Ways To Secure Session Management

WHITAKER LACI

Encyclopedia of Information Systems and Technology - Two Volume Set CRC Press
Oracle 11i E-Business Suite from the Front Lines is the first book to compile the tips, techniques, and practical advice for administering Oracle E-Business Suite 11i. The author examines Active Directory Utilities, patching, cloning, and the new features that 11i brings to the market. The book benefits those with limited experience with Oracle App
Mastering Application Security Pearson Education
Utilizing an incremental development method called knowledge scaffolding--a proven educational technique for learning subject matter thoroughly by reinforced learning through an elaborative rehearsal process--this new resource includes coverage on threats to confidentiality, integrity, and availability, as well as countermeasures to preserve these.
Encyclopedia of Information Assurance - 4 Volume Set (Print) Cybellium Ltd
Full Stack Python Security teaches you everything you'll need to build secure Python web applications. Summary In Full Stack Python Security: Cryptography, TLS, and attack resistance, you'll learn how to: Use algorithms to encrypt, hash, and digitally sign data Create and install TLS certificates Implement authentication, authorization, OAuth 2.0, and form validation in Django Protect a web application with Content Security Policy Implement Cross Origin Resource Sharing Protect against common attacks including clickjacking, denial of service attacks, SQL injection, cross-site scripting, and more Full Stack Python Security: Cryptography, TLS, and attack resistance teaches you everything you'll need to build secure Python web applications. As you work through the insightful code snippets and engaging examples, you'll put security standards, best practices, and more into action. Along the way, you'll get exposure to important libraries and tools in the Python ecosystem. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Security is a full-stack concern, encompassing user interfaces, APIs, web servers, network infrastructure, and everything in between. Master the powerful libraries, frameworks, and tools in the Python ecosystem and you can protect your systems top to bottom. Packed with realistic examples, lucid illustrations, and working code, this book shows you exactly how to secure Python-based web applications. About the book Full Stack Python Security: Cryptography, TLS, and attack resistance teaches you everything you need to secure Python and Django-based web apps. In it, seasoned security pro Dennis Byrne demystifies complex security terms and algorithms. Starting with a clear review of cryptographic foundations, you'll learn how to implement layers of defense, secure user authentication and third-party access, and protect your applications against common hacks. What's inside Encrypt, hash, and digitally sign data Create and install TLS certificates Implement authentication, authorization, OAuth 2.0, and form validation in Django Protect against attacks such as clickjacking, cross-site scripting, and SQL injection About the reader For intermediate Python programmers. About the author Dennis Byrne is a tech lead for 23andMe, where he protects the genetic data of more than 10 million customers. Table of Contents 1 Defense in depth PART 1 - CRYPTOGRAPHIC FOUNDATIONS 2 Hashing 3 Keyed hashing 4 Symmetric encryption 5 Asymmetric encryption 6 Transport Layer Security PART 2 - AUTHENTICATION AND AUTHORIZATION 7 HTTP session management 8 User authentication 9 User password management 10 Authorization 11 OAuth 2 PART 3 - ATTACK RESISTANCE 12 Working with the operating system 13 Never trust input 14 Cross-site scripting attacks 15 Content Security Policy 16 Cross-site request forgery 17 Cross-Origin Resource Sharing 18 Clickjacking
Reduce Risk and Improve Security on IBM Mainframes: Volume 2 Mainframe Communication and Networking Security CRC Press
Sincerely welcome to proceedings of the 1st International Conference on Trust and Privacy in Digital Business, Zaragoza, Spain, held from August 30th to September 1st, 2004. This conference was an outgrowth of the two successful TrustBus inter- tional workshops, held in 2002 and 2003 in conjunction with the DEXA conferences in Aix-en-Provence and in Prague. Being the first of a planned series of successful conferences it was our goal that this event would initiate a forum to bring together researchers from academia and commercial developers from industry to discuss the state of the art of technology for establishing trust and privacy in digital business. We thank you all the attendees for coming to Zaragoza to participate and debate the new emerging advances in this area. The conference program consisted of one invited talk and nine regular technical papers sessions. The invited talk and keynote speech was delivered by Ahmed Patel from the Computer Networks and Distributed Systems Research Group, University College Dublin, Ireland on "Developing Secure, Trusted and Auditable Services for E-Business: An Autonomic Computing Approach". A paper covering his talk is also contained in this book. The regular paper sessions covered a broad range of topics, from access control - sues to electronic voting, from trust and protocols to digital rights management. The conference attracted close to 100 submissions of which the program committee - cepted 29 papers for presentation and inclusion in the conference proceedings.
Hands-On Spring Security 5 for Reactive Applications Springer Science & Business Media
Agile continues to be the most adopted software development methodology among organizations worldwide, but it generally hasn't integrated well with traditional security management techniques. And most security professionals aren't up to speed in their understanding and experience of agile development. To help bridge the divide between these two worlds, this practical guide introduces several security tools and techniques adapted specifically to integrate with agile development. Written by security experts and agile veterans, this book begins by introducing security principles to agile practitioners, and agile principles to security practitioners. The authors also reveal problems they encountered in their own experiences with agile security, and how they worked to solve them. You'll learn how to: Add security practices to each stage of your existing development lifecycle Integrate security with planning, requirements, design, and at the code level Include security testing as part of your team's effort to deliver working software in each release Implement regulatory compliance in an agile or DevOps environment Build an effective security program through a culture of empathy, openness, transparency, and collaboration
Cloud Security: Concepts, Methodologies, Tools, and Applications Pearson Education
ASP.NET Core Security teaches you the skills and countermeasures you need to keep your ASP.NET Core apps secure from the most common web application attacks. With this collection of practical techniques, you will be able to anticipate risks and introduce practices like testing as regular security checkups. You'll be fascinated as the author explores real-world security breaches, including rogue Firefox extensions and Adobe password thefts. The examples present universal security best practices with a sharp focus on the unique needs of ASP.NET Core applications.
Service-oriented Architecture Compass CRC Press
Take full creative control of your web applications with Flask, the Python-based microframework. With the second edition of this hands-on book, you'll learn the framework from the ground up by developing, step-by-step, a real-world project created by author Miguel Grinberg. This refreshed edition accounts for important technology changes that have occurred in the past three years. You'll learn the framework's core functionality, as well as how to extend applications with advanced web techniques such as database migration and web service communication. The first part of each chapter provides you with reference and background for the topic in question, while the second part guides you though a hands-on implementation of the topic. If you have Python experience, this book shows you how to take advantage of the creative freedom Flask provides.
Proceedings of UASG 2019 Secure Development for Mobile Apps
This book constitutes the refereed proceedings of the First International Conference on Advances in Parallel, Distributed Computing Technologies and Applications, PDCTA 2011, held in Tirunelveli,

India, in September 2011. The 64 revised full papers were carefully reviewed and selected from over 400 submissions. Providing an excellent international forum for sharing knowledge and results in theory, methodology and applications of parallel, distributed computing the papers address all current issues in this field with special focus on algorithms and applications, computer networks, cyber trust and security, wireless networks, as well as mobile computing and bioinformatics.
Information Security Management Handbook, Fifth Edition John Wiley & Sons
According to the Brookings Institute, an organization's information and other intangible assets account for over 80 percent of its market value. As the primary sponsors and implementers of information security programs, it is essential for those in key leadership positions to possess a solid understanding of the constantly evolving fundamental conc
Handbook of Information Security, Threats, Vulnerabilities, Prevention, Detection, and Management CRC Press
Description-The book has been written in such a way that the concepts are explained in detail, givingadequate emphasis on examples. To make clarity on the topic, diagrams are given extensively throughout the text. Various questions are included that vary widely in type and difficulty to understand the text. This text is user-focused and has been highly updated including topics, pictures and examples. The book features the most current research findings in all aspects of information Security. From successfully implementing technology change to understanding the human factors in IT utilization, these volumes address many of the core concepts and organizational applications, implications of information technology in organizations.Key FeaturesA* Comprehensive coverage of various aspects of cyber security concepts.A* Simple language, crystal clear approach, straight forward comprehensible presentation. A* Adopting user-friendly classroom lecture style. A* The concepts are duly supported by several examples. A* Previous years question papers are also included. A* The important set of questions comprising of more than 90 questions with short answers are also included. Table of Contents:Chapter-1 : Introduction to Information SystemsChapter-2 : Information SecurityChapter-3 : Application SecurityChapter-4 : Security ThreatsChapter-5 : Development of secure Information SystemChapter-6 : Security Issues In HardwareChapter-7 : Security PoliciesChapter-8 : Information Security Standards
Essential Node.js Security "O'Reilly Media, Inc."
Considered the gold-standard reference on information security, the Information Security Management Handbook provides an authoritative compilation of the fundamental knowledge, skills, techniques, and tools required of today's IT security professional. Now in its sixth edition, this 3200 page, 4 volume stand-alone reference is organized under the CISSP Common Body of Knowledge domains and has been updated yearly. Each annual update, the latest is Volume 6, reflects the changes to the CBK in response to new laws and evolving technology.
Cisco Voice Gateways and Gatekeepers "O'Reilly Media, Inc."
Spanning the multi-disciplinary scope of information technology, the Encyclopedia of Information Systems and Technology draws together comprehensive coverage of the inter-related aspects of information systems and technology. The topics covered in this encyclopedia encompass internationally recognized bodies of knowledge, including those of The IT BOK, the Chartered Information Technology Professionals Program, the International IT Professional Practice Program (British Computer Society), the Core Body of Knowledge for IT Professionals (Australian Computer Society), the International Computer Driving License Foundation (European Computer Driving License Foundation), and the Guide to the Software Engineering Body of Knowledge. Using the universally recognized definitions of IT and information systems from these recognized bodies of knowledge, the encyclopedia brings together the information that students, practicing professionals, researchers, and academicians need to keep their knowledge up to date. Also Available Online This Taylor & Francis encyclopedia is also available through online subscription, offering a variety of extra benefits for researchers, students, and librarians, including: Citation tracking and alerts Active reference linking Saved searches and marked lists HTML and PDF format options Contact Taylor and Francis for more information or to inquire about subscription options and print/online combination packages. US: (Tel) 1.888.318.2367; (E-mail) e-reference@taylorandfrancis.com International: (Tel) +44 (0) 20 7017 6062; (E-mail) online.sales@tandf.co.uk
IBM System z in a Mobile World: Providing Secure and Timely Mobile Access to the Mainframe Jones & Bartlett Publishers
Secure Development for Mobile AppsCRC Press
Agile Application Security CRC Press
From cloud computing to big data to mobile technologies, there is a vast supply of information being mined and collected. With an abundant amount of information being accessed, stored, and saved, basic controls are needed to protect and prevent security incidents as well as ensure business continuity. Applications of Security, Mobile, Analytic, and Cloud (SMAC) Technologies for Effective Information Processing and Management is a vital resource that discusses various research findings and innovations in the areas of big data analytics, mobile communication and mobile applications, distributed systems, and information security. With a focus on big data, the internet of things (IoT), mobile technologies, cloud computing, and information security, this book proves a vital resource for computer engineers, IT specialists, software developers, researchers, and graduate-level students seeking current research on SMAC technologies and information security management systems.
Interdisciplinary National Seminar 2023 Simon and Schuster
Website security made easy. This book covers the most common ways websites get hacked and how web developers can defend themselves. The world has changed. Today, every time you make a site live, you're opening it up to attack. A first-time developer can easily be discouraged by the difficulties involved with properly securing a website. But have hope: an army of security researchers is out there discovering, documenting, and fixing security flaws. Thankfully, the tools you'll need to secure your site are freely available and generally easy to use. Web Security for Developers will teach you how your websites are vulnerable to attack and how to protect them. Each chapter breaks down a major security vulnerability and explores a real-world attack, coupled with plenty of code to show you both the vulnerability and the fix. You'll learn how to: Protect against SQL injection attacks, malicious JavaScript, and cross-site request forgery Add authentication and shape access control to protect accounts Lock down user accounts to prevent attacks that rely on guessing passwords, stealing sessions, or escalating privileges Implement encryption Manage vulnerabilities in legacy code Prevent information leaks that disclose vulnerabilities Mitigate advanced attacks like malvertising and denial-of-service As you get stronger at identifying and fixing vulnerabilities, you'll learn to deploy disciplined, secure code and become a better programmer along the way.
Primer on Client-Side Web Security John Wiley & Sons
Today, organizations engage with customers, business partners, and employees who are increasingly using mobile technology as their primary general-purpose computing platform. These organizations have an opportunity to fully embrace this new mobile technology for many types of transactions, including everything from exchanging information to exchanging goods and services, from employee self-service to customer service. With this mobile engagement, organizations can build new insight into the behavior of their customers so that organizations can better anticipate customer needs and gain a competitive advantage by offering new services. Becoming a mobile enterprise is about re-imagining your business around constantly connected customers and employees. The speed of mobile adoption dictates transformational rather than incremental innovation. This IBM® Redbooks® publication has an end-to-end example of creating a scalable, secure mobile application infrastructure that uses data that is on an IBM mainframe. The book uses an insurance-based application as an example, and shows how the application is built, tested, and deployed into production. This book is for application architects and decision-makers who want to employ mobile technology in concert with their mainframe environment.
Secure Development for Mobile Apps No Starch Press
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Fundamentals of Cyber Security AJPO Journals USA LLC
The world is becoming increasingly mobile. Smartphones and tablets have become more powerful and popular, with many of these devices now containing confidential business, financial, and personal information. This has led to a greater focus on mobile software security. Establishing mobile software security should be of primary concern to every mobile application developer. This book explains how you can create mobile social applications that incorporate security throughout the development process. Although there are many books that address security issues, most do not explain how to incorporate security into the building process. Secure Development for Mobile Apps does exactly that. Its step-by-step guidance shows you how to integrate security measures into social apps running on mobile platforms. You'll learn how to design and code apps with security as part of the process and not an afterthought. The author outlines best practices to help you build better, more secure software. This book provides a comprehensive guide to techniques for secure development practices. It covers PHP security practices and tools, project layout templates, PHP and PDO, PHP encryption, and guidelines for secure session management, form validation, and file uploading. The book also demonstrates how to develop secure mobile apps using the APIs for Google Maps, YouTube, jQuery Mobile, Twitter, and Facebook. While this is not a beginner's guide to programming, you should have no problem following along if you've spent some time developing with PHP and MySQL.
Electronic Collaboration in Science John Wiley & Sons
Learn how to use Tomcat to quickly build more sophisticated Web applications This comprehensive introduction to developing complex Web applications using Tomcat and related Apache Jakarta technologies examines everything you need to know about Tomcat 4—the popular, award-winning server for implementing and deploying servlets and JavaServer Pages. Tomcat helps developers create dynamic Web content without the problems associated with other methods, like CGI scripts. Author Peter Harrison has written the first book to cover Tomcat from a developer's perspective. He shows you how to use Tomcat by itself as well as with related Apache Jakarta technologies to develop dynamic Web applications, and you'll also learn techniques for improving your programming productivity. This practical, guide is packed with source code and examples of real-world Web applications. Plus, you'll discover other exciting features of Tomcat, including: A code-intensive guide to building Web applications that run on Tomcat Details on using other Apache Jakarta technologies-including Struts, Taglibs, Velocity, and CVS-with Tomcat to form a comprehensive Java Web development process Complete guidelines for installing, configuring, and administering Tomcat, including coverage of the new Manager application and Web application deployment process The companion Web site contains: All source code from the book Working demonstrations Links to additional resources
Packt Publishing Ltd
This volume illustrates the continuous arms race between attackers and defenders of the Web ecosystem by discussing a wide variety of attacks. In the first part of the book, the foundation of the Web ecosystem is briefly recapped and discussed. Based on this model, the assets of the Web ecosystem are identified, and the set of capabilities an attacker may have are enumerated. In the second part, an overview of the web security vulnerability landscape is constructed. Included are selections of the most representative attack techniques reported in great detail. In addition to descriptions of the most common mitigation techniques, this primer also surveys the research and standardization activities related to each of the attack techniques, and gives insights into the prevalence of those very attacks. Moreover, the book provides practitioners a set of best practices to gradually improve the security of their web-enabled services. Primer on Client-Side Web Security expresses insights into the future of web application security. It points out the challenges of securing the Web platform, opportunities for future research, and trends toward improving Web security.

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