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Titolo	Pro Vagrant [[electronic resource] /] / by Wlodzimierz Gajda
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ISBN	1-4842-0073-X
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (243 p.)
Collana	Expert's voice in open source
Disciplina	004
Soggetti	Open source software Computer programming Application software Open Source Computer Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The expert voice in open source"--Cover. Includes index.
Nota di contenuto	Contents at a Glance; Chapter 1: Getting Started with Vagrant; What Is Vagrant?; Client/Server Paradigm and its Aftermath; Traditional Approach to Setting up a Developer Environment; Virtualization to the Rescue; Enter the Vagrant; Vagrant Rulez!; Disadvantages of Vagrant; Vagrant for Trainers, Instructors, and Teachers; Installing the Software; Git; VirtualBox; Vagrant; Check the Installation; Basic Vagrant Configuration; Documentation; Summary; In the Next Chapter, You'll Learn . . . ; Reading List; Test Yourself; Chapter 2: Four Web Frameworks in Four Minutes Project 1: "Songs for kids" Written in AngularJS Project 2: "Songs for kids" Written in Django; Project 3: "Songs for kids" Written in Ruby on Rails; Project 4: "Songs for kids" Written in Symphony; What Have You Achieved?; Shared Folders ; Stopping VMs; Summary; In the Next Chapter, You'll Learn . . . ; Reading List; Test Yourself; Exercises; Chapter 3: The States of VM; Before You Begin; Getting the Source Code of the Example Application; Vagrantfile; Where Does the VM Image Come From?; Booting the VM; Stage I: Downloading and Installing the Box in the System Stage II: Importing the Base Box into the Project Stage III: Booting the

System; Files and Directories: Summary; Files and Directories in Stage I; Files and Directories in Stage II; Files and Directories in Stage III; Guest OS States; running State; poweroff State; saved State; not created State; aborted State; Vagrant Commands; vagrant up Command; vagrant halt Command; vagrant suspend Command; vagrant destroy Command; vagrant reload Command; How to Start and Stop a VM; Running "Songs for kids" in Sinatra
Killing and Preserving Processes in a Guest OS During Shutdown
Preserving and Losing Files in a Guest OS During Shutdown; Colliding Ports; Removing the Box; Summary; In the Next Chapter You Will Learn . . .; Reading List; Test Yourself; Exercises; Chapter 4: Default Configuration and Security Settings of the Guest VM; Atlas ; Initializing a New Project; Security Concern #1; Booting the Guest OS; Downloading the ubuntu/trusty32 Base Box from Atlas; Default Configuration of a VM; Forwarding Port 2222 on the Host to Port 22 on the Guest; Security Concern #2
Sharing a Project Directory Communication with the Outside World; Analysis of "Songs for kids" in AngularJS; Working with SSH; Working with Multiple Guests; Security Concern #3; Using the authorized_keys File for SSH Authorization; Security Concern #4; Reloading the Guest OS; Summary; In the Next Chapter, You Will Learn . . .; Reading List; Test Yourself; Exercises; Chapter 5: Your First Box; The Task at Hand; Choosing a Base Box and Initializing a New Project; Installing the Necessary Software; Generating a Box; Listing, Installing, and Removing Boxes; Using the Box
Forwarding Ports

Sommario/riassunto

Pro Vagrant teaches you how to effectively implement and optimize Vagrant in your everyday work environment. Master the creation and configuration of virtual development environments with an easy-to-use workflow, and focus on automation. Vagrant lowers development environment setup time, increases development/production parity, and makes the "works on my machine" excuse a relic of the past. DevOps is mainstream best practice nowadays, and Vagrant sits firmly in the DevOps toolkit. This book will take you from basic usage and getting started, to provisioning with Shell, Puppet, and Chef. You will see how to use Vagrant in real-life scenarios, so that you can start to use Vagrant day-to-day in your work. Author Wodimierz Gajda is a Vagrant expert and now brings his experience to you in Pro Vagrant. This is an indispensable book for anyone using Vagrant - add it to your library today.
