Openemail Overview and Support

Openemail: It is Free, Open Source, and Dockerized Mail Server

It is your mail server. It is Open Source. It is production ready. It is secure. It is fast. Zero initial configurations. It can be deployed in few minutes. It can be updated in few minutes. It is license free and limitless. Use it for your business. Earn money by selling support. Use it as a comprehensive production use case lab in your Docker training at least.

At Cybergate our effort is to consolidate the best available open source email, collaboration, and email security solutions to provide you highly agile, secure, and enterprise ready world class, Open Source email and collaboration platform that can easily replace any other equivalent commercial alternative.

We have borrowed some excellent ideas from existing dockerized email projects, specially from **Mailcow** and **MailU** But we are significantly different from them specially in the areas of comprehensive deployment guide, LDAP Directory, Virtual Directory based on "myvd", Microsoft AD integration, Resource Booking ,and Global Address support via SOGo groupware and we adding new features contentiously.

Email and collaboration with ActiveSync

You can sync and share email, tasks, contacts, Calendars, GAL, and resource booking between, Microsoft Outlook Android, iPhone, BlackBerry 10 or any other ActiveSync capable device or application.

Integrated Web UI

Our administration **Web UI** started as fork of Mailcow project and extending it with as we are adding new features. We are deeply indebted to their excellent effort in making such a good consolidation of all complex backend email tools into a single pane of **Web UI** by making it very easy for administrators to manage the system without using complex command line tools and configuration file editing. The built-in Ldap Directory is based on OpenLDAP and web based UI from FusionDirectory

Running on Docker Containers and Cloud Ready

All the backend applications of Openemail are running in **Docker Containers** by making Openemail a software that is ready to deploy in your private or public cloud infrastructure and utilize the benefit of agility and elasticity of modern day cloud computing.

Following figure depicts how Openemail docker containers are interconnected internally and how they are being accessed externally.
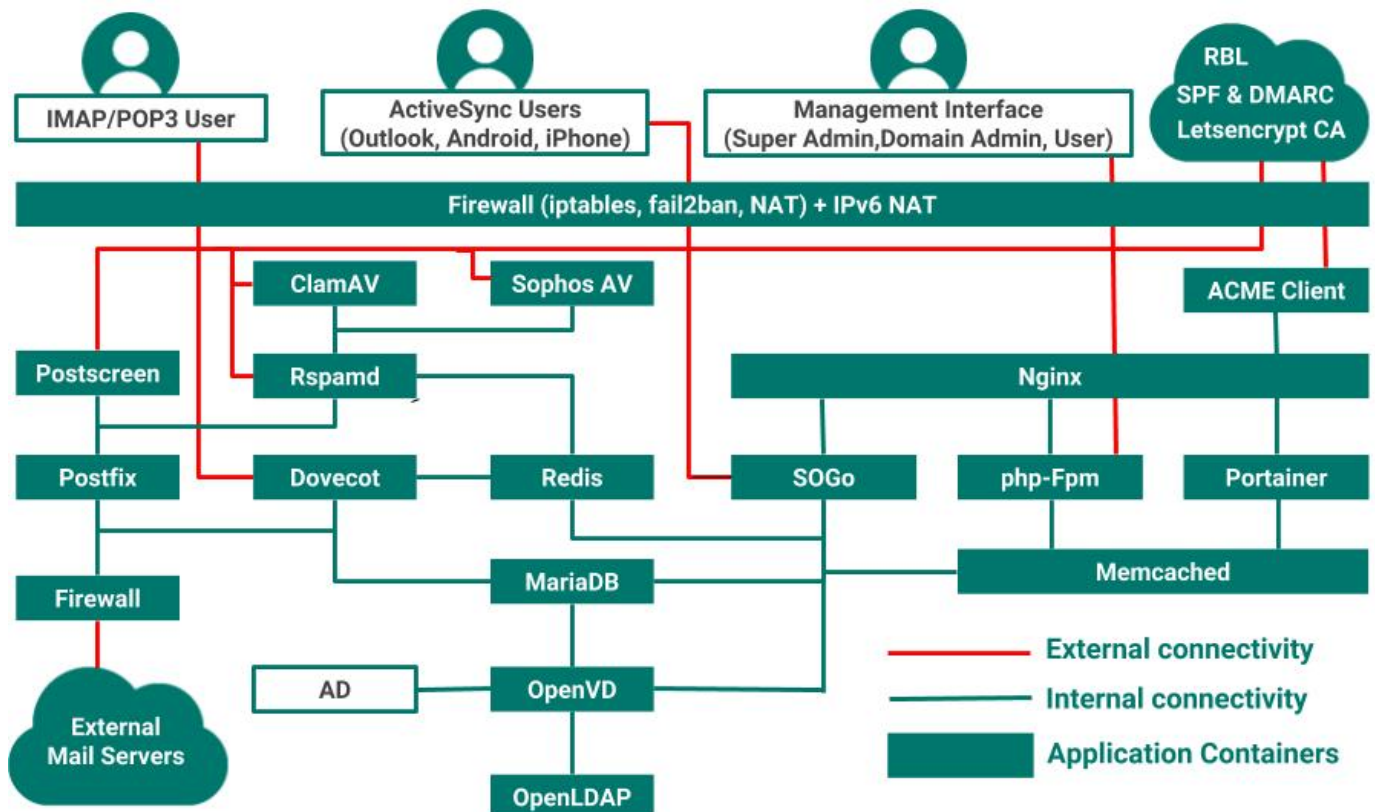
Highly Scalable

Openemail has been designed to work as a highly scalable and agile software which you can use it to host from few mailboxes to millions of mailboxes which are required by services providers.

Deploy it Yourself

As like any other open source software you are free to use Openemail at your own risk. But make no worries. You can deploy it using this comprehensive deployers guide which is your heritage from us and our strength. Honestly speaking you will take less than **five** minutes to installer once your docker host is readu

Commercially Supported

Our enterprise support subscriptions are supporting unlimited mail domains and accounts while our subscription is an annual SLA which is confined to a several levels of support channels and types together with the virtual of physical hardware server profile of the system that you will be using to deploy Openemail. You can have both on premise and hosted solution under these subscription contracts. But all these optional and not required as Openemail is 100% free.

Openemail Demo

You can find a demo at hasuna.cybergatelab.com, use the following credentials to login:

- **Administrator**: admin / openemail
- **Domain administrator**: admincybergatelab / openemail
- **Mailbox**: demo@cybergatelab.com / openemail

Get Support

If you think that you need our support then we are ready to help you. We have several ways of giving you support.

Commercial Support

For commercial support contact sales@cybergate.lk or get a support subscription at Cybergate.

Community Support

- IRC @ Freenode, #openemail
- GitHub @ openemail

Hosted Openemail

A fully featured managed **openemaill** is also available. Please contact Amila on +(94)77 316 545 for more details

Service Level Agreement

You can download our **Support Level Agreement Here** and review it before contacting our sales hot-line **+(94) 766 783 783** for further details

Migrate to Openemail at No Cost

We are happy to announce you that you can easily migrate from Zimbra, Microsoft Exchange or Office 365 hosted email or any other email service without compromising any of those major email and collaboration features like Addressbook, Calendar, Task and Contact sharing, public folders, resource sharing, Microsoft Outlook and Mobile Sync with native ActiveSync protocol.

Openemail is Absolutely Free

You are well aware that email is by far the most widely used business application of the Internet. From a single owner business to a large enterprise primarily rely on email as their first line of business communication. The intention of this comprehensive free guide is to help you getting **Openemail deployed free** if you have in house systems engineering skills. Openemail is 100% free in terms of software licensing that blocks you from scaling your business.

Security is Our Priority

Openemail thinks that security is a priority. Currently Openemail supports almost all DNS based email security features like SPF,DKIM, DMARC etc,

It is backed by Rspamd, a fast, free and open-source spam filtering system where you do not need to make any other investment on spam filtering.

Integrated Sanesecurity ClamAV signatures will improve ClamAV detection rate on Macro malware, Javascript malware, Phishing, Spam and other emailed Ransomware upto 90%. This makes your emails free from viruses and malware without an additional financial investment.

Openemail supports two-factor authentication for Web UI making it more secure when using web based administration

Per User Spam Filtering

You can fine grain Openemail's spam filtering backend per email box basis by making it is the most flexible in spam managing.

Backup and Restore

Openemail has provided you all required tools for backing up and restoring by helping administrators to have goodnight sleep and enjoy their holidays. You can sync your backup to your own FTP server or any other public cloud storage like Amazon S3, Google Bucket or any other.

Domain Based Administration with Two-Factor Authentication

Openemail supports multiple domains in a single installation with domain based administration making the delegation of administration is breezy, easy, and secure.

Web UI Feature Overview

The integrated **openemail UI** allows administrative work on your mail server instance as well as separated domain administrator and mailbox user access:

- DKIM and ARC support

- Black- and whitelists per domain and per user

- Spam score management per-user (reject spam, mark spam, greylist)

- Allow mailbox users to create temporary spam aliases

- Prepend mail tags to subject or move mail to sub folder (per-user)

- Allow mailbox users to toggle incoming and outgoing TLS enforcement

- Allow users to reset SOGo ActiveSync device caches

- imapsync to migrate or pull remote mailboxes regularly

- TFA: Yubi OTP and U2F USB (Google Chrome and derivatives only), TOTP

- Add domains, mailboxes, aliases, domain aliases and SOGo resources

- Add whitelisted hosts to forward mail to Openemail

- Fail2ban-like integration

- Openldap Directory with Fusiondirectory Web UI

- A lot more...

Openemail Containers

Openemail comes with multiple containers linked in one bridged network. Each container represents a single application.

- Dovecot

- ClamAV (optional)

- Solr (optional)

- Memcached

- Redis

- MySQL

- Unbound

- PHP-FPM

- Postfix

- ACME-Client

- Nginx

- Rspamd

- SOGo

- Netfilter

- Watchdog

- Portainer

- Openldap

- openldap-backup

- Openvd

- auto-backup

Docker Data Volumes

The following **Docker volumes** are used to keep dynamic data - take care of them!

- vmail-vol-1

- solr-vol-1

- redis-vol-1

- mysql-vol-1

- rspamd-vol-1

- postfix-vol-1

- crypt-vol-1

- ldap-vol-1

- backup-vol-1