



# Pro Linux High Availability Clustering

By Sander van Vugt



## Pro Linux High Availability Clustering By Sander van Vugt

*Pro Linux High Availability Clustering* teaches you how to implement this fundamental Linux add-on into your business. Linux High Availability Clustering is needed to ensure the availability of mission critical resources. The technique is applied more and more in corporate datacenters around the world. While lots of documentation about the subject is available on the internet, it isn't always easy to build a real solution based on that scattered information, which is often oriented towards specific tasks only. *Pro Linux High Availability Clustering* explains essential high-availability clustering components on all Linux platforms, giving you the insight to build solutions for any specific case needed.

In this book four common cases will be explained:

- Configuring Apache for high availability
- Creating an Open Source SAN based on DRBD, iSCSI and HA clustering
- Setting up a load-balanced web server cluster with a back-end, highly-available database
- Setting up a KVM virtualization platform with high-availability protection for a virtual machine.

With the knowledge you'll gain from these real-world applications, you'll be able to efficiently apply Linux HA to your work situation with confidence.

Author Sander Van Vugt teaches Linux high-availability clustering on training courses, uses it in his everyday work, and now brings this knowledge to you in one place, with clear examples and cases. Make the best start with HA clustering with *Pro Linux High Availability Clustering* at your side.

### What you'll learn

- Design Linux high availability clusters
- Set up an environment to protect mission critical applications
- Connecting servers in a redundant way to the SAN
- Create an affordable SAN based on open source software
- Set up clusters for protection of Oracle and SAP workloads
- Write your own cluster resource script
- Create an open source SAN
- Create a free hypervisor using KVM as the virtualization platform

- Set up a versatile, fault-tolerant, high-performance web shop

### **Who this book is for**

This book is for technical skilled Linux system administrators that want to learn how they can enhance application availability by using Linux High Availability clusters.

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### Editorial Review

#### About the Author

Sander van Vugt is an independent trainer and consultant, living in the Netherlands and working throughout the European Union. He specializes in Linux and Novell systems, and has worked with both for more than 10 years. Besides being a trainer, he is also an author, having written more than 20 books and hundreds of technical articles. He is a Master Certified Novell Instructor (MCNI) and holds LPIC-1 and -2 certificates, as well as all important Novell certificates.

### Users Review

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##### Percy Cole:

Why? Because this Pro Linux High Availability Clustering is an unordinary book that the inside of the reserve waiting for you to snap this but latter it will zap you with the secret the item inside. Reading this book next to it was fantastic author who have write the book in such remarkable way makes the content interior easier to understand, entertaining means but still convey the meaning entirely. So , it is good for you because of not hesitating having this ever again or you going to regret it. This book will give you a lot of benefits than the other book have such as help improving your expertise and your critical thinking technique. So , still want to hold up having that book? If I ended up you I will go to the reserve store hurriedly.

##### Cleveland Wheeler:

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##### Robert Hatch:

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