learns how to actually exploit defects to "break into" a real web application. Remediation techniques are studied for each defect, and practical guidelines on how to integrate secure practices into the software development process are discussed.

Course participants will have the opportunity to win both an autographed copy of one of Ken's books and an iPod from Apple!

To ensure participants are able to gain the maximum benefit from Ken's experience, attendees should be technically literate with some coding experience and knowledge of IT security, and have some familiarity with OWASP Web Scarab and Web Goat tools.

Saltbush Training is able to provide complimentary OWASP primer material prior to the course for those unfamiliar with these tools.

The course is to be held at Cliftons, Moore St, Canberra City. Additional registration detail is available from the Saltbush website: <http://www.saltbushgroup.com/training.htm>.

web application security
course timetable



1st August
Day 01

- Introduction
- Problem Space Definition
- Exploiting Software
- Attack Patterns
- Introduction to OWASP and the OWASP Top 10

2nd August
Day 02

- OWASP Top 10 Analysis and Exercises
- Security Development Practices (SDLC / CLASP / Touchpoints)
- Abuse Case in Practice Exercises

3rd August
Day 03

- Software Architecture Secure Design
- Processes in Depth – Software Design Review
- Introduction to Static Code Analysis

4th August
Day 04

- Static Code Analysis and Exercises
- Seven Pernicious Kingdoms
- Fortify Source Code Analyser

5th August
Day 05

- Security Testing Concepts – Black Box vs. White Box
- Penetration Testing
- Fuzzing
- A Day in the Life of a Servlet

Saltbush Training Course Application Form

Fax completed form to: (02) 6227 5742

Applicant Details *(Please Print)*

Applicant Name(s):.....
 POC Email..... POC Phone (B):Phone (M):

Business/Employer Details *(Please Print)*

ABN.....

Business/Employer Name:
 Address:
Street (PO Box Optional) Town/Suburb State Postcode
 Phone:
 Email: *(optional)*..... Website URL:*(optional)*.....

Please Select Course

- | | |
|----------------------------------------------------------------------------|-----------------------------|
| <input type="checkbox"/> Web Application Security - CBR, 1-5 August 2011 | Cost - \$3,850.00 (inc GST) |
| <input type="checkbox"/> iOS Application Security - MEL, 10-11 August 2011 | Cost - \$1,650.00 (inc GST) |
| <input type="checkbox"/> Securing the iPad - CBR, 8 August 2011 | Cost - \$990.00 (inc GST) |

Payment Details *(Please Print)*

Please indicate your nominated method of payment (*Cheques should be made payable to Saltbush Training Pty Ltd*):
 Please invoice to the above address.

Name of invoice recipient: Purchase Order No (if applicable):

- Cheque/money order mail to Saltbush Training, PO Box 208, Erindale Centre, ACT 2903
- Electronic Funds Transfer : Saltbush Training Pty Ltd – Westpac Bank BSB 032727 A/c number: 167588
- Credit Card (*please circle*): Visa / Mastercard / Diners / Amex (add 4% for Diners/Amex transactions)

Card Number Exp' Date: Amount \$.....

Card Holder Name Signature

Please send me information for the following course

- | | |
|-------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> ISM Fundamentals (2 days) | <input type="checkbox"/> ISM Version Update Seminar (1 day) |
| <input type="checkbox"/> Protective Security Fundamentals (1 day) | <input type="checkbox"/> Security Incident Management (2 day) |
| <input type="checkbox"/> I-RAP Training (2 days) | <input type="checkbox"/> Security Risk Management (5 day) |
| <input type="checkbox"/> iPad Security Course (1 day) | <input type="checkbox"/> iOS Application Security Course (2 day) |
| <input type="checkbox"/> Certificate IV ICT Security Management | <input type="checkbox"/> Security Awareness Training |

Declaration

I agree that all of the statements contained in this application and the attached documentation are, to the best of my knowledge, true and correct.

Applicant Signature: Date: