Apache Security

"The Second Edition of Security Strategies in Linux Platforms and Applications opens with a discussion of risks, threats, and vulnerabilities. Part 2 discusses how to take advantage of the layers of security and the modules associated with AppArmor and SELinux. Part 3 looks at the use of open source and proprietary tools when building a layered security strategy"--
Sams Teach Yourself Apache in 24 Hours covers the installation, configuration, and ongoing administration of the Apache Web server, the most popular Internet Web server. It covers both the 1.3 and the new 2.0 versions of Apache. Using a hands-on, task-oriented format, it concentrates on the most popular features and common quirks of the server. The first part of the book helps the reader build, configure, and get started with Apache. After completing these chapters the reader will be able to start, stop, and monitor the Web server. He also will be able to serve both static content and dynamic content, customize the logs, and restrict access to certain parts of the Web server. The second part of the book explains in detail the architecture of Apache and how to extend the server via third-party modules like PHP and Tomcat. It covers server performance and scalability, content management, and how to set up a secure server with SSL.
Describes the history of the Web server platform and covers downloading and compiling, configuring and running the program on UNIX, writing specialized modules, and establishing security routines.

A complete guide to securing the world's most popular
Web server, written by the original Maximum Security
author. Details system holes, hacker attack methods,
and tools for breaching an Apache-based Web site.
Apache configuration, administration, and development
can be extremely complex-and if improperly done can
leave a Web site vulnerable to attack. Written by the
same best-selling author of Maximum Security and
Maximum Linux Security. With more than 65 percent of
Web sites using the Apache Web server and the Apache-
based open source Web development environment --and
with the risk of sabotage greater than ever--Apache
administrators and developers need to know how to build
and maintain secure Web servers and Web applications.
Yet most of the currently available Apache books lack
detailed information on important Web administration
topics like security. Maximum Apache Security details
the complex security weaknesses and risks of Apache,
and provides hands-on solutions for keeping a Web site
secure and buttressed against intruders. It includes up-
to-20020612 coverage of both Apache 2.0 as well as
Apache 1.3. Anonymous, author of the controversial
bestsellers Maximum Security and Maximum Linux
Security, is an experienced computer hacker who was
convicted of a series of financial crimes after developing
a technique to circumvent bank security in automatic
teller machines. He now works as a writer, trainer,
Internet and Unix site manager, and security consultant
in California.
Easy, hands-on recipes to help you understand Hive and
its integration with frameworks that are used widely in

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today's big data world About This Book Grasp a complete reference of different Hive topics. Get to know the latest recipes in development in Hive including CRUD operations Understand Hive internals and integration of Hive with different frameworks used in today's world. Who This Book Is For The book is intended for those who want to start in Hive or who have basic understanding of Hive framework. Prior knowledge of basic SQL command is also required What You Will Learn Learn different features and offering on the latest Hive Understand the working and structure of the Hive internals Get an insight on the latest development in Hive framework Grasp the concepts of Hive Data Model Master the key concepts like Partition, Buckets and Statistics Know how to integrate Hive with other frameworks such as Spark, Accumulo, etc In Detail Hive was developed by Facebook and later open sourced in Apache community. Hive provides SQL like interface to run queries on Big Data frameworks. Hive provides SQL like syntax also called as HiveQL that includes all SQL capabilities like analytical functions which are the need of the hour in today's Big Data world. This book provides you easy installation steps with different types of metastores supported by Hive. This book has simple and easy to learn recipes for configuring Hive clients and services. You would also learn different Hive optimizations including Partitions and Bucketing. The book also covers the source code explanation of latest Hive version. Hive Query Language is being used by other frameworks including spark. Towards the end you will cover integration of Hive with these frameworks.

Style and approach Starting with the basics and covering the core concepts with the practical usage, this book is a complete guide to learn and explore Hive offerings.

-The Compact Framework brings familiar .NET development to mobile devices.-This technology enables millions of Microsoft programmers to develop Windows CE applications.-Written by two Microsoft Compact Framework team members.

If you're an application developer familiar with SQL databases such as MySQL or Postgres, and you want to explore distributed databases such as Cassandra, this is the perfect guide for you. Even if you've never worked with a distributed database before, Cassandra's intuitive programming interface coupled with the step-by-step examples in this book will have you building highly scalable persistence layers for your applications in no time.

Covers command-line options, configuration directives, modules, and Apache support utilities.

The Apache HTTP Server 2.2 Official Documentation books covers all aspects of using and managing for the world's most popular web server.

Authoritative Answers to All Your Linux SecurityQuestions—Specifically for Linux Administrators This is the most complete, most advanced guide to Linux securityyou'll find anywhere. Written by a Linux security expert with overa decade of experience, Linux Security teaches you, step-by-step,all the standard and advanced

techniques you need to know to keepyour Linux environment safe from threats of all kinds. Hundreds ofclear, consistent examples illustrate these techniques indetail†so you stay on track and accomplish all your goals.Coverage includes: Understanding information and system security procedures Developing a corporate security policy Designing and deploying an effective system and networkmonitoring strategy Managing the network services offered by Linux servers Understanding Sendmail security, including authentication andprivacy Providing application-level mail security using PGP Designing and deploying an Apache HTTP server, including SSLextensions Securing your Samba server Building a network layer firewall using IPtables and Linuxkernel v.2.4 Using the NEC SOCKS5 transport layer firewall Deploying the TIS firewall toolkit Offering secure remote connectivity with IPsec and PPTPVPNs Adding strong user authentication to Linux servers usingKerberos Understanding the Linux Pluggable Authentication Modules(PAM)

Offers real world examples of computer security breeches and discusses common attacks, security policies, configuration and hardware preparation, and system scanning and repair.

What is this book about? Tomcat is an open source web server that processes JavaServer Pages and Java Servlets. It can run as a stand-alone server or

be integrated with Apache. Like Apache, the core Tomcat program is relatively simple, but there are many enhancements that can be added to make it much more complex. What does this book cover? You will learn how to integrate Tomcat with the Apache HTTP server (and the situations when you should and you shouldn't), how to set up database connectivity through JDBC, and how to ensure your web applications are secure. This book will provide you, the server administrator, with the necessary knowledge to install and configure Tomcat, as well as many of the most popular enhancements to the Tomcat package. It will help you plan the installation and possible growth options of your site. Here are just a few of the things you'll find covered in this book: Tomcat 3.x, Tomcat 4.0.x, and Tomcat 4.1.x The Tomcat architecture Tomcat installation and configuration Apache and Tomcat integration using the AJP and WARP connectors Tomcat security with SSL, realms, and the Java Security Manager Shared Tomcat hosting, server load testing, and load balancing Managing and administering web applications JDBC with Tomcat Ant and Log4j It will also cover some of the tools that can be integrated with Tomcat, such as Ant (for automatically building web applications) and Log4J (for advanced logging). Who is this book for? This book is for professionals working with Java web applications. It assumes a certain knowledge of the JSP and Servlet

technologies, but only from an administrator's point of view. Knowledge of databases, XML, HTML, networking, and general administrative techniques is also assumed.

If you're a Java(TM) programmer working with XML, you probably already use some of the tools developed by the Apache Software Foundation. This book is a code-intensive guide to the Apache XML tools that are most relevant for Java developers, including Xerces, Xalan, FOP, Cocoon, Axis, and Xindice. Theodore Leung, a founding member of the Apache XML Project, focuses on the unique capabilities of these best-of-breed XML tools. With the help of a sample application, he demonstrates how you can use them in unison to develop professional XML/Java applications for the real world. If you need in-depth information to help you assemble a workable toolbox for developing sophisticated XML-based applications, you'll find it in this volume. What you will learn from this book How the Apache XML Project relates to Java programming When you'll need some of Xerces' extra parsing features, like grammar caching How to use Xalan's XSLTC to compile XSLT stylesheets into Java Prerequisites and applications for FOP and Batik Cocoon concepts and development Development techniques and practical usage for Xindice How to develop back-end applications with XML RPC and Axis Applications and concepts for

XML Security Who this book is for This book is written for professional Java developers who have had some exposure to XML and XSLT. To get the most from it, you should be familiar with Java, Java Web development technologies (e.g., servlets), and the command line Java tools. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

Deliver lightning fast and reliable messaging for your distributed applications with the flexible and resilient Apache Pulsar platform. In Apache Pulsar in Action you will learn how to: Publish from Apache Pulsar into third-party data repositories and platforms Design and develop Apache Pulsar functions Perform interactive SQL queries against data stored in Apache Pulsar Apache Pulsar in Action is a comprehensive and practical guide to building high-traffic applications with Pulsar. You'll learn to use this mature and battle-tested platform to deliver extreme levels of speed and durability to your messaging. Apache Pulsar committer David Kjerrumgaard teaches you to apply Pulsar's seamless scalability through hands-on case studies,

including IOT analytics applications and a microservices app based on Pulsar functions. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Reliable server-to-server messaging is the heart of a distributed application. Apache Pulsar is a flexible real-time messaging platform built to run on Kubernetes and deliver the scalability and resilience required for cloud-based systems. Pulsar supports both streaming and message queuing, and unlike other solutions, it can communicate over multiple protocols including MQTT, AMQP, and Kafka's binary protocol. About the book Apache Pulsar in Action teaches you to build scalable streaming messaging systems using Pulsar. You'll start with a rapid introduction to enterprise messaging and discover the unique benefits of Pulsar. Following crystal-clear explanations and engaging examples, you'll use the Pulsar Functions framework to develop a microservices-based application. Real-world case studies illustrate how to implement the most important messaging design patterns. What's inside Publish from Pulsar into third-party data repositories and platforms Design and develop Apache Pulsar functions Create an event-driven food delivery application About the reader Written for experienced Java developers. No prior knowledge of Pulsar required. About the author David Kjerrumgaard is a

committer on the Apache Pulsar project. He currently serves as a Developer Advocate for StreamNative, where he develops Pulsar best practices and solutions. Table of Contents PART 1 GETTING STARTED WITH APACHE PULSAR 1 Introduction to Apache Pulsar 2 Pulsar concepts and architecture 3 Interacting with Pulsar PART 2 APACHE PULSAR DEVELOPMENT ESSENTIALS 4 Pulsar functions 5 Pulsar IO connectors 6 Pulsar security 7 Schema registry PART 3 HANDS-ON APPLICATION DEVELOPMENT WITH APACHE PULSAR 8 Pulsar Functions patterns 9 Resiliency patterns 10 Data access 11 Machine learning in Pulsar 12 Edge analytics

Get a solid grounding in Apache Oozie, the workflow scheduler system for managing Hadoop jobs. With this hands-on guide, two experienced Hadoop practitioners walk you through the intricacies of this powerful and flexible platform, with numerous examples and real-world use cases. Once you set up your Oozie server, you'll dive into techniques for writing and coordinating workflows, and learn how to write complex data pipelines. Advanced topics show you how to handle shared libraries in Oozie, as well as how to implement and manage Oozie's security capabilities. Install and configure an Oozie server, and get an overview of basic concepts Journey through the world of writing and configuring workflows Learn how the Oozie coordinator

schedules and executes workflows based on triggers Understand how Oozie manages data dependencies Use Oozie bundles to package several coordinator apps into a data pipeline Learn about security features and shared library management Implement custom extensions and write your own EL functions and actions Debug workflows and manage Oozie's operational details

Users of IBM® z/OS® for the past several years had a choice of two HTTP Servers that they can use. Now, one server became strategic while the other is no longer supported with z/OS V2.2. IHS powered by Apache supports IPv6 and 64-bit execution and includes security authentication and authorization capabilities that are similar to those capabilities that are provided in IHS powered by IBM Domino®. This IBM RedpaperTM publication is aimed at technicians who are responsible for planning and deploying system software. It provides informationon about the various features that are available in IBM HTTP Server powered by Apache. It also provides guidance about how to upgrade from the old product to the new product.

* Thorough coverage of Apache security * Accessible for both junior and senior level system administrators * This will be most up-to-date book on Apache Foreword and tech review by Ken Coar; one of the most respected people in the industry

The term big data refers to extremely large sets of data

that are analyzed to reveal insights, such as patterns, trends, and associations. The algorithms that analyze this data to provide these insights must extract value from a wide range of data sources, including business data and live, streaming, social media data. However, the real value of these insights comes from their timeliness. Rapid delivery of insights enables anyone (not only data scientists) to make effective decisions, applying deep intelligence to every enterprise application. Apache Spark is an integrated analytics framework and runtime to accelerate and simplify algorithm development, depoyment, and realization of business insight from analytics. Apache Spark on IBM® z/OS® puts the open source engine, augmented with unique differentiated features, built specifically for data science, where big data resides. This IBM Redbooks® publication describes the installation and configuration of IBM z/OS Platform for Apache Spark for field teams and clients. Additionally, it includes examples of business analytics scenarios.

Provides advice on ways to ensure network security, covering such topics as DNS, Apache web server, OpenLDAP, email encryption, Cyrus IMAP service, and FTP server.

Could be first to market book on Pro Apache Geronimo Apache Geronimo is open source lightweight (like Spring, Hibernate and Apache Beehive), enterprise Java deployment tool Practical, hands on book with lots of code samples to learn and apply

Tomcat is the official reference implementation of Sun's servlet and JSP specifications, and Java developers

must test all Web applications on Tomcat to ensure they work as designed Boasting more than 40 percent new and updated material, this book covers all the major new features affecting server administration and management Explores the additional built-in tools of Tomcat, which help Java developers program more efficiently, and looks at how Apache's other open source servlet/JSP technologies are designed to work with Tomcat Features full coverage of Release 6, which supports the latest JSP and servlet specifications: JSP 2.1 and Servlets 2.5 Addresses solving real-world problems encountered during all phases of server administration, including managing class loaders and connectors, security, shared hosting and clustering, and system testing
"Do you learn best by example and experimentation? This book is ideal. Have your favorite editor and compiler ready–you'll encounter example code you'll want to try right away. You've picked the right book–this is sure to become the de facto standard guide to writing Apache modules." –Rich Bowen, coauthor, Apache Administrators Handbook, Apache Cookbook, and The Definitive Guide to Apache mod_rewrite "A first-rate guide to getting the most out of Apache as a modular application platform–sure to become a must-read for any Apache programmer, from beginner to experienced professional. It builds up carefully and meticulously from the absolute basics, while including chapters on everything from the popular Apache DBD Framework to best practices, security, and debugging." –Noirin Plunkett, documentation committer to the Apache httpd project, and member of the ASF conference committee

The Only Comprehensive Guide to Developing Apache 2.x Modules and Applications Apache is more than the world's most popular Web server–it's also an extraordinarily powerful and extensible development platform. Now, ApacheTutor.org's Nick Kew has written The Apache Modules Book, the first start-to-finish, example-rich guide for every developer who wants to make the most of Apache. Kew begins with detailed, accessible introductions to Apache's architecture and API, then illuminates all the techniques you'll need, from request processing through code security. He brings together the best of both worlds: powerful C-based techniques for accomplishing tasks Perl or PHP can't handle, implemented with tools that deliver all the productivity you'd expect from higher-level languages. Utilizing realistic code samples, Kew introduces techniques documented in no other book-and, often, nowhere else at all. Coverage includes Using Apache Portable Runtime (APR) to streamline C development and avoid its pitfalls Leveraging Apache DBD to build applications far more scalable than classic LAMP software Working with the latest Apache 2.x features: filter modules, XML support, and smart proxies Mastering best practices, from thread safety to multi-platform development Utilizing the Apache Authentication Framework Tracing and debugging problems in both Apache and your custom modules Foreword Preface Acknowledgments About the Author Chapter 1 Applications Development with Apache Chapter 2 The Apache Platform and Architecture Chapter 3 The Apache Portable Runtime Chapter 4

Programming Techniques and Caveats Chapter 5 Writing a Content Generator Chapter 6 Request Processing Cycle and Metadata Handlers Chapter 7 AAA: Access, Authentication, and Authorization Chapter 8 Filter Modules Chapter 9 Configuration for Modules Chapter 10 Extending the API Chapter 11 The Apache Database Framework Chapter 12 Module Debugging Appendix A Apache License Appendix B Contributor License Agreements Appendix C Hypertext Transfer Protocol: HTTP/1.1 Index About the Web Site ApacheTutor.org contains code examples from the book, all designed for easy use and integration into existing applications.

Introduces more than one hundred effective ways to ensure security in a Linux, UNIX, or Windows network, covering both TCP/IP-based services and host-based security techniques, with examples of applied encryption, intrusion detections, and logging.

This book takes you on a fantastic journey to discover the attributes of big data using Apache Hive. Key Features Grasp the skills needed to write efficient Hive queries to analyze the Big Data Discover how Hive can coexist and work with other tools within the Hadoop ecosystem Uses practical, example-oriented scenarios to cover all the newly released features of Apache Hive 2.3.3 Book Description In this book, we prepare you for your journey into big data by frstly introducing you to backgrounds in the big data domain, alongwith the process of setting up and getting familiar with your Hive working environment. Next, the book guides you through discovering and transforming the values of big data with

the help of examples. It also hones your skills in using the Hive language in an effcient manner. Toward the end, the book focuses on advanced topics, such as performance, security, and extensions in Hive, which will guide you on exciting adventures on this worthwhile big data journey. By the end of the book, you will be familiar with Hive and able to work effeciently to find solutions to big data problems What you will learn Create and set up the Hive environment Discover how to use Hive's definition language to describe data Discover interesting data by joining and filtering datasets in Hive Transform data by using Hive sorting, ordering, and functions Aggregate and sample data in different ways Boost Hive query performance and enhance data security in Hive Customize Hive to your needs by using user-defined functions and integrate it with other tools Who this book is for If you are a data analyst, developer, or simply someone who wants to quickly get started with Hive to explore and analyze Big Data in Hadoop, this is the book for you. Since Hive is an SQL-like language, some previous experience with SQL will be useful to get the most out of this book.

Offers thorough introductions to several of the Apache Foundation's hottest projects, including Xerces, Axis, and Xindice. Shows you how to build XML-driven websites using the popular Cocoon project. Demonstrates how to transform XML-based documents into a variety of formats, including PDF, SVG, and PS, using the Formatting Objects Processor (FOP) project. Includes a concise

introduction to XML and Web Services.
Build a scalable, fault-tolerant and highly available
data layer for your applications using Apache
Cassandra About This Book Install Cassandra and
set up multi-node clusters Design rich schemas that
capture the relationships between different data
types Master the advanced features available in
Cassandra 3.x through a step-by-step tutorial and
build a scalable, high performance database layer
Who This Book Is For If you are a NoSQL developer
and new to Apache Cassandra who wants to learn
its common as well as not-so-common features, this
book is for you. Alternatively, a developer wanting to
enter the world of NoSQL will find this book useful. It
does not assume any prior experience in coding or
any framework. What You Will Learn Install
Cassandra Create keyspaces and tables with
multiple clustering columns to organize related data
Use secondary indexes and materialized views to
avoid denormalization of data Effortlessly handle
concurrent updates with collection columns Ensure
data integrity with lightweight transactions and
logged batches Understand eventual consistency
and use the right consistency level for your situation
Understand data distribution with Cassandra
Develop simple application using Java driver and
implement application-level optimizations In Detail
Cassandra is a distributed database that stands out
thanks to its robust feature set and intuitive interface,

while providing high availability and scalability of a distributed data store. This book will introduce you to the rich feature set offered by Cassandra, and empower you to create and manage a highly scalable, performant and fault-tolerant database layer. The book starts by explaining the new features implemented in Cassandra 3.x and get you set up with Cassandra. Then you'll walk through data modeling in Cassandra and the rich feature set available to design a flexible schema. Next you'll learn to create tables with composite partition keys, collections and user-defined types and get to know different methods to avoid denormalization of data. You will then proceed to create user-defined functions and aggregates in Cassandra. Then, you will set up a multi node cluster and see how the dynamics of Cassandra change with it. Finally, you will implement some application-level optimizations using a Java client. By the end of this book, you'll be fully equipped to build powerful, scalable Cassandra database layers for your applications. Style and approach This book takes a step-by- step approach to give you basic to intermediate knowledge of Apache Cassandra. Every concept is explained in depth, and is supplemented with practical examples when required.

* Covers the most up-to-date versions of the technology. * Teaches subject using real world tutorials. * Subject is taught in a very concise, no-

nonsense fashion, wasting little time on history and other fluff. Book is therefore compact and portable. It gives you just what you need. * Demystifies what is sometimes thought of as an intimidating subject. * Covers Apache for Windows, Mac/Unix, and Linux. * Full book support available online and via e-mail. A guide to using the Apache Geronimo server covers such topics as configuring and deploying J2EE applications, customization and tuning, deploying Web services, and security.

This is a collection of problems, solutions, and practical examples for webmasters, web administrators, programmers, and anyone who works with Apache.

Apache Tomcat is the most popular open-source de-facto Java Web application server, standard for today's Web developers using JSP/Servlets. Apache Tomcat 7 covers details on installation and administration of Apache Tomcat 7. It explains key parts of the Tomcat architecture, and provides an introduction to Java Servlet and JSP APIs in the context of the Apache Tomcat server. In addition to basic concepts and administration tasks, Apache Tomcat 7 covers some of the most frequently used advanced features of Tomcat, including security, Apache web server integration, load balancing, and embedding Tomcat server in Java applications. Finally, through a practical primer, it shows how to integrate and use some of the most popular Java

technologies with Apache Tomcat. In summary, Apache Tomcat 7 offers both novice and intermediate Apache Tomcat users a practical and comprehensive guide to this powerful software.
* The Definitive Guide to Apache, Third Edition is a new revision of Peter Wainwright's best-selling (actually, the highest-selling) book on Apache configuration and administration. * Provides multiple methods and examples of how to solve a particular problem; compares and contrasts the methods rather than recommending a single, "best" solution. * Demonstrates how to use many of the most-popular scripting languages such as PHP, Perl, and Python to create dynamic web sites.
Apache Jakarta-Tomcat, the official reference implementation for the Java servlet and JavaServer Pages technologies, has long been heralded as an excellent platform for the development and deployment of powerful Web applications. Version 4.0 offers not only numerous enhancements in flexibility and stability, but also an array of features that expand upon the Tomcat developer's already wealthy toolset. In this namesake title, best-selling author James Goodwill provides readers with a thorough introduction to Jakarta-Tomcat, offering instruction on topics ranging from the basic installation and configuration process and Web application deployment to advanced concepts of integration with other popular Apache Foundation

projects such as the Apache Web server, Struts, Log4J, and the Apache XML SOAP Project. In addition to an already comprehensive introduction to core Tomcat functionality, readers also benefit from a valuable primer of what is offered in version 4.0, as Goodwill takes care to thoroughly discuss new features such as valves, security realms, persistent sessions, and the Tomcat Manager Application. In summary, Apache Jakarta-Tomcat offers both novice and advanced Jakarta-Tomcat users a practical and comprehensive guide to this powerful software. "The complete guide to securing your Apache web server"--Cover.

Apache Tomcat (or Jakarta Tomcat or simply Tomcat) is an open source servlet container developed by the Apache Software Foundation (ASF). Tomcat implements the Java Servlet and the JavaServer Pages (JSP) specifications. Apache is far and away the most widely used web server platform in the world. Both free and rock-solid, it runs more than half of the world's web sites, ranging from huge e-commerce operations to corporate intranets and smaller hobby sites, and it continues to maintain its popularity, drawing new users all the time. If you work with Apache on a regular basis, you have plenty of documentation on installing and configuring your server, but where do you go for help with the day-to-day stuff, like adding common modules or fine-tuning your activity logging?The Apache Cookbook is a collection of problems, solutions, and practical examples for webmasters, web administrators, programmers, and everyone else who works with Apache. For every problem addressed in the book, there's a worked-out solution or "recipe"--short, focused pieces of code that you can use

immediately. But this book offers more than cut-and-paste code. You also get explanations of how and why the code works, so you can adapt the problem-solving techniques to similar situations.The recipes in the Apache Cookbook range from simple tasks, such installing the server on Red Hat Linux or Windows, to more complex tasks, such as setting up name-based virtual hosts or securing and managing your proxy server. The two hundred plus recipes in the book cover additional topics such as: Security Aliases, Redirecting, and Rewriting CGI Scripts, the suexec Wrapper, and other dynamic content techniques Error Handling SSL Performance The impressive collection of useful code in this book is a guaranteed timesaver for all Apache users, from novices to advanced practitioners. Instead of poking around mailing lists, online documentation, and other sources, you can rely on the Apache Cookbook for quick solutions to common problems, and then you can spend your time and energy where it matters most.

Apache SecurityOreilly & Associates Incorporated
In just a short time, you can learn how to use PHP, MySQL, and Apache together to create dynamic, interactive websites and applications using the three leading open-source web development technologies. Using a straightforward, step-by-step approach, each lesson in this book builds on the previous ones, enabling you to learn the essentials of PHP scripting, MySQL databases, and the Apache web server from the ground up. Julie C. Meloni is a technical consultant who has been developing web-based applications since the Web first saw the light of day. She has authored numerous books and articles on web application development and HTML/CSS, and you can find translations of her work in 18 different languages. Learn how to… • Install, configure, and set up the PHP scripting language, the MySQL database system, and the Apache Web server • Get these

technologies to work together to create a dynamic, database-backed website • Interact with MySQL using PHP • Work with forms and files • Create a web-based discussion forum or mailing list • Add a storefront and shopping cart to your site • Optimize your MySQL databases • Fine-tune the Apache server's performance • Restrict access to your applications • Set up a secure web server
*Covers only Tomcat 5/5.5 release without explaining tasks on older versions; competitors still only offer Tomcat 4. *Focuses on administration, while competing books rehash JSP and Servlet development. *Solo author means a single voice. Competitors are all collaborations.
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