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Titolo	Learn API Testing : Norms, Practices, and Guidelines for Building Effective Test Automation / / by Jagdeep Jain
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Descrizione fisica	1 online resource (xxii, 223 pages) : illustrations
Disciplina	005.3
Soggetti	Computer programs - Testing Internet programming Software Testing Web Development
Lingua di pubblicazione	Inglese
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Nota di contenuto	Chapter 1: Introduction to API Testing -- Chapter 2: Software Web Application -- Chapter 3: Authentication -- Chapter 4: Tools Frameworks and Libraries -- Chapter 5: Test Pyramid -- Chapter 6: Testing The API -- Chapter 7: A Good Test Script -- Chapter 8: Coding Guidelines -- Chapter 9: Organize Test Framework -- Chapter 10: First Test -- Chapter 11: API Documentation -- Chapter 12: Case Study – Shopping Cart APIs.
Sommario/riassunto	Explore software web application architecture, API testing, coding practices, and the standards for better API test automation development and management. This book focuses on aspiring software testing engineers currently working in API testing, and those starting their journey in the field of software testing. You'll begin with an introduction to API testing and software web applications involving APIs. The book then moves on to the authentication standards used in the software industry, and the tools, the frameworks, and the libraries used in API testing. As the book progresses, you'll learn about the test pyramid, how to test an API, what makes a good test script, and various coding guidelines. Finally, you get to write your own API test script. Learn API Testing is your pathway to understanding a typical software

web application, its requests and responses, and the properties of a good test script. You will: Examine practices, standards, and guidelines for effective test automation Work with different tools like RestAssured, Curl, and Postman Understand API testing paradigm (internal/external APIs, CDCT) Review a case study on the industrial software API testing process Organize a test framework.
