

Session #T3

Presenter:	Armando Bioc
Presentation Title:	Hacking 101: Understanding the Top Web Application Vulnerabilities and How to Protect Against the Next Level of Attack.
Abstract:	
<p>The shift in focus from network-based vulnerabilities to application-based vulnerabilities has left many government organizations exposed and with the increasing threats of cyber attacks, application security has become an essential element in the application development lifecycle. Analysts have estimated that 75 percent of online attacks target web applications yet many organizations are doing very little to protect these vulnerable web applications.</p> <p>The OWASP Top Ten was created to help organizations and government agencies focus on the most serious web application security vulnerabilities. Adopting a security testing process to monitor for, identify and remediate these "Top Ten" flaws is perhaps the most effective first step towards ensuring the security of your web applications. Watchfire will provide an informative discussion and demo of the OWASP Top 10 web application attacks. This session will also provide a comprehensive overview of web application security and will highlight examples of common Web application vulnerabilities (including Cross-site Scripting, SQL Injection) and demonstrate how to defend against attacks at the Web application layer.</p> <p>This session will also discuss key principles for building security into your SDLC, techniques and best practices to proactively manage web application security and how to effectively build application security testing into the software development lifecycle (SDLC) including understanding regulatory compliance, as well as ways to safeguard the privacy and confidentiality of highly sensitive online information.</p>	
Target Audience:	
<p>Hacking 101: Skill level beginner to intermediate Occupation: IT Auditors and IT Security Professionals</p>	
COBIT Objectives:	
<ol style="list-style-type: none"> 1. Watchfire will provide an informative discussion and demo of the OWASP Top 10 web application attacks. 2. Best practices for security testing and how to effectively manage application security throughout software development lifecycle. 3. How to better understand potential web application security vulnerabilities 4. The importance of detecting and removing software vulnerabilities during application development 	
Speaker Bio:	
<p>Armando Bioc is a Security Consultant with Watchfire. Mr. Bioc provides presales technical support for AppScan sales, training for AppScan customers, security consulting within the web application software development lifecycle and web application vulnerability assessments. Mr. Bioc has been with Watchfire since 2000.</p>	