

Exam Code: AND - 402



# Android Version 5 Security Essentials

Android Security Essentials



- Understand Android's security model and architecture.
- Build Android applications with security best practices in mind.
- Build more robust applications that appeal to clients.
- Build a new Android application for each Android security lesson.

By Android ATC Team

[www.androidatc.com](http://www.androidatc.com)

**Android ATC**

# **Android™ Security Essentials**

Course Code: AND-402 version 5

Hands on Guide to Android Security Principles

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Android Security Essentials is a detailed guide on the basics of Android security best practices. The book is accompanied with practical hands on examples, illustrations, and practical labs. It will help you build your Android application with security in mind.

Lessons in this book cover a wide range of security related topics. It starts off with a through guide on Android permissions then moves to the manipulation of application policy. It also explains the principles of user privacy followed a guide on all secure data storage techniques available in Android system.

### Warning and Disclaimer

This book is designed to provide information about “Android Security Essentials” course with exam AND-402. Every effort has been made to make this book as complete and as accurate as possible, but no warranty or fitness is implied.

### Exam

You can examine your knowledge on the content of this book by taking the online exam AND-402 through PearsonVUE testing centers worldwide. Passing this exam is one step in the path to become an “Android Certified Application Engineer”. For more information, visit:

<http://www.pearsonvue.com/androidatc/>

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## About This Course

This is a two-day (12 hours) professional course, which thoroughly covers the Android™ security model and concerns of both the developer and end-user point of view.

## Course Prerequisite

It's highly recommended that the attendees of this course know the basics of Android application development knowledge. To acquire good knowledge of Android application development, trainees may attend the "Android Application Development" course provided by Android ATC

Upon completing this course, students will be able to:

- 1- Understand Android software architecture.
- 2- Understand Android's security model.
- 3- Build Android applications with security best practices in mind.
- 4- Build more secure and more robust application that appeals to clients.

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