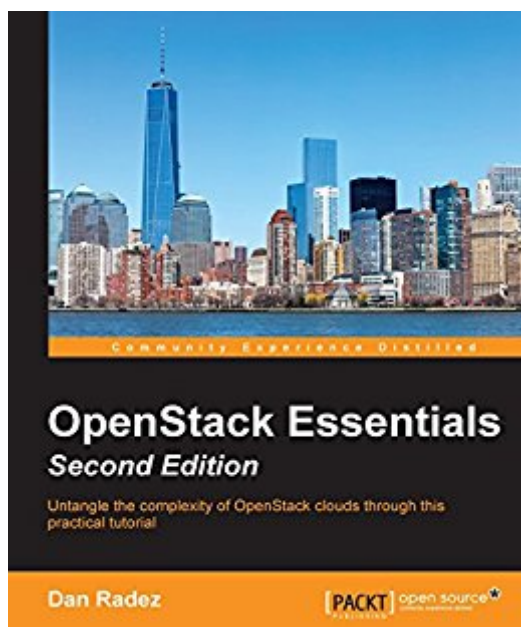# The book was found

OpenStack Essentials – Second Edition

Synopsis

Untangle the complexity of OpenStack clouds through this practical tutorialAbout This BookNavigate through the complex jungle of components in OpenStack using practical instructionsThis book helps administrators, cloud engineers, and even developers to consolidate and control pools of compute, networking, and storage resourcesLearn to use the centralized dashboard and administration panel to monitor large-scale deploymentsWho This Book Is ForThis book is perfect for administrators, cloud engineers, and operators who want to get started with OpenStack, solve basic problems encountered during deployment, and get up to speed with the latest release of OpenStack. Familiarity with the Linux command line and experience with Linux system administration is expected.What You Will LearnBrush up on the latest release, and how it affects the various componentsInstall OpenStack using the Packstack and RDO Manager installation toolLearn to convert a computer node that supports Docker containersImplement Ceph Block Device images with OpenStackCreate and allocate virtual networks, routers and IP addresses to OpenStack Tenants.Configuring and Launching a Docker container. In DetailOpenStack is a widely popular platform for cloud computing. Applications that are built for this platform are resilient to failure and convenient to scale. This book, an update to our extremely popular OpenStack Essentials (published in May 2015) will help you master not only the essential bits, but will also examine the new features of the latest OpenStack release - Mitaka; showcasing how to put them to work straight away.This book begins with the installation and demonstration of the architecture. This book will tech you the core 8 topics of OpenStack. They are Keystone for Identity Management, Glance for Image management, Neutron for network management, Nova for instance management, Cinder for Block storage, Swift for Object storage, Ceilometer for Telemetry and Heat for Orchestration. Further more you will learn about launching and configuring Docker containers and also about scaling them horizontally. You will also learn about monitoring and Troubleshooting OpenStack.Style and approachThis book offers step-by-step practical instructions to help you quickly navigate through the complexities of OpenStack

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Customer Reviews

"OpenStack Essentials - Second Edition" is a clearly written book with updated content as of on Mitaka Openstack release that even a new OpenStack user can find easy to follow.Illustrations are simple and informative. They convey information about the major components in RDO installation.For new OpenStack users, this book will be a valuable reference.It describes the components of OpenStack in an easily understandable way and offers contrasts to other commonly used frameworks (i.e. AWS) to help illustrate how things work.The book begins with an overview of the entire RDO framework and installation, then provides a chapter on each of the major services. The user is given very plain step-by-step instructions on how to install and configure each service, and adequate explanation of why these steps are being taken.

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