Postfix-Cyrus-Web-cyradm-HOWTO

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This document guides you through the installation of the Postfix mail transportation agent (MTA), the Cyrus IMAP server. The goal is a fully functional high-performance mailsystem with user-administration with Web-cyradm, a webinterface. Data like virtualusers, aliases etc. are stored in a mysql database.

1. Introduction

The cyrus part is only valid for Cyrus-IMAP 2.1.x and Cyrus-SASL 2.1.x. If you plan to use Cyrus-IMAP 2.0.x then please consult the deprecated version 1.0.x of this HOWTO.

I strongly recommend that you upgrade to Cyrus Version 2.1.x. If you do so, you will have a better ability to get valuable support from the user community

1.1. Contributors and Contacts

First I would thank all those people who sent questions and suggestions that made the further development of this document possible. It shows me that sharing knowledge is the right way. I would encourage you to send me more suggestion, just write me an email `<luc at delouw.ch>`

1.2. Why I wrote this document

There are different approaches on how to set up different mailsystems. Most documents that are available are related to Sendmail, procmail, WU-IMAPd and friends. These packages are very good but are unfortunately very inflexible in their user administration.

For a long time I was testing alternative MTA's like qmail, postfix and exim, in conjunction with IMAP/POP-servers like Cyrus, vpopmail, Courier IMAP and others.

At the end of the day, from my point of view the couple Postfix/Cyrus seems to be the most flexible and best performing solution.

All these combinations of software had one thing in common: their was very little documentation available describing how these packages work together with each other. To install the software, lot of effort has be spent to get all information needed to get all the software running.

1.3. Copyright Information

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You are strongly recommended to take a backup of your system before major installation and backups at regular intervals.

1.5. New Versions

New version of this document are announced on freshmeat

The latest version of this document can be obtained from http://www.delouw.ch/linux

- HTML (http://www.delouw.ch/linux/Postfix-Cyrus-Web-cyradm-HOWTO/html/index.html).
- Postscript (ISO A4 format) (http://www.delouw.ch/linux/Postfix-Cyrus-Web-cyradm-HOWTO/Postfix-Cyrus-Web-cyradm-HOWTO.ps).
- Acrobat PDF (http://www.delouw.ch/linux/Postfix-Cyrus-Web-cyradm-HOWTO/Postfix-Cyrus-Web-cyradm-HOWTO.pdf).
- SGML Source (http://www.delouw.ch/linux/Postfix-Cyrus-Web-cyradm-HOWTO/Postfix-Cyrus-Web-cyradm-HOWTO.sgml).
- HTML gzipped tarball (http://www.delouw.ch/linux/Postfix-Cyrus-Web-cyradm-HOWTO/Postfix-Cyrus-Web-cyradm-HOWTO.tar.gz).

1.6. Credits

- Martynas Bieliauskas <`martynas at inet.lt`> submitted a good idea how to restrict the cyrus admin to localhost only.
- Michael Muenz <`m.muenz at maxonline.de`> for his help with SMTP Authentication

- Ron Wheeler `<rwheeler at artifact-software.com>` for his help with editing for readability
- The nice people at `< discuss at tldp.org>` for supporting me in writing the HOWTOs.

1.7. Feedback

Feedback is most certainly welcome for this document. Without your submissions and input, this document wouldn't exist. Please send your additions, comments and criticisms to the following email address : `<luc at delouw.ch>`.

Please understand, that I don't want to add Cyrus-IMAP 2.0.x related stuff in this document anymore.

1.8. Translations

At the moment no translations are available. A German translation is planned and would be written by me as soon as I get the time.

Translations to other languages are always welcome. If you translate this document, please translate the SGML source. Please let me know if you begin to translate, so I can set a link here.

2. Technologies

2.1. The Postfix MTA

> Postfix attempts to be fast, easy to administer, and secure, while at the same time being sendmail compatible enough to not upset existing users. Thus, the outside has a sendmail-ish flavor, but the inside is completely different.
>
> —www.postfix.org