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Titolo	Cloud development and deployment with Cloudbees // Nicolas De loof
Pubbl/distr/stampa	Birmingham : , : Packt Publishing, , 2013
ISBN	1-78328-164-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (114 pages) : illustrations
Collana	Community experience distilled
Disciplina	006.7/8
Soggetti	Cloud computing Database management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Intro -- Cloud Development and Deployment with CloudBees -- Table of Contents -- Cloud Development and Deployment with CloudBees -- Credits -- About the Author -- About the Reviewers -- www.PacktPub.com -- Support files, eBooks, discount offers and more -- Why Subscribe? -- Free Access for Packt account holders -- Preface -- What this book covers -- Who this book is for -- Conventions -- Reader feedback -- Customer support -- Errata -- Piracy -- Questions -- 1. What's a PaaS and Why CloudBees? -- Infrastructure as a Service -- Software as a Service -- Platform as a Service -- So, which platform? -- Cloud and clustering -- Private versus public Clouds -- Security -- CloudBees - embrace the development stack -- Summary -- 2. Getting Started Quickly -- Subscribing to services -- Keys and authorizations -- Accessing services -- Setting up an application using ClickStart -- Getting the code -- Making changes and updating the application -- PaaS versus self-managed infrastructure -- Summary -- 3. Users, Domains, and Services -- Users and roles -- Services -- Integrated partner services -- Validated partner services -- Summary -- 4. ClickStart in Depth -- What's a ClickStart? -- Getting the code -- Building the project -- Managing the deployed application -- The ClickStart ecosystem -- Writing your own ClickStart -- Summary -- 5. Managing Your Build -- Jenkins -- Continuous Integration -- Automation -- Extensibility -- Scalability -- DEV@cloud -- Customization -- Plugins -- On-demand slaves -- Continuous delivery -- Full chain automation - continuous deployment -- Job chain --

Promotion -- Summary -- 6. Running Your Applications -- Scalability -- Horizontal scalability -- Clustering constraints -- State -- The HttpSession servlet -- Sticky session -- The client-side state -- The ephemeral filesystem -- Customizing the domain -- Mapping your domain name.

SSL encryption -- The private mode -- Monitoring -- ClickStack -- Summary -- 7. Tools -- CloudBees SDK -- Installation -- Basic usage -- Runtime parameters -- Customizing your application -- Application parameters -- Resource management and binding -- Plugins -- Blue-green deployment -- IDE integration -- Eclipse plugin -- Installation -- The CloudBees view -- ClickStart integration -- IntelliJ Idea support -- GitHub integration -- Full cloud-based toolbox -- Summary -- 8.

Using ClickStack to Extend the Platform -- The RUN@cloud architecture -- Metadata -- The directory structure -- Plugins -- ClickStack by sample -- A simple ClickStack plugin -- Community and contributions -- Advanced ClickStack -- Sharing the code -- Complex setup -- Testing -- The local GenApp installation -- Automated tests -- Summary -- Index.

Sommario/riassunto

This is an easy-to-follow yet comprehensive guide that follows a step-by-step approach to leverage the CloudBees services. If you are a Java developer and want to explore the world of the cloud, this book is ideal for you. This book will guide you through the process of developing and deploying an application on the cloud. Prior knowledge of Java is essential.
