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	Titolo	DevOps in Python : Infrastructure as Python / / by Moshe Zadka
	Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2019
	ISBN	1-4842-4433-8
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (177 pages)
	Disciplina	005.1068
	Soggetti	Python (Computer program language)
		Programming languages (Electronic computers)
		Software engineering
		Management information systems
		Python
		Programming Languages, Compilers, Interpreters
		Software Engineering
		Software Management
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	1: Installing Python -- 2: Interactive Uage -- 3: Packaging -- 4: Operating System Automation -- 5: Testing.-6: Text Manipulation -- 7: Requests -- 8: Cryptography -- 9: Paramiko -- 10: Salt Stack -- 11: Ansible -- Chapter 12: Docker -- Chapter 13: Amazon Web Services.
	Sommario/riassunto	Explore and apply best practices for efficient application deployment. This book draws upon author Moshe Zadka's years of Dev Ops experience and focuses on the parts of Python, and the Python ecosystem, that are relevant for DevOps engineers. You'll start by writing command-line scripts and automating simple DevOps-style tasks. You'll then move on to more advanced cases, like using Jupyter as an auditable remote-control panel, and writing Ansible and Salt extensions. This work also covers how to use the AWS API to manage cloud infrastructure, and how to manage Python programs and environments on remote machines. Python was invented as a systems management language for distributed operating systems, which makes it an ideal tool for DevOps. Assuming a basic understanding of Python

concepts, this book is perfect for engineers who want to move from operations/system administration into coding. .