1. Record Nr. UNINA9910162921503321

Autore	Marschall Matthias
Titolo	Chef cookbook : master over 80 incredibly effective recipes to manage the day-to-day complications in your infrastructure / / Matthias Marschall
Pubbl/distr/stampa	Birmingham : , : Packt, , 2017
ISBN	1-78646-566-3
Edizione	[Third edition.]
Descrizione fisica	1 online resource (269 pages) : illustrations
Soggetti	Configuration management Technological innovations - Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	Master over 80 incredibly effective recipes to manage the day-to-day complications in your infrastructure About This Book Immediately apply Devops techniques and methods, then combine them with powerful Chef tools to manage and automate your infrastructure Address the growing challenges of code management, cloud, and virtualization with Chef quickly Explore and implement the important aspects of Chef Automate using this recipe-based guide Who This Book Is For This book is for system engineers and administrators who have a fundamental understanding of information management systems and infrastructure. It is also for DevOps Engineers, IT professionals, and organizations who want to automate and gain greater control of their infrastructures with Chef. No experience with Chef is needed, but may help. What You Will Learn Test your cookbooks with Test Kitchen Manage cookbook dependencies with Berkshelf Use reporting to keep track of what happens during the execution of chef-client runs across all of the machines Create custom Ohai and Knife plugins Build a high-availability service using Heartbeat Use a HAProxy to load-balance multiple web servers In Detail Chef is a configuration management tool that lets you automate your more cumbersome IT infrastructure processes and control a large network of computers (and virtual

	machines) from one master server. This book will help you solve everyday problems with your IT infrastructure with Chef. It will start with recipes that show you how to effectively manage your infrastructure and solve problems with users, applications, and automation. You will then come across a new testing framework, InSpec, to test any node in your infrastructure. Further on, you will learn to customize plugins and write cross-platform cookbooks depending on the platform. You will also install packages from a third-party repository and learn how to manage users and applications. Toward the end, you will build high-availability services and explore what Habitat is and how you can implement it. Style and approach This book follows a recipe-based approach and covers all the important topics you need to know. If you don't want to dig through a whole book before you get started, this book is for you, as it features a set of independent recipes you can try out immediately.

2.

Record Nr.	UNINA9910619463003321
Autore	Wang Jung-Chang
Titolo	Polymer Materials in Sensors, Actuators and Energy Conversion
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2022
ISBN	3-0365-5429-7
Descrizione fisica	1 electronic resource (208 p.)
Soggetti	Research & information: general Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Polymer-based materials applications in sensors, actuators, and energy conversion play a key role in recently developing areas of smart materials and electronic devices. These areas cover the synthesis, structures, and properties of polymers and composites, including energy-harvesting devices and energy-storage devices for

electromechanical (electrical to mechanical energy conversion) and magneto-mechanical (magnetic to mechanical energy conversion), light-emitting devices, and electrically driving sensors. Therefore, the modulation of polymer-based materials and devices for controlling the detection, actuation, and energy with functionalized relative device can be achieved with the present reprint, comprising 12 chapters.This reprint is principally concerned with the topic of materials of materials, especially polymers. The contents not only involve essential information but also possess many novel academic applications in the fields. This Special Issue's title is "Polymer Materials in Sensors, Actuators and Energy Conversion" and covers the research field of polymers .Finally, I am very proud of my dear wife Winnie, son Vincent, and daughter Ruby. I thank them for supporting me in finishing the reprint. The reprint, involving 2 reviews and 10 regular papers, has been accomplished, and I am deeply thankful to all the authors for their assistance in producing a reprint with considerable number of chapters. I also hope that readers can achieve some useful understanding of polymer materials in sensors, actuators, and energy conversion, and that that they will be employed by scientists and researchers.