



## DATASHEET

# Scale Up to the Best IMAP Server: **Dovecot Pro**

### **The #1 IMAP Server, for Complete Confidence**

Large-scale solutions and reliable delivery of high-quality email service require an infrastructure that is specially built for this job. That's why Open-Xchange offers you the market-leading IMAP server solution in the world: Dovecot. With more than 4 million server installations and a 72% market share, this is clearly the number-one IMAP server in the world.

### **Scalability and Stateless Design**

Dovecot Pro is designed to scale dynamically in response to even the highest of loads. Its stateless design provides the ability to meet today's most demanding requirements and to scale up and out. Need additional capacity? Simply plug in more hardware and activate additional virtual machines, without any need to worry about interruptions in service. This flexible approach makes maintenance and servicing both simple and transparent.

### **Professional Services, Support, and Maintenance**

When you need to deal with high volumes and provide quality cloud-based services, the value of reliability, performance, and peace of mind can't be underestimated. Dovecot Pro provides all this and far more. The Dovecot and Open-Xchange experts are always at hand to assist with everything: the initial architecture design, optimization of the configuration, support for deployment automation, the clustering strategy, and ensuring robust high-availability setups.

Finally, your subscription comes with full software maintenance and support, patches, security fixes, updates, and upgrades. In short, the people who develop the product support your business.

# 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 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 Dovecot Pro quickly add up.

## Economical Email Storage, on Premise or in the Cloud

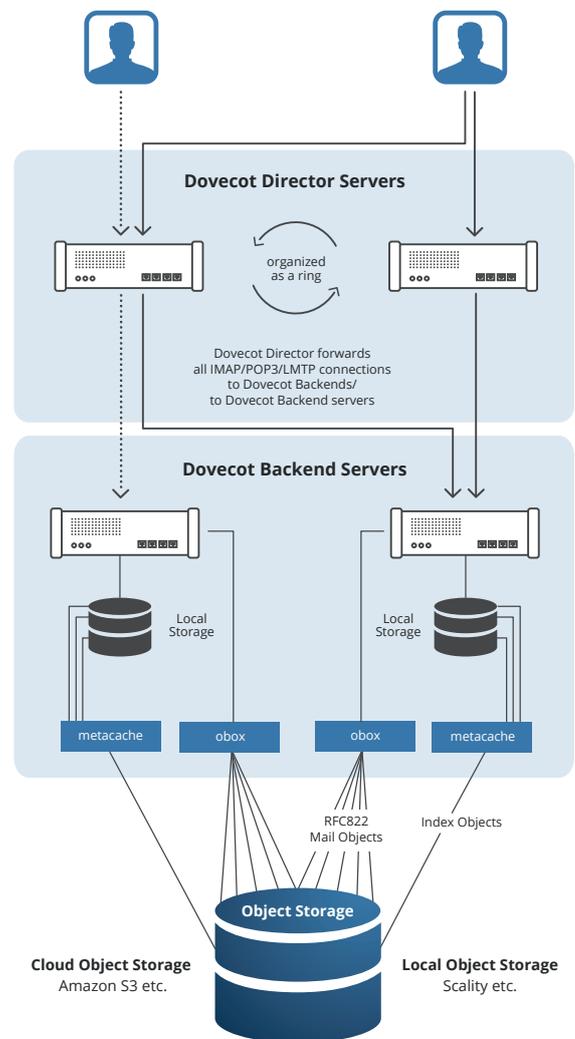
Email storage demands are growing steadily at about 40% per year. When users will be given an email solution, the provider must be careful that the profits and costs always stay in the right balance. Dovecot Pro has proven to be highly economical while still giving you the power of choice. You can store 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. 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 x 3

At Open-Xchange and Dovecot, we devote a lot of attention to security, and data privacy is very important to us. Dovecot Pro applies a mature implementation with three levels of security. The first is general security for all levels of 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, Dovecot Anti-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 - Dovecot Anti-Abuse Shield

Dovecot Anti-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 GeolP 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 Dovecot Anti-Abuse Shield into existing applications and meeting even the most exceptional of customer-specific needs.

### Legal Compliance with Lawful Interception

With Dovecot Pro, service providers are guaranteed hassle-free 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 Dovecot Pro Migration Framework moves over users' email 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 Synergies

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 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 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, Dovecot Pro was developed, specifically for today's large-scale enterprise deployments. It provides premium features responding to the demands of an enterprise environment. In addition, 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 Dovecot Pro to the Open Source ("Community") version.

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

## Benefits of Dovecot Pro

- 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
- Dovecot Anti-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 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

