

## 面向互联网应用的云操作系统的架构设计

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## Architecture Design for Internet Application Oriented Cloud Operating System

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**摘要** 云计算的核心理念是按需提供IT服务, 这对基础设施提供商带来巨大的影响. 介绍以中小企业为主要服务群体的云操作系统INACloud的架构设计, 并且综合考虑实际运维问题、自主创新和开源软件等因素以及面向互联网应用动态多变的资源需求, 重点探讨调度策略、监控设计和计费管理等方面.

**关键词:** [云操作系统](#) [架构](#) [二次开发](#)

**Abstract:** The kernel of cloud computing is to provide IT services on demand, which has great impact on providers of IT infrastructure. An architecture design is proposed for INACloud, a cloud operating system targeted at small and medium enterprises. INACloud tries to obtain a balance among solutions to the operational problems, self-innovation, and open-source software utilization. It is specially designed in resource scheduling, monitoring and accounting to cater for the dynamic resource demands from Internet applications.

**Keywords:** [cloud operating system](#), [architecture](#), [second development](#)

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