Security Training For Developers

www.zdlgroup.com

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ZDL's Security Training for Developers has one clear objective: to educate software engineers to develop code with security at its heart. By educating developers in IT security best practice, you will reduce the accidental introduction of vulnerabilities, the risk of loss of data, operational downtime, loss of revenue, and reputational damage.

On average, developers taking ZDL's Security Training for Developers increased their knowledge of the OWASP Top Ten by 30% within one month, making your business' code more secure and less susceptible to cyber attack.

"Increase your developers' knowledge of secure coding by 30% in one month"

Become More Efficient and Bring Down Your Overall Costs By:

- Changing the way developers think and increasing their ability to identify other less obvious risks
- Following industry best practice so that code has fewer bugs overall
- Reducing the need for corrective coding further down the line
- Conducting fewer penetration tests and re-tests as fewer vulnerabilities are found
- Reducing the number of incidents

As a result, you will benefit from a faster development cycle and save money.

A Three Level Approach

ZDL's Security Training for Developers is based on the OWASP Top 10, the most respected and recognised global indicator of critical web application security risks. Our training is a comprehensive and unique programme consisting of three levels:

Online Assessment → Computer-Based Training → Secure Coding School

This combined approach assesses, educates and re-tests your developers' cyber security knowledge. As a result, you will be able to identify areas of strength, areas for improvement and allocate developer resource accordingly. Developers will be able to develop code with fewer vulnerabilities and expand their knowledge of current threats.

Online Assessment

The Online Assessment is delivered securely from ZDL's fully managed service, in a quick and easy manner. Our Online Assessment will identify competency levels across all OWASP Top 10 Modules prior to Computer-Based Training, so that our clients benefit from understanding their developers' baseline knowledge, competencies, and can be measured against their peer group.

Online Assessments can then be used after Computer-Based Training and/or after Secure Coding Schools to reinforce training, measure and report on improvements made in developer knowledge, and to identify further areas for training. Once your developers have finished the short but comprehensive Online Assessment, ZDL provide you with excellent statistics and Management reporting to enable you to make further Education & Training decisions.

Computer-Based Training

Following on from the completion of the Online Assessment, ZDL's Computer-Based Training is ready to be implemented at any time, providing you with an easily accessible way to train and test teams, particularly across multiple business areas and multiple locations. Our interactive online portal is intuitive to use, and our engagement plan ensures maximum completion rates.

We deliver comprehensive reporting that measures developers' knowledge of security risk overall and across each of the OWASP Top-10 security risks, meaning that you can measure overall competency, as well as competency levels for each security risk. This reporting gives you the ability to report both on a team and individual level. We also measure your results against the average, so that you are able to benchmark your business against industry.

Secure Coding School

Face-to-face classroom training can be invaluable. Our expert trainers draw on a wealth of experience gained from security projects delivered for our clients every day. The result is intensive, face-to-face training with specialist content designed to address the issues your organisation faces.

This two-day course includes hands-on workshop sessions tailored to your business and a comprehensive set of resources to take away.

Key modules include:

- About penetration testing
- Web application hacking
- Web application hacking tools
- Open Web Application Security Project (OWASP)
- Analysing the OWASP Top 10 with code examples, solutions & demonstrations
- Understanding security threats
- Applying security to the web
- Defining a secure architecture
- Choosing frameworks & libraries
- Security testing & toolsets
- Hacking the OWASP Top 10
- Secure deployment

Other Training Services:

Security Awareness Training

We believe that regular onsite staff awareness training, and bespoke executive training, is the only way to truly drive behavioural and cultural change in your business. Our Security Awareness Training will embed a security culture in your business, reduce human error and increase your resilience to cyber attack.

Security Training for Developers: Mobile Apps

Mobile applications have become the norm. This classroom training ensures that your mobile apps are being developed with secure code and OWASP best practice at their heart. Increasingly a must for any business with a presence on mobile, this training reduces vulnerabilities and your development costs at the same time.

Security Risk Training for Agile Developers

Designed to meet demand, as Agile development continues to dominate project management. This classroom training educates project teams and business managers how to use methodologies that allow for secure development. A new appreciation for security means that project teams better plan for secure code as part of product development and project delivery.

Incident Response & Runbook Training

This training is essential to help you minimise the impact of a cyber attack on your business. We help to create and/or review your incident response plan, giving you peace of mind that you can react quickly to minimise the impact and significantly reduce the cost of a cyberattack. We will then stress test your plan through scenario training that will simulate a real-life attack on your business.

> “MAP asked ZDL to conduct a number of Security Awareness Training sessions for all employees, including senior management. The sessions proved enjoyable, informative and their interactive nature kept all participants engaged. It was clear during the sessions and from subsequent discussion that awareness of today’s security threats had been heightened and behaviour improved when browsing and receiving email, recognising the likes of phishing attacks, both in and out of the workplace. The training was straightforward to arrange, cost effective and has added real value to how we mitigate against the ever growing risk and impact of cyber attacks. ZDL remain our Security Partner of choice”

Systems Manager, MAP Underwriting

Delivering Excellence in Cyber Security

Your trusted Education & Training Provider

ZeroDayLab continues to innovate and deliver new and exciting training that is driven by our clients' needs. Our award winning Education & Training portfolio is diverse and unique in the marketplace, providing our clients with training that drives behavioural change and reduces risk, human error, and impact in the event of a cyber attack. We are proud to educate some of the largest education companies in the world.

Computing Security Awards

WINNER

Education & Training Provider Of The Year

Our Services

Ethical Hacking

- Broad Security Review
- Red Teaming
- Security Audits
- Penetration Testing
- Cloud Security & Security Ops Testing
- Source Code Review/Coding Standards
- Social Engineering
- Physical Security

Training

- Security Awareness Programmes
- Secure Coding School
- Bespoke Senior Exec Security Training
- Runbook training/ Scenario Workshops
- Phishing & Resilience Programmes
- Physical Security Awareness
- Security Training for Developers

Managed Services

- Supplier Evaluation Risk Management (VenDoor)
- Incident Response Preparedness
- Security Training for Developers
- Managed Detection and Response (MDR)
- Virtual Information Security Manager
- OSINT/ Threat Intelligence

Compliance

- Policy Review & Creation
- 360° Assessment
- PCI Remediation Support
- ISO/ NIST/EU GDPR Standards Agreement
- Business Continuity Management
- IR Management Review
- ISO Readiness Programmes
- Office365 Configuration Review

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