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	Titolo	Android Continuous Integration : Build-Deploy-Test Automation for Android Mobile Apps / / by Pradeep Macharla
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	Descrizione fisica	1 online resource (XIX, 141 p. 117 illus., 114 illus. in color.)
	Disciplina	005.11
	Soggetti	Computer programming Computer engineering Open source software Computer software—Reusability Programming Techniques Computer Engineering Open Source Performance and Reliability
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	01 – Introduction -- 02 - Mobile Technologies -- 03 - CI Pattern with Jenkins – Android -- 04 - Pre-Requisites -- 05 - Android System Setup -- 06 - Tools to know -- 07 - Build Android App -- 08 - Connect Android Target -- 09 - Deploy or Install Android App -- 10 - Appium – General -- 11 - Appium Framework – Android -- 12 - Parallel Devices Automation.
	Sommario/riassunto	Master continuous integration, deployment and automated testing for Android apps. You'll see how to set up and tear down sandbox environments to test the end-user experience, where you'll learn how to manage a mobile device in addition to the build machine. Android Continuous Integration applies a real-world CI pattern that has been thoroughly tested and implemented. This book starts with continuous integration concepts and the tools and code needed to become proficient in continuous integration for Android apps. You'll also follow

acceptance test driven development (ATDD) best practice, giving you all the skills you need to become a better, more effective developer. Finally, you'll learn about the Appium mobile automation library and the Jenkins continuous integration tool. You will: Understand how to build an Android mobile app from source Set up a development or debugging envi ronment for mobile apps Master the Nexus dependency management and application release tool Work with the SonarQube code quality analyzer Use debugging tools in Android.