



## Openstack in Action

By V. M. Cody Bumgardner

Manning Publications. Paperback. Book Condition: new. BRAND NEW, Openstack in Action, V. M. Cody Bumgardner, DESCRIPTION In the cloud computing model, a cluster of physical computers hosts an environment that provides shared services (public and private) and offers the flexibility to easily add, remove, and expand virtual servers and applications. OpenStack is an open source framework that can be installed on individual physical servers to a cloud platform and enables the building of custom infrastructure (IaaS), platform (PaaS), and software (SaaS) services without the high cost and vendor lock-in associated with proprietary cloud platforms. OpenStack in Action offers real world use cases and step-by-step instructions to develop cloud platforms from inception to deployment. It explains the design of both the physical hardware cluster and the infrastructure services needed to create a custom cloud platform. It shows how to select and set up virtual and physical servers, implement software-defined networking, and the myriad other technical details required to design, deploy, and operate an OpenStack cloud in an enterprise. It also discusses the cloud operation techniques needed to establish security practices, access control, efficient scalability, and day-to-day DevOps practices. RETAIL SELLING POINTS Real world examples Thorough step-by-step instruction Shows how to harness...



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