

Liceo Cristoforo Colombo

Zentyal Success Story

High school Cristoforo Colombo manages a network of ca. 1.000 users with Zentyal



"Our servers run Ubuntu - Zentyal is based on the same software and, moreover, it has an easy-to-use and beautiful interface. It is a perfect match for us!"

Andrea Canesi

Network Administrator, L.C.S. C. Colombo

LICEO CRISTOFORO COLOMBO

Liceo Classico Statale Cristoforo Colombo is a high school located in Genoa, Italy, that aims at managing their computer network based on open source software solutions. L.C.S. C. Colombo has approximately 70 teachers, 750 students, administrative staff of about 12 and a changing number of external students taking computer courses.

IMPLEMENTATION CHALLENGE

L.C.S. C. Colombo has two different computer networks: one aimed at educational use and one for the use of administrative staff. The whole network runs on three servers: one for Firewall/Proxy with two ADSL connections and one server for each network.

Since 2003, L.C.S. C. Colombo has used a number of open source solutions for network management, such as Debian, Ubuntu, Dansguardian, Samba/LDAP, Shorewall, Webmin, ClamAV and other.

However, when their PDC server expired in 2008 and the server room was renewed, they went in search of a better web interface to manage their Ubuntu based servers and came across with Zentyal - a perfect match, as it was based on the software and Ubuntu distribution they were already using, and in addition, it had an easy-to-use, beautiful interface.

IMPLEMENTATION CHALLENGE

Currently L.C.S. C. Colombo deploys Zentyal on two servers and uses functionalities from Zentyal Office, Zentyal Gateway and Zentyal UTM modules. Zentyal Office is used for PDC, granting the users access to a number of computer resources by using a single

username-password combination. Besides, Zentyal UTM is used for Firewall and Zentyal Gateway for Proxy. L.C.S. C. Colombo is also planning to migrate to a newer version and to deploy new functionalities from Zentyal Office and Zentyal Unified Communications modules, including Groupware and VoIP.

ZENTYAL OFFICE

Manage and share office resources. Technical features:

- LDAP server: user and group account management
- Centralized authentication (including PDC)
- Calendar, contacts and tasks sharing
- Files sharing
- Printers sharing
- Data backup

ZENTYAL UTM

Protect your network. Technical features:

- Firewall
- Mailfilter (antivirus, antispam, greylisting)
- Content filtering (web and e-mail)
- Virtual Private Networks
- Intrusion Detection System

ZENTYAL GATEWAY

Optimized and reliable network. Technical features:

- IP address management
- Configurable network interfaces (Ethernet, PPPoE and Wi-Fi), virtual interfaces & local networks
- Access Point
- Routing
- QoS, multi-gateway support and load balance
- Packet filtering, NAT, redirection
- User-based proxy: cache, content filtering

More information: www.zentyal.com