



DATASHEET

OX Dovecot Pro

Upgrade to the No. 1 IMAP server

The No. 1 IMAP Server, for Complete Confidence

Large-scale solutions, reliable delivery and a high quality of service require a specially built infrastructure. For this reason Open-Xchange builds OX Dovecot Pro. With more than 4 million server installations and 75% market share OX Dovecot Pro is clearly the number-one IMAP server in the world.

Scalability and Stateless Design

OX Dovecot Pro scales dynamically in response to even the highest of loads. Its stateless design lets it scale both up and out to meet today's most demanding of requirements. Capacity can easily be increased by simply plug in more hardware and activating additional virtual machines.

This is all done with no interruptions to service and makes maintenance simple and transparent.

Professional Services, Support, and Maintenance

In high volume or quality cloud-based service scenarios value of reliability, performance and peace of mind can't be underestimated. OX Dovecot Pro provides this inherently. Also Dovecot and Open-Xchange experts are always at hand to assist with initial architecture design, optimization of configurations, support for deployment automation, clustering strategies, ensuring robust high-availability setups and much more.

Reliability & performance with a stateless architecture

Service providers' mail storage needs continue to grow every year – posing a costly challenge when your core business value doesn't lie in a cloud infrastructure. Assuring service availability while simultaneously reducing operation costs is tricky. For a telco or hosting provider, the availability, cost savings, and TCO benefits of deploying OX Dovecot Pro quickly add up.

Economical email storage, on premise or in the cloud

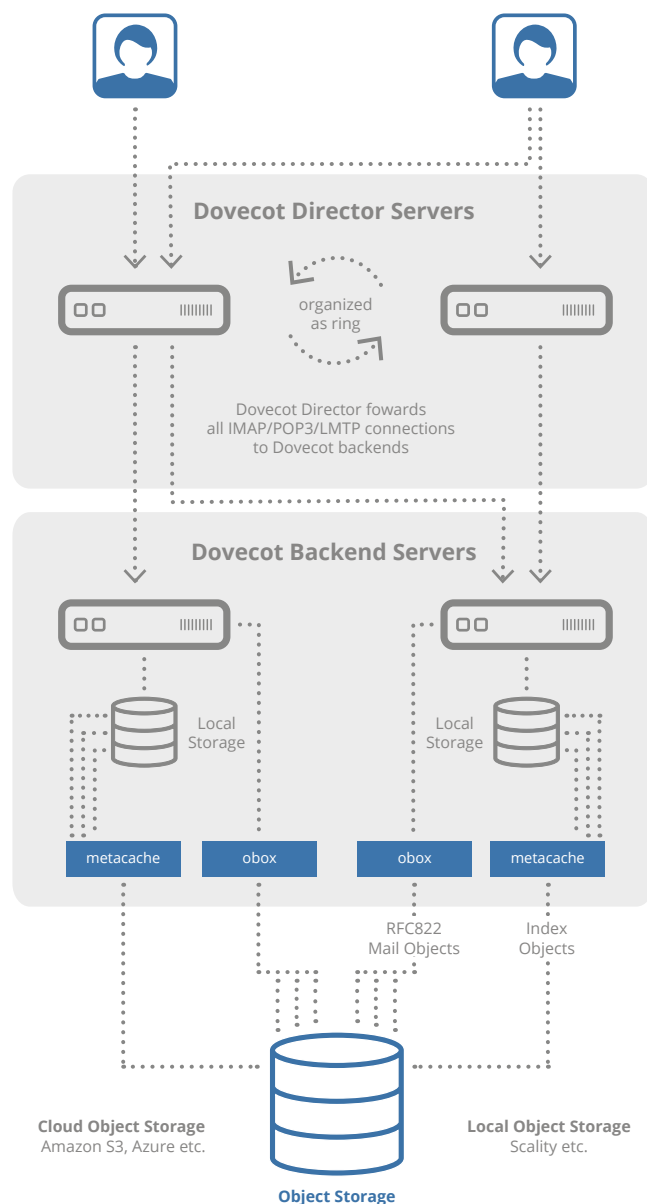
Email storage demands are growing steadily at about 40% per year. When users will be given an email solution, the provider must be careful that the profits and costs always stay in the right balance. OX Dovecot Pro has proven to be highly economical while still giving you the power of choice. You can store email data with either cloud or local "in-house" solutions. In addition, low-cost object-storage systems with replication represent a solid alternative to traditional, expensive SAN/NAS storage systems. This offers providers the potential to save a significant chunk of their storage costs.

Reliability and resilience

For service providers, reliability is key. Noticeable downtime or loss of data is never an option. This is why Open-Xchange works closely with object storage vendors to produce solutions that are always fast and reliable. OX Dovecot Pro is a high-availability, stateless solution that uses clustering and provides a large amount of built-in redundancy. Each component can be shut down for maintenance or upgraded without service availability being affected. It protects against breaks in service while also delivering a system that grows seamlessly. Finally, Open-Xchange and Dovecot experts provide top-notch support, which adds an additional level of reliability: 24/7 Platinum Support, for complete peace of mind around the clock.

Security × 3

At Open-Xchange and Dovecot, we devote a lot of attention to security, and data privacy is very important to us. OX Dovecot Pro applies a mature implementation with three levels of security. The first is general security for all levels of OX Dovecot Pro. Its software architecture is designed to minimize the likelihood and impact of any security issues. At regular intervals, there are code reviews and constant static source code analysis with multiple tools, alongside independent code reviews by third-party analysts. Second is secure storage of email. All messages can be stored in encrypted form in the chosen storage environment. Finally, OX Dovecot Pro and OX Abuse Shield protects against WebMail, IMAP, and POP abuse specifically. Use in combination with OX App Suite creates yet another level of security – OX Guard lets users use PGP-based encryption for both emails and files.



Protection from login abuse – OX Abuse Shield

OX Abuse Shield handles the problem of login abuse in WebMail, IMAP, and POP connections. It extends service providers' existing protection against SMTP abuse with the possibility of competing with and outrunning over-the-top services. Deceptive login attempts can be blocked on the basis of DNS look-ups, custom lists, DNS interrogation, and native GeolIP look-up support. It comes with a completely flexible and clustered policy engine. Also, its use of a customizable Lua scripting language enables easy integration of OX Abuse Shield into existing applications and meeting even the most exceptional of customer-specific needs.

Legal compliance with lawful interception

With OX Dovecot Pro, service providers are guaranteed hasslefree compliance with legal requirements, through a flexible interception framework. Whenever necessary, it supports the interception of IMAP and POP3 protocol events, LMTP deliveries, appended messages, and more. Legal-interception vendors can be added, and the intercepted data can be exported to local disks or object storage.

Migration made easy

Once the system is fully tested and ready to go, users need to be migrated. The OX Dovecot Pro Migration Framework moves over users' emails seamlessly, in the background and without interruption. Visualization of the IMAP migration adds additional transparency. The Open-Xchange and Dovecot professionals have extensive experience with large-scale migrations of millions of mailboxes from cloud and proprietary solutions. They can assist you throughout the migration process.

The benefits of synergy

OX Dovecot Pro and OX App Suite offer service providers the complete stack, all from one source. The Open-Xchange and Dovecot developers cooperate closely so that the two solutions work seamlessly together. For example, features recently released for OX Dovecot Pro and OX App Suite have been developed hand-in-hand. In addition, customers benefit from one-stop support: a single service point puts experts in both the back-end and the front-end solution at your disposal.

Why go OX Dovecot Pro

Dovecot began as an Open Source project aimed at making email easier to maintain and more secure. Since 2002, it has provided a reliable, high-performance IMAP email system, and it rapidly became the market leading solution. A few years ago, OX Dovecot Pro was developed, specifically for today's largescale enterprise deployments. It provides premium features responding to the demands of an enterprise environment. In addition, OX Dovecot Pro offers business-grade SLA-driven support and maintenance. This service makes sure that even the most heavily customized systems are always up to date and run at peak efficiency.

The following table compares OX Dovecot Pro to the Open Source ('Community') version.

	Community Version	OX Dovecot Pro
Native Full-Text Search	×	✓
Object & Archive Storage	×	✓
Dovecot Migration Framework	×	✓
Customized Provisioning	×	✓
OX Dovecot Pro Lawful Interception	×	✓
OX Abuse Shield	×	✓
Optimization & Certification for OX App Suite and OXaaS	×	✓
Professional Services	×	✓
Support & Maintenance	×	✓

OX Dovecot Pro benefits

- A trustworthy, market-leading solution with more than 4 million IMAP servers live
- Dynamic scalability – support for scaling up and out as required
- Completely stateless design, to ensure availability at all times
- Object-storage-based geo-replication and intelligent caching
- Dovecot full-text search, saving up to 70% on storage requirements
- OX Abuse Shield, protecting against login abuse
- A migration framework to support smooth transitions
- Advanced tools for statistics, monitoring, and administration
- Compliance with legal requirements via a flexible interception framework
- Optimization to work with OX App Suite, with a single point of contact for support and assistance with back-end and front-end solutions
- Dovecot and Open-Xchange professionals who support performance optimization through system-specific design and architecture
- Access to dedicated OX Dovecot Pro repositories
- Availability of full software maintenance: patches, security fixes, updates, and upgrades
- 24/7 or 8/5 help-desk support from Dovecot and Open-Xchange experts

