



zentyal

Zentyal

*Linux small business
server*

2013

Julien Kerihuel - Zentyal CTO

[jkerihuel@zentyal.com]



What is Zentyal?

What is Zentyal?

Linux server for SMBs

- **Full-featured** server to manage all IT infrastructure
- **Easy-to-use** graphical user interface
- **Secure** and **reliable**
- **Fully supported** at an **affordable** price

Alternative to Microsoft infrastructure

- Windows SBS, Windows Server
- Microsoft Exchange
- Windows Forefront

- and other UTM's (Checkpoint, Fortigate, Sonicwall, Webmarshall)

Why to choose Zentyal?

Total solution

- All-in-one solution made for SMBs
- Guarantee system security and uptime
- Fully supported by Ubuntu | Canonical

Affordable

- Save license costs
- Rationalize spending

Easy

- No need to worry about IT infrastructure management
- Focus on your customers and your core-business

Working Together



zentyal

Who uses Zentyal?

Small-medium businesses and organizations

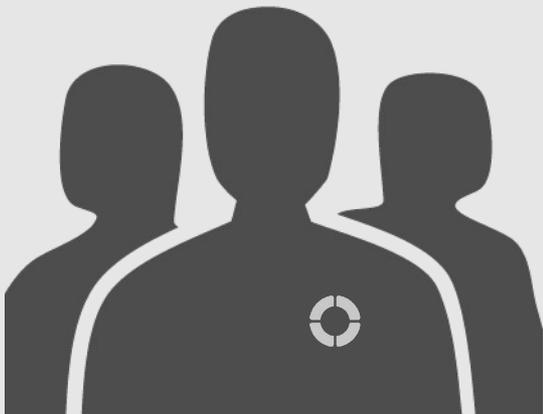
- +20,000 subscribed servers
- Regardless of sector, industry or location

Large businesses and organizations

- Banks, hospitals, manufacturers, supermarket chains...

Public administrations

- Education, IT, health, taxation, police, military...



The Zentyal project

- 9 years (started in 2004)
- 100% open source **GPL-2**
- In Ubuntu repositories since 2007

- **8,000** community members and growing
- **50,000** downloads/month
- **50+** partners and growing
- One of the most popular business-led open source projects in the world

What Zentyal offers for me?

Community Edition

<http://www.zentyal.org>

Download for free



Commercial editions

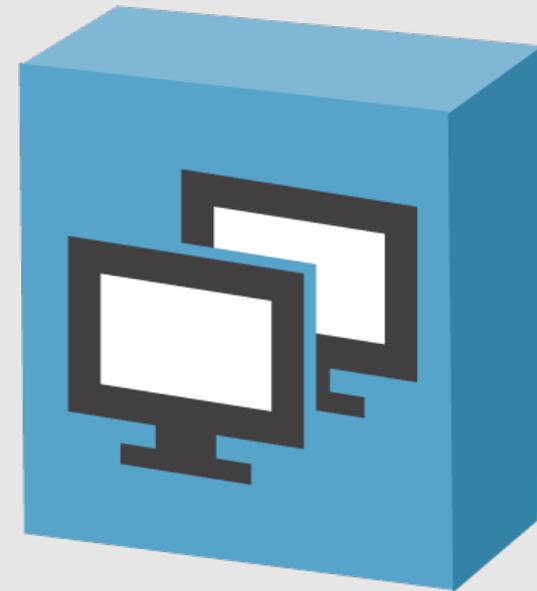
|  <h2>Small Business Edition</h2> <p>49,50€ per month</p> <p>495€ per year 2 months free</p> <p> Buy now</p> |  <h2>Enterprise Edition</h2> <p>119,50€ per month</p> <p>1195€ per year 2 months free</p> <p> Free trial Or buy now</p> |
|--|---|
|  Max. 25 users |  Unlimited users |
|  Technical support SLA – Next business day |  Technical support SLA – 4 hours |
|  Disaster recovery – 5 Gb. Software & security updates |  Disaster recovery – 10 Gb. Software & security updates |
|  Remote monitoring and management |  Remote monitoring and management |
|  Network infrastructure Internet access & security Office server |  Network infrastructure Internet access & security Office server |
|  ADD-ON Communications Services 24,50€ per month |  Communications services |

Technical Features

- *Infrastructure Management*
- *Office Server*
- *Gateway & Unified Threat Management*
- *Communications Server*

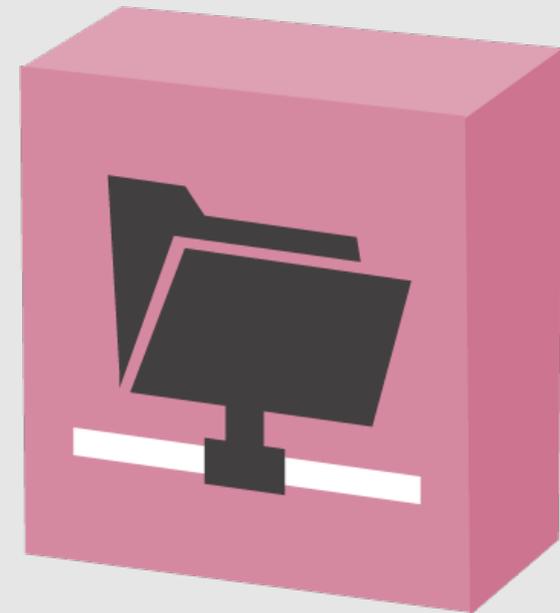
Zentyal Infrastructure Management

- DHCP server
- DNS server
- NTP server
- Certification Authority
- Web server
- FTP server
- VM management
- Thin Clients
- UPS management



Zentyal Office Server

- **Directory server**
 - Master/Slave architecture
 - Kerberos Single Sign-On (SSO)
 - Active Directory replacement with Windows 2003/2008 compatibility
 - OpenLDAP / Samba4 based
- **File sharing**
 - SMB/CIFS
- **Printer sharing**
- **Backup**



Zentyal Gateway & UTM

- **Advanced routing**
 - Policy routing
 - Load balancing
 - WAN fail-over
- **Advanced firewall**
- **Traffic shaping & QoS**
 - Application layer L7
- **Advanced HTTP proxy**
 - HTTPS support
 - Authentication with SSO
 - Policies based on subnet, group and time
 - Rules based on categories, URL/IP, extensions or MIME-types



Zentyal Gateway & UTM

- RADIUS
- Captive Portal
- Virtual Private Network (VPN)
 - OpenVPN (SSL)
 - IPsec/L2TP
 - PPTP
- Intrusion Detection System (IDS)
 - Suricata
 - IPS capabilities
- Mail Filter (antispam / antivirus)



Zentyal Communications Server

- Mail server
 - Web & desktop client
- Groupware
 - Mail, contacts, calendar & tasks
 - Outlook compatibility
 - Mobile synchronization
- Instant Messaging server
- VoIP server



Zentyal Internals

- *Distribution and packages*
- *Configuration data and framework*
- *User Data management*
- *Directory Services and SSO*

Distribution and packages

- **Based on Ubuntu Server edition**
 - Long Term Support (LTS) versions
 - 3 years support
 - Custom Installer
- **Personal Package Archives (PPA) repository**
 - Provide our own version for some modules
 - Upstream patches ongoing efforts

Distribution and packages

apt-get install zentyal

deb <http://ppa.launchpad.net/zentyal/3.0/ubuntu> precise main

Configuration data and framework

- **Perl Framework**

- Service configuration and management
- Custom templates (MASON)
- Web interface

- **REDIS**

- Popular key-value store database
- Store configuration data

User data management

- **LDAP**
 - User and Group specific configuration
- **File System**
 - User Data

Directory Services and SSO

- **LDAP vs Active Directory**
 - Synchronization daemon **s4sync**
 - **Single directory service strategy**
- **Kerberos authentication**
 - Active Directory and File sharing
 - Mail and Groupware
 - HTTP proxy

Forthcoming Zentyal events

Zentyal Training at LinuxHotel

- **Deploying and customizing an AD/Samba4 SMB network with Zentyal**
- Aimed at: IT professionals that currently manage Windows servers and are looking for feasible Linux alternatives, potential Zentyal Partners
- Duration: 2 days
- Teacher: Jorge Salamero, Zentyal System Analyst
- **Official Zentyal Manual for free for registration before June 30th.**



Zentyal Training at LinuxHotel

- **<http://www.zentyal.com/linuxhotel/>**
- Place: LinuxHotel, Essen, Berlin
- Time: September, 12-13th 2013





Questions?

Zentyal

info@zentyal.com

www.zentyal.com