

# Zarafa is the fastest performing mail system

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## Introduction

In a partnership with IBM, Zarafa and Capgemini a new email record has been set. Using a setup of one single machine with local storage our engineers were able to have 4000 active users with a MMB3 score as low as 85 milliseconds!

**Users: 4000**

**MMB3 active response time: 85 millisecond**

## Configuration of the hardware:

IBM x3650, 2x X5650, 48GB, 12x 50GB SSD (raid 0), 4x 146GB 15K SAS (raid 0).

## Configuration of Zarafa 7.0

Default setup with build Zarafa 7.0 using RedHat, MySQL and Postfix. Attachments were stored on SAS disk. OS and database on SSD.

## Advantages of Zarafa

Zarafa is the only scalable full enterprise collaboration MS Exchange replacement available and includes full ActiveSync compatibility. Zarafa uses standard Linux packages such as the Apache web server, Postfix email server and MySQL database. Due to the use of open-source it is highly flexible, scalable and can be interconnected with all leading open source packages. The use of the high performance database system makes it possible to be extremely scalable and delivering the highest possible performance.

## About the MMB 3 profile

MMB 3 is the profile used in Microsoft Exchange Load Simulator 2003. It is a benchmarking tool used to test how a server responds to mail load. The LoadSim score, is the weighted average on the response time versus load curve of several LoadSim actions. The response time is given in milliseconds. The lower the score the faster the system was able to respond to the applied simulated load of the given number of users.



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Zarafa is the leading European provider of open source groupware and collaboration software. Headquartered in Delft (NL), the Zarafa offices in Stuttgart, Hannover and Belo Horizonte (Brazil) provide local sales and support to hundreds of partners and thousands of customers worldwide. The seamless integration of the Zarafa Collaboration Platform with Outlook, Zarafa's webaccess and its compatibility with almost all mobile phones enhances 'anywhere and anytime' accessibility'.