

## Zentyal for Hosting Providers

### The Alternative to Microsoft® Hosted Exchange

Zentyal is the only vendor worldwide to offer hosting providers a native drop-in replacement to Microsoft's® Hosted Exchange Server. Unlike other solutions, no Microsoft Outlook® connector or plug-in is required.

Pure channel solution

Native interoperability with Microsoft® Outlook

More business opportunities: Cloud files sharing, Easy integration, White labelling

Control over the technology: Open components, reliable and scalable

Competitive pricing and multi-tenant setup



### Zentyal for Hosting Providers

**Email is one of the most critical services used by businesses** of all sizes and large volume of critical business data is processed and stored by the mail systems daily. In order to **guarantee maximum uptime of the mail service with a minimum investment** in IT staff, hardware and software, a growing number of organizations - specially SMBs - are choosing a **hosted email solution** for their business.

Ever since the release of Microsoft® Exchange Server 5.5 in 1997, a large number of hosting providers have been delivering hosted email solutions based on this technology. However, as Microsoft® decided to **enter the hosted email market with Office 365™** and the support options for popular Microsoft® Exchange Servers keep expiring, the **traditional Microsoft® Hosted Exchange Providers are left with few options**: Become Office 365™ resellers losing control over their business, technology and customer data, or deploy *Zentyal for Hosting Providers*, a unique mail solution that is natively interoperable with Microsoft® Outlook, giving them back the control over the technology and data on which their businesses are built on.

Zentyal offers a unique and very interesting mail solution for traditional Microsoft® Hosted Exchange Providers, because it is **only vendor worldwide - besides Microsoft® - to offer native interoperability with Microsoft® Outlook**. Users **can continue using their mail clients without any interruption** or the need to install additional software or connectors on their mail clients.

In addition to offering a natively Microsoft® Outlook compatible mail server, *Zentyal for Hosting Providers* comes by default with **mobile phone synchronization, modern webmail, integrated cloud file sharing service and API access** for the hosting providers. Moreover, it offers scalable, multi-tenant setup with High Availability, getting the hosting provider back in control over both the technology and the data, **all for a significantly lower TCO**.



## Zentyal Mail Native Replacement for Microsoft® Exchange

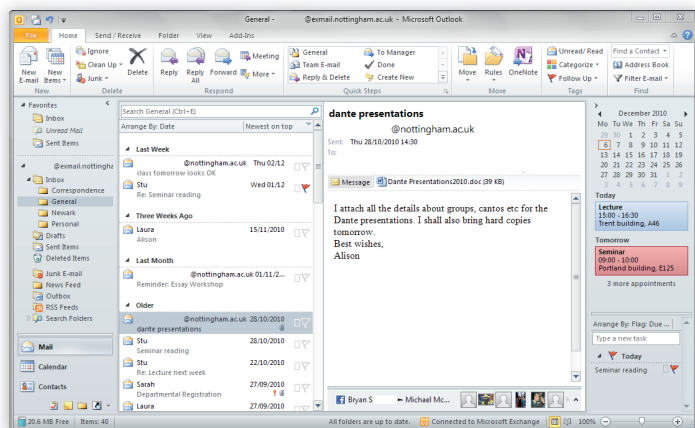
Zentyal is the only vendor worldwide to offer a native drop-in replacement for Microsoft® Exchange Server, that is fully compatible with Microsoft Outlook® and mobile devices with ActiveSync®.

### Email, Calendars & Contacts

Businesses have become heavily dependant on Microsoft® environments and employees are used to rely on features such as shared contacts and calendars, Global Address Lists or public folders provided by Microsoft Outlook® to carry out their daily work. *Zentyal Mail* offers all these features, with zero impact on Microsoft Outlook® users, independently of how the user connects (browser, desktop client or mobile), which application they use or whether they have constant Internet connection or not.

### Native Microsoft Outlook® Support

Microsoft Outlook® can connect natively with *Zentyal Mail* by using the Microsoft® Exchange protocols, including support for 2003, 2007, 2010 and 2013 versions. Until *Zentyal Mail*, server-level compatibility with Microsoft® Exchange Server has not been possible and some vendors have provided Microsoft Outlook® connectors or plug-ins to provide support for Microsoft Outlook® clients. However, deploying a connector that does not offer native compatibility, has many disadvantages ranging from the time needed for deployment, update and maintenance, downtime caused by Microsoft Outlook® updates that affect the connector, etc. With *Zentyal Mail* these problem simply do not exist.



*Zentyal Mail* supports by default fundamental Microsoft® Exchange Server features such as Outlook Anywhere and Exchange Autodiscover, Cached mode and protocol compression or Out of the office-messages. All these features help to provide familiar user experience and reduce the time user needs to spend in mail client configuration: access to the mail server while connecting from outside of the corporate network, minimum output to start using the mail client, access to mail without Internet connection or the possibility to delegate access to the inbox, contacts or calendars.

In addition, *Zentyal Mail* supports all the current standard mail protocols (MAPI, SMTP, POP3, IMAP, CalDAV, CardDAV and SIEVE) and offers native support for all the standard mail clients.

### Support for Mobile Devices

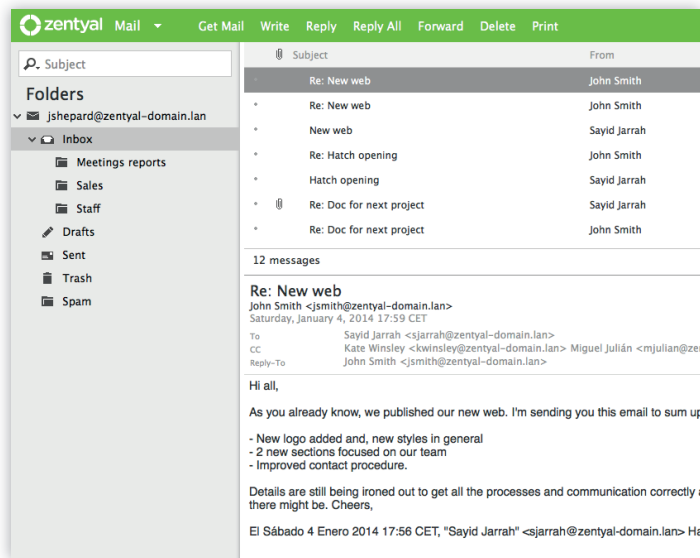
*Zentyal Mail* offers native support for ActiveSync® protocol. This allows to synchronize mail, contacts and calendars in Android™ and iOS smartphones and tablets without having to install any additional connectors on the devices. Moreover, it helps to support the current BYOD (Bring your Own Device) trend by letting to manage security policies such as PIN, screen blocking, memory encryption, etc. or remote wipe of mobile devices in case of loss or theft.

### Multi Language Support

*Zentyal Mail* supports multiple languages, giving both users and administrators the choice over the language their user interfaces are displayed.

### Webmail

Webmail is the most popular way for end users to access to their mail, contacts and calendar at any time, through any device. Zentyal Webmail allows to drag and drop elements, have aggregated view of the mail, together with contacts and calendars of multiple users and offers both advanced search and organization of emails in different folders through filters.



Zentyal Webmail supports all the most common browsers including Internet Explorer®, Firefox®, Safari® and Chrome™. The Zentyal Webmail front end can be easily customized with the hosting providers' - or customers'- logo and corporate colors.

### Storage, Scalability & High Availability

*Zentyal Mail* for hosting providers is specially developed to be deployed in cloud infrastructure, guaranteeing both scalability and high availability of the solution. The architecture of *Zentyal*

*Mail* is horizontal, meaning that once the initial configuration is done, the hosting provider simply needs to monitor the performance of the server farm and replace or add new hardware as it becomes necessary.

*Zentyal Mail* is built on the state-of-the-art, open technologies that allow to take advantages of the latest innovations and improvements in storage, scalability and high availability. On one hand, *Zentyal Mail* uses OpenChange® to provide native communications with Microsoft Outlook® clients through the MAPI protocol. On the other hand, it uses Postfix for Mail Transfer Agent (MTA) and Dovecot for IMAP and POP3 server to work with all the other current standard mail protocols.

Only very simple additional configuration - that does not require system downtime or any service interruption - is required to add new hardware to the existing mail system. In addition, it is extremely easy to configure the required replication levels, to offer fully redundant email with high availability and robust backup-and-restore mechanisms.

## Security & Privacy

*Zentyal Mail* is a multi-tenant solution, giving the first and most important guarantee of the security and privacy of each different end customer. It is based on open technologies and the hosting providers are welcomed to audit the source code, to make sure that any backdoors have not been introduced to access their customers' systems or data.

All the communications between the mail server and the mail clients are carried out via TLS/SSL to guarantee the identification and encryption of the channel. In addition, it is also possible to use S/MIME or PGP/GnuPG encryption technologies. Antispam and antivirus measures are enabled by default with the solution.



## Zentyal File Sharing Easy-to-Use Corporate File Sharing

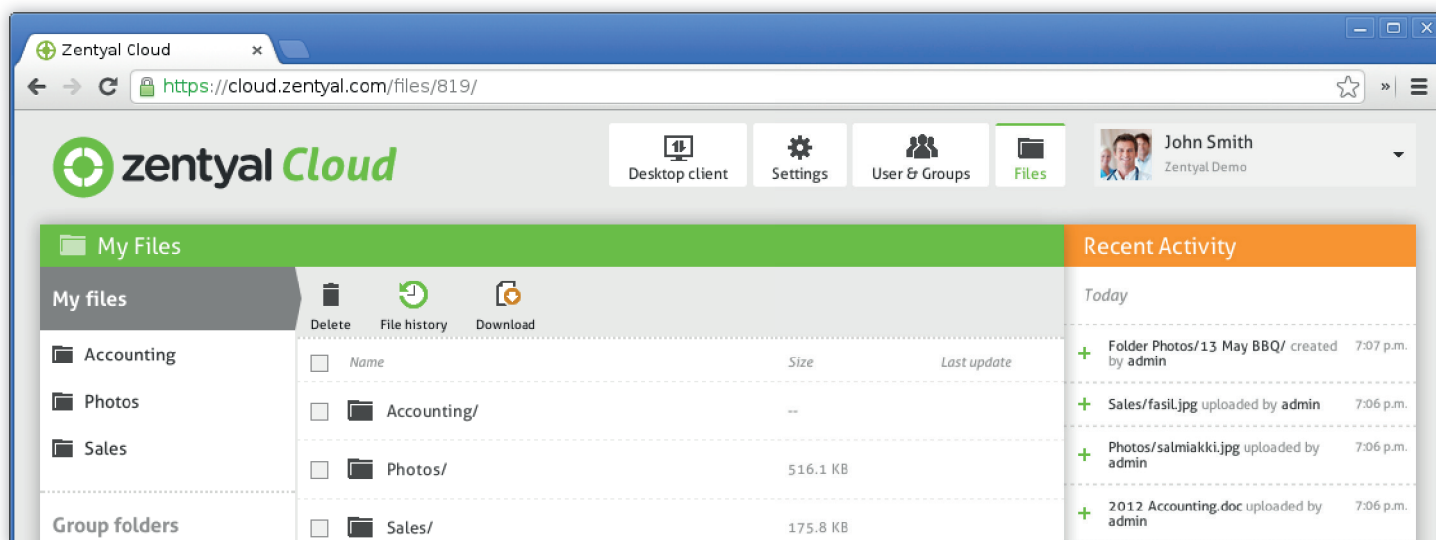
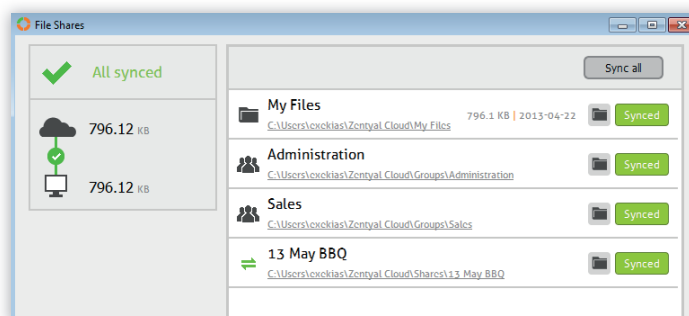
*Zentyal for Hosting Providers* also integrates a corporate cloud file sharing service, that gives the end customers an easy and secure way to share, access and back up company files on the cloud, either through web browser, desktop application or mobile devices.

*Zentyal File Sharing* is fully integrated with the offering, making the actual provisioning of the service for the end customers totally seamless once the service has been deployed at hosting provider's data center.

## Easy Access to Corporate Files

*Zentyal File Sharing* offers end users an easy and secure way to share, access and back up company files on the cloud, either through web browser, desktop application or mobile device. For this end, all the standard web browsers (Internet Explorer®, Firefox®, Safari®, Chrome™), operative systems (Windows®, Linux®, Mac®) and mobile clients (Android™, iOS) are supported.

End users can also easily manage advanced folder access permissions through Access Control Lists (ACLs) and share files with external users via private URLs. *Zentyal File Sharing* also offers automatic backup and versioning of the hosted files.



## Security & Privacy

*Zentyal File Sharing* is a multi-tenant solution, giving the first and most important guarantee of the security and privacy of each different end customer. It is based on open technologies and the hosting providers are welcomed to audit the source code, to make sure that any backdoors have not been introduced to access their customers' systems or data. Moreover, all the communications are encrypted using the SSL AES-256 method to guarantee the maximum security and privacy of data.

## White Labelling

*Zentyal File Sharing* front ends for both web, desktop and mobile clients, can be easily customized with the hosting providers' - or customers' - logo and corporate colors.

## Storage, Scalability & High Availability

*Zentyal File Sharing* is built on the state-of-the-art, open technologies that allow to take advantages of the latest innovations and improvements in storage, scalability and high availability. The File Store of the *Zentyal File Sharing* can work on top of OpenStack® Swift or any other object store technology available at the hosting provider's datacenter and it is designed to store thousands of terabytes of files, guaranteeing resilience, high availability and versioning at all times. MySQL® database takes care of the permission and share list management.

*Zentyal File Sharing* uses OpenLDAP® and its multimaster replication for user management, guaranteeing an extremely resilient and scalable service for millions of users. To provide all the necessary - infinitely growing - activity logs, *Zentyal File Sharing* uses MongoDB® that provides the required scalability thanks to its sharding options.

*Zentyal File Sharing* for hosting providers is specially developed to be deployed in cloud infrastructure, guaranteeing both scalability and high availability of the solution. The architecture of *Zentyal File Sharing* is horizontal, meaning that once the initial configuration is done, the hosting provider simply needs to monitor the performance of the server farm and replace or add new hardware as it becomes necessary.

Only very simple additional configuration - that does not require system downtime or any service interruption - is required to add new hardware to the existing cluster. In addition, it is extremely easy to configure the required replication levels, to offer fully redundant file sharing service with high availability and robust backup-and-restore mechanisms.