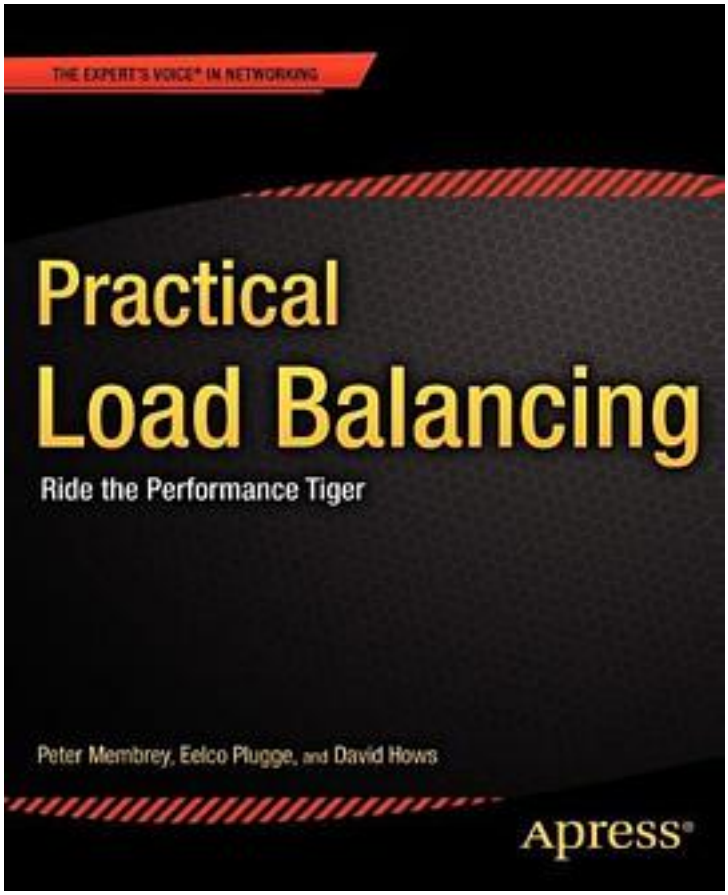
Practical Load Balancing



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The emergence of the cloud and modern, fast corporate networks demands that you perform judicious balancing of computational loads. Practical Load Balancing presents an entire analytical framework to increase performance not just of one machine, but of your entire infrastructure. Practical Load Balancing starts by

introducing key concepts and the tools you'll need to tackle your load-balancing issues. You'll travel through the IP layers and learn how they can create increased network traffic for you. You'll see how to account for persistence and state, and how you can judge the performance of scheduling algorithms. You'll then learn how to avoid performance degradation and any risk of the sudden disappearance of a service on a server. If you're concerned with running your load balancer for an entire network, you'll find out how to set up your network topography, and condense each topographical variety into recipes that will serve you in different situations. You'll also learn about individual servers, and load balancers that can perform cookie insertion or improve your SSL throughput. You'll also explore load balancing in the modern context of the cloud. While load balancers need to be configured for high availability once the conditions on the network have been created, modern load balancing has found its way into the cloud, where good balancing is vital for the very functioning of the cloud, and where IPv6 is becoming ever more important. You can read Practical Load Balancing from end to end or out of sequence, and indeed, if there are individual topics that interest you, you can pick up this book and work through it once you have read the first three chapters. What you'll learn * Judge network load balancing algorithms and when to use them * Plan your network for optimal load balancing performance * Configure single servers to take advantage of modern load balancing software * Learning to use load balancing software like HAproxy, STunnel etc. * Become familiar with implications of IPv6 and the cloud * Improve SSL throughput and seamless application cookie insertion Who this book is for Network engineers, developers and IT managers. Table of Contents Part I: Getting Started 1. Introduction 2. How websites work: what makes them slow 3. Content Caching: keeping the load light 4. DNS based load balancing 5. Content Delivery Networks 6. Planning for Performance and Reliability Part II: Load Balancing Essentials 7. Essential concepts you need to know 8. HTTP load balancing 9. Database load balancing 10. Load balancing your network connection 11. SSL Load Balancing Part III: Load balancing situations 12. Clustering the Load Balancers for High Availability 13. Load balancing in the cloud 14. IPv6: Implications and concepts 15. Where to go next...Appendix 1: Common Terms and Concepts

作者介绍:

作者简介：

Peter Membrey

是获得认证的IT专业人员，拥有15年以上使用Linux和开源方案的实战经验。他17岁就通过了RHCE（Red Hat认证工程师）认证，成为最年轻的认证得主，还曾有幸为Red Hat工作，撰写过介绍开源方案的著作。

EelcoPlugge

本科毕业后就一直对信息安全领域很感兴趣。他曾在McAfee担任数据加密专家。现在，他在利物浦大学攻读信息安全硕士学位，并利用零散时间写书。他持有多个专业证书，并热衷于Linux、网络安全和加密数据等诸多技术方面。

David Hows

来自澳大利亚，以优异成绩毕业于信息与通信技术专业。他热衷系统性能优化和系统安全，并一直坚持在这个枯燥的领域工作。

目录:

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评论

那么多章节，只要阅读了与IPVS相关的章节就可以了。其它的章节由于字数有限，涉及的不够深入。对于LB外行的我还值得一读。

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书评

尽管本书在一开始花了不少篇幅来介绍负载均衡问题的由来和常见方式。但通读之后显而易见，作者的笔墨侧重在横向扩展方面。所以，准确的说，这本书主要介绍的是基于横向扩展（Scale Out）的负载均衡。 纵向扩展（Scale Up）的好处在于维护的是单一系统，不需要进行复杂的配置。...

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http://app.yinxiang.com/shard/s2/sh/5d712a68-798d-4705-8d60-f2e5537929c7/1978fe6b43916ea42635f5b95f8eb093 要想搭建一个站点，其实很简单 1. 注册域名 2. 购买vps或者使用云服务 （互联网大头都在做云。。。） 3. 下载安装CMS建站程序 如果要在国内发布，还得加上下面一...

整体感觉没什么干货，倒是有一些具体解释怎么配置资源的，但是觉得和书名有点不匹配。整体觉得也就第六章比较好。其它的感觉不怎么样。不是很推荐。大家有什么别的相关资料推荐的吗。其实大家可以好好看看别的相关的书。

有工作经验的就不要看这本书了，刚开始学web开发的可以翻一下。好像什么东西都提到一下，但是讲得实在太肤浅。另外这本书最大的问题就是废话实在太多，没有达到一本270多页的技术书应该有的信息量。看这本书可能会浪费您的时间，请谨慎选择。

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