

## Zentyal for SMBs

### Easy to use and affordable hybrid IT infrastructure

Hybrid solution: Local IT infrastructure fully synced with the cloud

Only vendor worldwide – besides Microsoft® - to offer native interoperability with Microsoft Outlook® and Microsoft® Exchange Server

Native interoperability with Microsoft Active Directory®

Migrate seamlessly from your Windows Server® environment to a more affordable and complete IT infrastructure solution



### Zentyal for SMBs Hybrid from the start

Zentyal for SMBs is a hybrid solution, that helps SMBs to take their IT infrastructure easily from on-premises to the cloud according to their needs. It offers the advantages of the cloud-services, while keeping local servers synchronized with the cloud. This way the SMB stays in control over their IT infrastructure and the availability and privacy of their data is guaranteed at all times. Zentyal offers the only IT solution in the market that fully synchronizes local and cloud IT infrastructure.

#### Easy Users & Groups Management

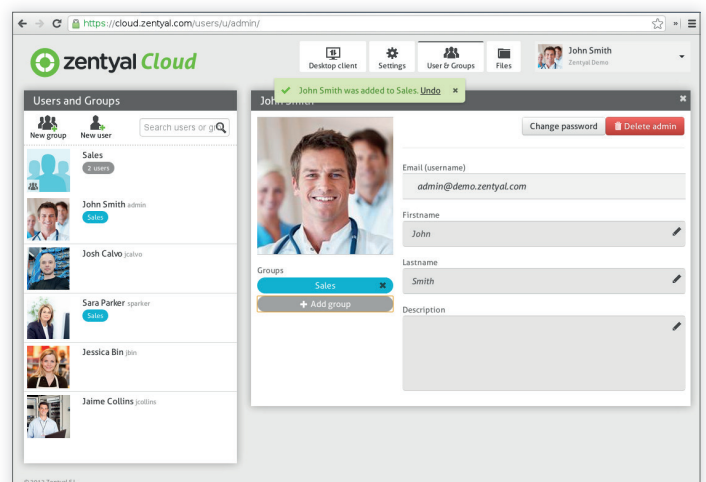
Thanks to the easy-to-use web interface, SMBs can easily manage their users, groups and permissions either from the server management interface or the cloud interface. Whether they create, delete or update a user accounts, the changes will automatically take place across the whole IT infrastructure.

#### Hybrid File Sharing

Zentyal for SMBs gives the employees an easy and secure way to access, share and backup company files on the cloud, either through the web browser, desktop or the mobile applications. They can easily assign different levels of permissions to the shared folders, or to share files with external users via private URLs.

Unlike with other cloud-services, the files are synchronized with company's local servers. Connectivity issues are not a problem as it is possible to work on the files off-line: the modified files are automatically updated when the Internet connection is back.

There is no need to set-up complex VPNs to allow employees work anywhere and from any device, the business gets all the advantages of the cloud while keeping existing on-premises infrastructure synchronized. Moreover, the SMB can decide where the data is hosted and stay informed about what files were accessed, shared and with whom.



## Guaranteed Security and Privacy

To guarantee the maximum security and privacy of data, all the communications are encrypted using SSL AES-256. Moreover, the Authorized Zentyal Partner can give the SMB the option to choose where the company files will be hosted: SMBs can choose between their own data center, their IT providers' data center, or the public cloud.



## Zentyal Mail – Native Replacement for Microsoft® Exchange Server

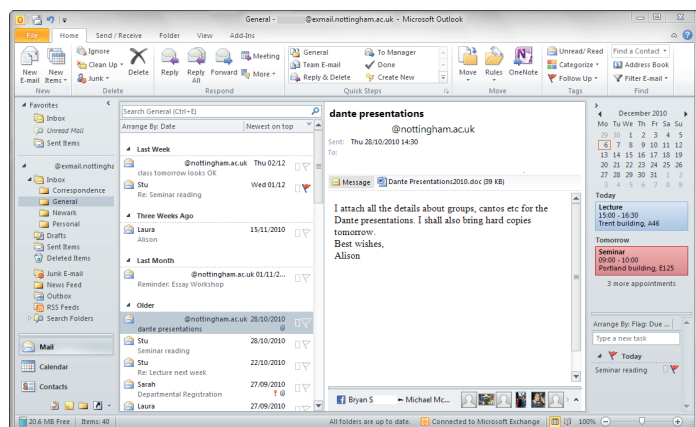
Besides Microsoft®, Zentyal is the only vendor worldwide to offer a mail solution – Zentyal Mail, that comes with native interoperability with Microsoft® Exchange Server and Microsoft Active Directory®. Thanks to this native interoperability, Zentyal Mail can transparently replace an existing Microsoft® Exchange Server solution without a costly migration process or any interruption for the users.

## Email, Calendars & Contacts

Zentyal Mail offers a full mail solution with shared calendars and contacts and option to delegate mailbox access. It eases the daily communications and improves the productivity of the employees, independently of how they connect (browser, desktop client or mobile), which application they use or whether they have constant Internet connection or not.

## Native Microsoft Outlook® Support

Zentyal Mail is the only email solution – besides Microsoft® Exchange Server - that implements natively the MAPI protocol. This means that Microsoft Outlook® users can continue using their email clients, without any service interruptions and without having to install any plug-in or connector on their mail clients or making any configuration change.



In addition, Zentyal Mail supports all the current standard mail protocols: MAPI, SMTP, POP3, IMAP, CalDAV, CardDAV and SIEVE. Therefore, if the company is already using other mail solution or it is looking for license cost savings, migration to open solutions is fully supported.

## Support for Mobile Devices

Zentyal Mail also comes with native support for the ActiveSync® protocol. This allows to synchronize mail, contacts and calendars in Android™ or iOS smartphones and tablets without having to install any 3rd party application. In addition, it helps to support the current BYOD (Bring your Own Device) trend by enforcing security policies such as PIN, screen locking, memory encryption, etc. or remote wipe of mobile devices in case of loss or theft.

## Security & Antivirus and Antispam Filtering

To guarantee maximum security, Zentyal Mail uses TLS/SSL to authenticate and encrypt communications. Moreover, automatic antispam and antivirus updates keep spam and malware out of the corporate mail server and improve the security against threats like scams, phishing and other frauds.

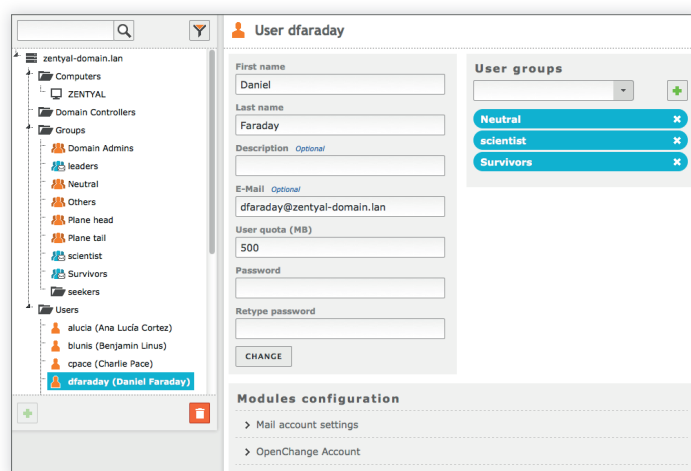


## Zentyal Directory – Native Replacement for Microsoft Active Directory®

Zentyal Directory is natively interoperable with Microsoft Active Directory®, that has become a central part of SMBs IT infrastructure over the years. Thanks to this native interoperability, Zentyal Directory can be transparently introduced to an existing Windows Server® environment, where it can seamlessly integrate with and gradually replace the existing servers without costly migration process.

## Central Management of Users & Groups

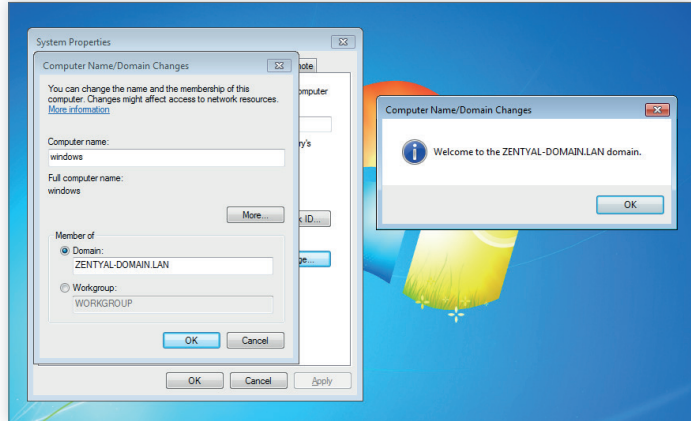
Zentyal Directory allows the central management of all the typical directory figures, such as users, groups, distribution lists and contacts by using the standard protocols for authentication and authorization: LDAP and Kerberos® for Single Sign-On.



It also natively supports Group Policy Objects (GPOs), multiple Organizational Units (OUs), NETLOGON scripts and Roaming profiles, making the management of - even a large number of desktops - significantly easier by allowing quick software installation and upgrades, enforcing policies such as browser configuration or password strength, or restricting user access to specific parts of the system, changing default configuration or plugging-in external USB sticks.

## Native Support for Windows® Environments

By natively supporting Microsoft Active Directory®, there is no change in how to join to Zentyal Directory domain with Windows® desktops and also Mac® and Linux® computers are supported.



## Secure File Sharing and Access Control

Zentyal supports the CIFS protocol to enable file sharing in Windows® environments. Shared, permission-based folders and advanced user access control through ACLs will greatly ease employees' access to workgroup documents in an intuitive way. Moreover, the antivirus with integrated quarantine for the file server allows to protect all files in the shared folders.

## Printer Sharing

Zentyal allows to share printers in a Windows® environment. Permissions can be assigned to different users or groups in the printers and also driver configuration defaults can be pushed from the server to the clients helping to rationalize the investment in printer consumables.

## Backup and Disaster Recovery

Zentyal comes with a configurable incremental and full backups policy. In addition, it includes a Disaster Recovery service that helps companies to restore the server in the shortest possible time in case of a disaster. This guarantees minimum downtime for business when external intrusions, internal sabotage, or accidental failures occur.



## Zentyal Infrastructure

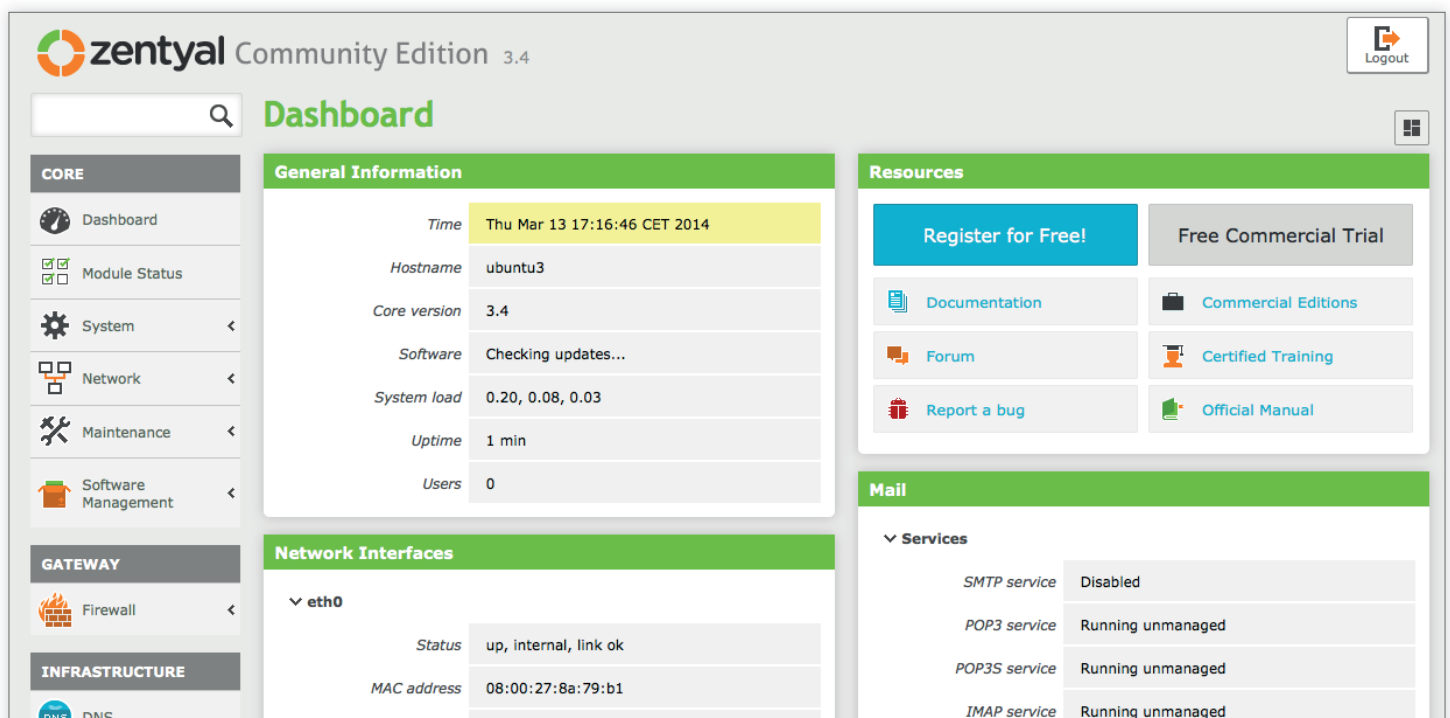
Corporate Local Area Networks (LANs) can be quickly deployed and easily configured using Zentyal Infrastructure. It provides the essential services for running any network and the higher level services: DHCP, DNS and NTP, and in addition the Certification Authority. Moreover, other usual services like Web and FTP server for hosting internal web applications or UPS management are also included.

## Essential LAN Services

Zentyal Infrastructure provides SMBs with all the essential network infrastructure services. Using Zentyal it is possible to set up and manage the automatic network configuration (DHCP), internal domain names (DNS) and network time synchronization (NTP). These will be required in any network, from the most simple one to large networks and when running domain services with Zentyal Directory.

## Certification Authority

Zentyal Infrastructure comes with encryption technologies to guarantee the authenticity, integrity and privacy of business communications. Creating and deploying digital certificates for the users and for the different services is very easy using the Certification Authority.



**Zentyal Community Edition 3.4**

**Dashboard**

**CORE**

- Dashboard
- Module Status
- System
- Network
- Maintenance
- Software Management

**GATEWAY**

- Firewall

**INFRASTRUCTURE**

- DNS

**General Information**

Time	Thu Mar 13 17:16:46 CET 2014
Hostname	ubuntu3
Core version	3.4
Software	Checking updates...
System load	0.20, 0.08, 0.03
Uptime	1 min
Users	0

**Network Interfaces**

▼ eth0

Status	up, internal, link ok
MAC address	08:00:27:8a:79:b1

**Resources**

- Register for Free!
- Free Commercial Trial
- Documentation
- Commercial Editions
- Forum
- Certified Training
- Report a bug
- Official Manual

**Mail**

▼ Services

SMTP service	Disabled
POP3 service	Running unmanaged
POP3S service	Running unmanaged
IMAP service	Running unmanaged

## Web Server & FTP Server

SMBs that need a web or FTP server can deploy these services with Zentyal Infrastructure. Any internal web application can be hosted within the same server they already have deployed. In addition, the FTP server will allow file transfers and uploading the applications to the server.

## Server Hardware Protection

When an unexpected power disruption takes place in the company infrastructure, it is necessary to have the server hardware protected. Zentyal Infrastructure comes with an Uninterruptible Power Supply (UPS), that gives the system enough time to save the data and shut down the system correctly, restarting the system when power is back.




## Zentyal Gateway & UTM

Having a single IT infrastructure solution that also helps to manage company's Internet connection and network security is a win for a SMB. Zentyal Gateway & UTM helps to optimize Internet connectivity, prioritize or restrict traffic, authenticate access to the network and apply browsing policies based on users/groups credentials, create Virtual Private Networks (VPNs) and to protect the corporate network from malicious activities and policy violations.

## Network Configuration & Firewall

When a business requires more bandwidth than a single DSL line can offer – or can not tolerate interruptions in the Internet connection - it is possible to take advantage of the multigateway options offered by Zentyal Gateway & UTM. Moreover, the high-security firewall provides an easy way of configuring traffic filtering rules.


### Packet Filter



**Filtering rules from internal networks to Zentyal**

These rules allow you to control access from internal networks to services running on your Zentyal machine.


[\\* CONFIGURE RULES](#)



**Filtering rules for internal networks**

These rules allow you to control access from internal networks to the Internet and traffic between internal networks. If you wish to provide access to your Zentyal services, you must use the above section.


[\\* CONFIGURE RULES](#)



**Filtering rules from external networks to Zentyal**

These rules allow you to control access from external networks to services running on your Zentyal machine.

[\\* CONFIGURE RULES](#)



**Filtering rules for traffic coming out from Zentyal**

These rules allow you to control access from your Zentyal to external services.

[\\* CONFIGURE RULES](#)

## Traffic Shaping & QoS

Thanks to Zentyal Gateway & UTM, businesses can ensure that the most important traffic, such as web browsing or traffic of specific users, is always served properly, regardless of the network load. The critical traffic can be easily prioritized and the applications that consume unnecessary bandwidth, like P2P, can be blocked.

## Advanced HTTP(S) Proxy

Zentyal Gateway & UTM provides the company network with an advanced HTTP(S?) Proxy server. It allows the SMBs to reduce the bandwidth consumption of web traffic, increase the navigation speed, define web browsing policies and improve security by blocking potentially dangerous contents and websites. Different browsing policies like blocking or allowing different website categories, lists of websites domains or file types, can be applied to the different users and groups and with time constraints.

## Captive Portal & RADIUS

The Captive Portal and RADIUS server integrated in the Zentyal Gateway & UTM are specifically useful for companies that provide wireless networks for their customers or users. Captive Portal helps to limit Internet access to authenticated users while RADIUS provides a higher level of security on the network with centralized authentication.

## Virtual Private Networks (VPNs)

With Zentyal Gateway & UTM it easy to create VPNs that allow employees to securely access company resources while they are outside the office network. Similarly, VPNs can also connect offices in different locations with secure and high performance links. Multiple protocols are supported including VPN SSL and IPsec allowing great flexibility and different configurations. Users authentication is integrated with the digital certificates and Zentyal Directory.

## Intrusion Detection and Prevention System

The Intrusion Detection and Prevention System (IDS/IPS) offered by Zentyal Gateway & UTM monitors and protects the corporate network from malicious activities and policy violations: attack attempts to internal services, brute force password attacks or using known exploits, traffic not allowed like P2P, botnet control communications or any other blocked application, infected files or virus transferred over the network, etc. Moreover, automatic updates to the rules database keep the network secure against latest threats.