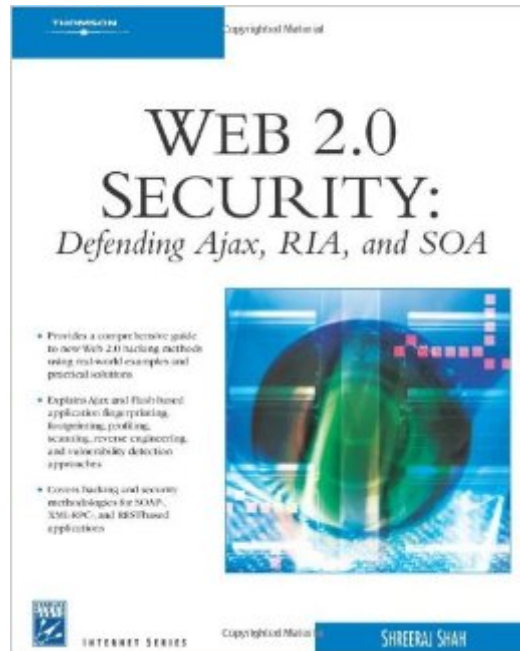


The book was found

Web 2.0 Security - Defending AJAX, RIA, AND SOA



Synopsis

Service-Oriented Architecture (SOA), Rich Internet Applications (RIA), and Asynchronous Java and eXtended Markup Language (Ajax) comprise the backbone behind now-widespread Web 2.0 applications, such as MySpace, Google Maps, Flickr, and Live.com. Although these robust tools make next-generation Web applications possible, they also add new security concerns to the field of Web application security. Yamanner-, Sammy-, and Spaceflash-type worms are exploiting client-side Ajax frameworks, providing new avenues of attack, and compromising confidential information. Portals such as Google, Netflix, Yahoo, and MySpace have witnessed new vulnerabilities recently, and these vulnerabilities can be leveraged by attackers to perform phishing, cross-site scripting (XSS), and cross-site request forgery (CSRF) exploitation. *Web 2.0 Security: Defending Ajax, RIA, and SOA* covers the new field of Web 2.0 security. Written for security professionals and developers, the book explores Web 2.0 hacking methods and helps enhance next-generation security controls for better application security. Readers will gain knowledge in advanced footprinting and discovery techniques; Web 2.0 scanning and vulnerability detection methods; Ajax and Flash hacking methods; SOAP, REST, and XML-RPC hacking; RSS/Atom feed attacks; fuzzing and code review methodologies and tools; and tool building with Python, Ruby, and .NET. Whether you're a computer security professional, a developer, or an administrator, *Web 2.0 Security: Defending Ajax, RIA, and SOA* is the only book you will need to prevent new Web 2.0 security threats from harming your network and compromising your data.

Book Information

Paperback: 384 pages

Publisher: Charles River Media; 1 edition (December 4, 2007)

Language: English

ISBN-10: 1584505508

ISBN-13: 978-1584505501

Product Dimensions: 9.2 x 7.4 x 1 inches

Shipping Weight: 1.7 pounds

Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (2 customer reviews)

Best Sellers Rank: #2,633,235 in Books (See Top 100 in Books) #90 in [Books > Computers & Technology > Programming > Languages & Tools > Ajax](#) #263 in [Books > Computers & Technology > Computer Science > AI & Machine Learning > Neural Networks](#) #616 in [Books > Computers & Technology > Certification > CompTIA](#)

Customer Reviews

SECTION 1 - WEB2.0 INTRODUCTION AND SECURITY Chapter 1 Web 2.0 Apps - Introduction and Components Chapter objectives Web 2.0 introduction and security concerns Web 2.0 application evolution and architecture - SOA, Ajax & RIA Web 2.0 application information flow Web 2.0 application - components, technologies & security Conclusion References and readings Chapter 2 Web 2.0 - Languages and Protocols Chapter objectives Web 2.0 application layers Application server side languages Application client side languages Transport protocols Information and data structures Web 2.0 toolkits and frameworks Conclusion References and readings Chapter 3 Security issues around Web 2.0 Chapter objectives Web 2.0 attack points Web 2.0 threats and its impacts Web 2.0 Vulnerabilities and threat modeling Web 2.0 analysis frameworks Web 2.0 security controls Conclusion References and readings Case Study 1 - BlueFlakes : Community portal Leveraging Web 2.0 and security SECTION 2 - WEB2.0 APPLICATION PROFILING & VULNERABILITY MAPPING Chapter 4 Footprinting & Discovering Web 2.0 resources Chapter objectives Target (host) identification Methods of application footprinting XML services footprinting Conclusion References and readings Chapter 5 Scanning and Vulnerability mapping for Web 2.0 apps Chapter objectives Crawling web application Browsing the application and collecting information - Ajax calls Identifying potential targets Data exchange analysis and stream identification Mapping resource for potential vulnerabilities Conclusion References and readings Case Study 2 - BlueBank : Profiling Banking application - SECTION 3 - WEB2.0 ATTACK VECTORS AND COUNTERMEASURE Chapter 6 Ajax security Chapter objectives Ajax security issues Ajax streams and information exchange Ajax and DOM manipulation Client side security vulnerabilities - XSS & XSRF with case Ajax end points - server side issues Countermeasure for Ajax security Conclusion References and readings Chapter 7 Rich internet application security Chapter objectives RIA security issues Flash based application and decoding Reverse engineering the flash Cross domain issues Countermeasure for RIA security Conclusion References and readings Chapter 8 SOA security - XML-RPC, REST & SOAP Chapter objectives SOA security issues Entry points analysis for XML services XML-RPC attacks REST application attacks SOAP based applications and security holes Ajax interaction with XML services and security flaws Countermeasures for XML services Conclusion References and readings Chapter 9 Browser security & Web 2.0 Exploits Chapter objectives Browser security overview Cross domain issues Client side exploitation and engines Defending and countermeasures Conclusion References and readings SECTION 4 - WEB 2.0 APPLICATION TESTING AND HARDENING Chapter 10 Web 2.0 application fuzzing and vulnerability mapping Chapter objectives Web 2.0 application fuzzing Building a tool to fuzz Fuzzing

web services Fuzzing client side with streams Vulnerability detection with fuzzing Conclusion
References and readings Chapter 11 Secure coding for Web 2.0 applications Chapter objectives
Whitebox approach with code review Building a code review tool Secure coding with Web 2.0
Hardening Web 2.0 holes with code Conclusion References and readings Chapter 12 Hardening
Web 2.0 application with configurations and content filtering Chapter objectives Deployment and
configuration testing Hardening configuration Scanning tool for configuration Content filtering
concept Filtering with Apache Filtering with IIS Browser filtering with javascripts Conclusion
References and readings SECTION 5 - APPENDIX

Shreeraj Shah, B.E., MSCS, MBA, is a co-founder of Blueinfy and SecurityExposure, companies that provide application security and On Demand Scanning services. Prior to founding Blueinfy, he was founder and board member at Net Square. He also worked with Foundstone (McAfee), Chase Manhattan Bank, and IBM in information security. Shreeraj has played an instrumental role in product development, researching new methodologies, and training designs. He has performed several security consulting assignments in the area of penetration testing, code reviews, web application assessments, security architecture reviews, and managing projects (Products/Services). He is the author of Web 2.0 Security (Cengage Learning, 2007), Hacking Web Services (Thomson Learning, 2006), and Web Hacking: Attacks and Defense (Addison-Wesley, 2002). In addition, he has published several advisories, tools, and whitepapers, and has presented at numerous conferences including RSA, AusCERT, InfosecWorld (Misti), HackInTheBox, Blackhat, OSCON, Bellua, Syscan, ISACA, and OWASP. His articles are regularly published on Securityfocus, InformIT, DevX, O'reilly, and HNS. His work has been quoted on BBC, Dark Reading, and Bank Technology as an expert.

[Download to continue reading...](#)

Web 2.0 Security - Defending AJAX, RIA, AND SOA Programming ASP.NET AJAX: Build rich, Web 2.0-style UI with ASP.NET AJAX Home Security: Top 10 Home Security Strategies to Protect Your House and Family Against Criminals and Break-ins (home security monitor, home security system diy, secure home network) Gallos de combate: Nacidos para luchar: GenÁ©tica, mejora y nutriciÃ n de gallos de riÃ a (Spanish Edition) Defending the Homeland: Domestic Intelligence, Law Enforcement, and Security (Contemporary Issues in Crime and Justice Series) DNS Security: Defending the Domain Name System DEFENDING TIERNY (Gray Wolf Security, Texas Book 1) Social Security: Time for a Life of Leisure - The Guide of Secrets to Maximising Social Security Retirement Benefits and Planning Your Retirement (social ... disability, social security made simple)

Pro ASP.NET Web API Security: Securing ASP.NET Web API (Expert's Voice in .NET) Python:
Learn Web Scraping with Python In A DAY! - The Ultimate Crash Course to Learning the Basics of
Web Scraping with Python In No Time (Web Scraping ... Python Books, Python for Beginners) Web
Development With Javascript And Ajax Illuminated (Jones and Bartlett Illuminated (Paperback))
AJAX, Rich Internet Applications, and Web Development for Programmers AJAX, Rich Internet
Applications, and Web Development for Programmers (Deitel Developer Series) Web 2.0
Fundamentals: With AJAX, Development Tools, And Mobile Platforms Microsoft ASP.NET and
AJAX: Architecting Web Applications (Developer Reference) Beginning Web Development,
Silverlight, and ASP.NET AJAX: From Novice to Professional (Expert's Voice in .NET) AJAX and
PHP: Building Modern Web Applications 2nd Edition JavaScript and Ajax for the Web: Visual
QuickStart Guide (7th Edition) Ajax Security Ajax for Web Application Developers

[Dmca](#)