High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications

Jason Cannon

High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications

Jason Cannon

How to Setup a Highly Available LAMP Stack Even If You've Never Done It before, Don't Know Where to Start, or Don't Want to Spend Weeks Researching How to Do It.

This step-by-step guide teaches you everything you need to know in order to eliminate single points of failure for your Linux, Apache, MySQL, and PHP based web applications. Do you wish you could ensure your web site was up all the time and finally enjoy a peaceful night's sleep? Do you want to be able to scale without downtime and handle unexpected surges of traffic? Do you want a solution that just works without spending weeks testing various combinations of technologies and software? Do you want someone to lay it all out for you and walk you through an entire deployment? If so, you're in the right place...

I understand, because I've been there.

I know what it's like to be woken up in the middle of the night when a web server goes down. I don't know about you, but I'm fairly grumpy at 2:47 A.M. when something is broke and I'm the one that has to fix it. That's why I strive to eliminate single points of failure and ensure service availability. I would much rather plan for failure ahead of time than have to react to it. If you have a robust design that's easy to support you can repair any failures at your convenience instead of trying to cobble together a makeshift solution in the middle of the night. I've spent countless hours designing, testing, and implementing high availability solutions for a wide range of Linux based services during my career. I've put together a well designed, well tested solution for the LAMP (Linux, Apache, MySQL, PHP) stack that easily scales to support an increasing number of users all the while decreasing downtime. I've taken each possible single point of failure into account from the obvious ones to the less than obvious edge cases you'll need to cover in order to have a truly robust design.

This architecture and design:

- Works on physical servers. If you're running on bare metal, this design will work for you.
- Works in virtual environments such as VMWare, VirtualBox, Ovirt, Red Hat Enterprise Virtualization (RHEV), KVM, and Xen.
- Works in the cloud -- You'll learn about the important nuances for running in the cloud. This design works whether you're using Amazon Web Services (AWS), Rackspace Cloud, or another provider.
- Scales without downtime…. add more servers or resources without users even noticing.
- Works with custom written web sites and applications that run on the LAMP stack.
- Supports popular open source web applications such as WordPress, Drupal, Joomla, MediaWiki, phpBB, Redmine, SugarCRM, and more.

This demonstrates everything step-by-step...

This is not just a design, though. It's an entire book complete with lessons and demonstrations you can use on actual Linux servers. In the book I'll be performing the demonstrations on Ubuntu servers, but the concepts are the same no matter if you're using RedHat Enterprise Linux, CentOS, or another distribution. The only real difference is the couple of commands you'll use to perform some of the software installations. The design and configurations remain the same.

Apply what you learn to other situations

Even though this course is targeted directly at the LAMP stack (Linux, Apache, MySQL, PHP), the concepts and techniques presented can be reused in a variety of other situations. If you ever need a floating IP, the ability to add more storage to servers without downtime, to balance loads across multiple servers, or deploy a highly available database cluster, you can put what you learn in this course to good use. The only thing between you and web site that stays up all the time is this book. Get started now by scrolling up to the top of the page and clicking on the "Buy now" button.

[Download High Availability for the LAMP Stack: Eliminate Si ...pdf](#)

[Read Online High Availability for the LAMP Stack: Eliminate ...pdf](#)

Download and Read Free Online High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications Jason Cannon

---

From reader reviews:

Beverly Brown:

With other case, little individuals like to read book High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications. You can choose the best book if you want reading a book. So long as we know about how is important a book High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications. You can add understanding and of course you can around the world by the book. Absolutely right, mainly because from book you can know everything! From your country till foreign or abroad you will end up known. About simple point until wonderful thing you are able to know that. In this era, we can open a book or perhaps searching by internet unit. It is called e-book. You should use it when you feel bored to go to the library. Let's learn.

Mark Jones:

Hey guys, do you wants to finds a new book you just read? May be the book with the headline High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications suitable to you? The book was written by well-known writer in this era. The particular book untitled High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applicationsis the main one of several books in which everyone read now. This particular book was inspired lots of people in the world. When you read this e-book you will enter the new way of measuring that you ever know ahead of. The author explained their thought in the simple way, thus all of people can easily to be aware of the core of this book. This book will give you a wide range of information about this world now. To help you to see the represented of the world in this book.

Leslie Jasso:

Can you one of the book lovers? If yes, do you ever feeling doubt if you find yourself in the book store? Aim to pick one book that you never know the inside because don't evaluate book by its include may doesn't work at this point is difficult job because you are scared that the inside maybe not while fantastic as in the outside appearance likes. Maybe you answer might be High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications why because the amazing cover that make you consider in regards to the content will not disappoint you. The inside or content is usually fantastic as the outside or perhaps cover. Your reading sixth sense will directly guide you to pick up this book.

Rebecca Lopez:

As we know that book is important thing to add our information for everything. By a e-book we can know

everything we want. A book is a set of written, printed, illustrated or even blank sheet. Every year has been exactly added. This guide High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications was filled concerning science. Spend your time to add your knowledge about your research competence. Some people has diverse feel when they reading a new book. If you know how big good thing about a book, you can sense enjoy to read a reserve. In the modern era like today, many ways to get book you wanted.

Download and Read Online High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications Jason Cannon #3RKO7GLF6VW

Read High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications by Jason Cannon for online ebook

High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications by Jason Cannon Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications by Jason Cannon books to read online.

Online High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications by Jason Cannon ebook PDF download

High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications by Jason Cannon Doc

High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications by Jason Cannon Mobipocket

High Availability for the LAMP Stack: Eliminate Single Points of Failure and Increase Uptime for Your Linux, Apache, MySQL, and PHP Based Web Applications by Jason Cannon EPub