Postfix: The Definitive Guide

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Postfix is a Mail Transfer Agent (MTA): software that mail servers use to route email. Postfix is highly respected by experts for its secure design and tremendous reliability. And new users like it because it’s so simple to configure. In fact, Postfix has been adopted as the default MTA on Mac OS X. It is also compatible with sendmail, so that existing scripts and programs continue to work seamlessly after it is installed. Postfix was written by well-known security expert Wietse Venema, who reviewed this book intensively during its entire development. Author Kyle Dent covers a wide range of Postfix tasks, from virtual hosting to controls for unsolicited commercial email. While basic configuration of Postfix is easy, every site has unique needs that call for a certain amount of study. This book, with careful background explanations and generous examples, eases readers from the basic configuration to the full power of Postfix. It discusses the Postfix interfaces to various tools that round out a fully scalable and highly secure email system. These tools include POP, IMAP, LDAP, MySQL, Simple Authentication and Security Layer (SASL), and Transport Layer Security (TLS, an upgrade of SSL). A reference section for Postfix configuration parameters and an installation guide are included. Topics include:

- Basic installation and configuration
- DNS configuration for email
- Working with POP/IMAP servers
- Hosting multiple domains (virtual hosting)
- Mailing lists
- Handling unsolicited email (spam blocking)
- Security through SASL and TLS

From compiling and installing Postfix to troubleshooting, Postfix: The Definitive Guide offers system administrators and anyone who deals with Postfix an all-in-one, comprehensive tutorial and reference to this MTA.

**Book Information**

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After many years bashing my head against sendmail in all its gory details I had amassed a fair amount of knowledge and documentation on handling the Mail Transfer Agent (MTA) in Linux and Mac OS X. This caused a fair amount of teeth gnashing when I discovered it had gone the way of all flesh in OS X Panther to be replaced with Postfix. Fortunately, my first needs were simple and I came to realise that Postfix was a much easier system to install and maintain. Now that my needs are more complex, I was glad when this book hit my desk at exactly the same time as I started upgrading the corporate servers from Mac OS 9 to OS X Server. Postfix: The Definitive Guide seems to fit the bill. It is a well-written and well-constructed guide to mail systems in general and Postfix in particular. The book starts with a good overview of the underlying technology in Chapters 1 and 2. I can’t blame Dent for my slight confusion in the section on addresses and headers - having RFC822 superseded by RFC2822 was just a little too much coincidence for this particular “bear of little brain.” He then follows it with a chapter discussing Postfix’s architecture, important since Postfix uses a much more modular approach than the sendmail monolith, with each part of the mail handling process a different executable and the single queue turned into five. Once the background is well covered, Dent then gets onto the nitty-gritty of configuring and administering Postfix. He has certainly covered everything I needed, including spam handling, multiple domains, relaying, SASL authentication and using LDAP.

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