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Sommario/riassunto	<p>Build, combine, and launch infrastructure in a fast, secure, and effective manner</p> <p>About This Book An up-to-date and comprehensive resource on Terraform that lets you quickly and efficiently launch your infrastructure</p> <p>Learn how to implement your infrastructure as code and make secure, effective changes to your infrastructure</p> <p>Learn to build multi-cloud fault-tolerant systems and simplify the management and orchestration of even the largest scale and most complex cloud infrastructures</p> <p>Who This Book Is For This book is for developers and operators who already have some exposure to working with infrastructure but want to improve their workflow and introduce infrastructure as a code practice.</p> <p>Knowledge of essential Amazon Web Services components (EC2, VPC, IAM) would help contextualize the examples provided.</p> <p>Basic understanding of Jenkins and Shell scripts will be helpful for the chapters on the production usage of Terraform.</p> <p>What You Will Learn Understand what Infrastructure as Code (IaC) means and why it matters</p> <p>Install, configure, and deploy Terraform</p> <p>Take full control of your infrastructure in the form of code</p> <p>Manage complete complete infrastructure, starting with a single server and scaling beyond any limits</p> <p>Discover a great set of production-ready practices to manage infrastructure</p> <p>Set up CI/CD pipelines to test and deliver Terraform stacks</p> <p>Construct templates to simplify more complex provisioning tasks</p> <p>In Detail Terraform is a tool used to efficiently build, configure, and improve production infrastructure. It can manage</p>

existing infrastructure as well as create custom in-house solutions. This book shows you when and how to implement infrastructure as a code practices with Terraform. It covers everything necessary to set up complete management of infrastructure with Terraform, starting with the basics of using providers and resources. This book is a comprehensive guide that begins with very small infrastructure templates and takes you all the way to managing complex systems, all using concrete examples that evolve over the course of the book. It finishes with the complete workflow of managing a production infrastructure as code - this is achieved with the help of version control and continuous integration. At the end of this book, you will be familiar with advanced techniques such as multi-provider support and multiple remote modules. Style and approach This book focuses on providing the practical skills required to make full use of Terrafo...
