

*Creating Open Source Clouds*

*Deploying*

# OpenStack



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*Ken Pepple*

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# Deploying OpenStack

OpenStack was created with the audacious goal of being the ubiquitous software choice for building public and private cloud infrastructures. In just over a year, it's become the most talked-about project in open source. This concise book introduces OpenStack's general design and primary software components in detail, and shows you how to start using it to build cloud infrastructures.

If you're a developer, technologist, or system administrator familiar with cloud offerings such as Rackspace Cloud or Amazon Web Services, *Deploying OpenStack* shows you how to obtain and deploy OpenStack software in a few controlled scenarios.

- Learn about OpenStack Compute (known as "Nova"), OpenStack Object Store ("Swift"), and OpenStack Image Service ("Glance")
- Understand common pitfalls in architecting, deploying, and implementing your cloud infrastructure with OpenStack
- Determine which version of the OpenStack code base best suits your deployment needs
- Define your deployment scenario and finalize key design choices
- Install Nova on a single node with either the StackOps distro or an Ubuntu package
- Be familiar with important configuration options and important administrative commands

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*Ken Pepple*

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## **Deploying OpenStack**

by Ken Pepple

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