



# Giannis Kapetanakis

Senior System, Network &  
Security Administrator

## + CONTACT

Current Location Heraklion, Crete, Greece

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Nationality Greek

Date of birth November 17, 1977

Gender Male

Military Service Completed, 2007

## + PROFESSIONAL EXPERIENCE

2003 - Today **Senior System, Network and Security Administrator**

Computer Center  
University of Crete

Installation and Management of Unix/Linux/OpenBSD Servers.  
Installation and Management of Network Services like DNS, Web, Mail, Storage, Authentication, LDAP, VPN, PKI, Virtualization Infrastructure, Databases, Backup, HPC Clusters, High Availability Clusters, Load Balancers etc.  
Network Management (routers, switches, Wi-Fi, firewalls, load balancers).  
Systems, Network and Data Security. Hardening, Prevention, Monitoring.  
User Support.

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2007 - Today **Senior System, Network and Security Administrator (remote)**

NOC  
Technological Education  
Institute of Crete

Installation and Management of Unix/Linux/OpenBSD Servers.  
Installation and Management of Network Services like DNS, Web, Mail, Storage, Authentication, LDAP, Shibboleth, CAS Single Sign-On, Virtualization Infrastructure, VPN, PKI, OpenEclass, Databases, Backup, etc.  
Systems, Network and Data Security. Hardening, Prevention, Monitoring.

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1996 - 2002 **System Administrator (paid student)**

Physics Department  
University of Crete

Installation and Management of Unix/Linux Servers.  
Installation and Management of Network Services like DNS, Web, Mail, NFS, NIS, FTP, Databases, Backup, etc.

## + EDUCATION

2002 - 2003 **MSc in Information Security (finished with Distinction)**

Royal Holloway  
University of London

MSc Thesis Title: Securing a Unix Server.  
Courses: Introduction to Cryptography and Security Mechanisms, Advanced Cryptography, Computer Security, Network Security, Database Security, Security Management.

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1996 - 2002 **BSc in Physics**

Physics Department  
University of Crete

Computer Science Courses: C/C++ Programming, Java Programming, FORTRAN Programming, Computational Physics, Data Structures, Computer Networks.

## + TEACHING EXPERIENCE

2003 - 2005 Teaching the obligatory course "Introduction to Computers" in Physics Department and in Materials Department of University of Crete.

October 2001 Seminars of Unix Administration, Unix and Network Security for System Administrators in University of Crete.

## + LANGUAGES

Mother tongue **Greek**

Foreign languages **English**

First Certificate in English - B2 (University of Cambridge), TOEFL. Very good command both written and spoken.

## + IT PROFESSIONAL SKILLS

Operating systems **Very good experience in installation and management of Unix Servers like Linux, OpenBSD, AIX, Solaris, HP-UX, IRIX, Digital Unix, SCO and Windows Vista/XP/NT/2x/9x/7/8/10 Mac OS X. Management of network routers and switches like IOS, CatOS (Cisco), HP Procurve and Dell. Management of Enterprise Storages (SAN, NAS).**

Network Services **Very good experience in installation and management of network services like DNS (bind, nsd, unbound), SMTP (postfix, sendmail), Web (apache, nginx), Tomcat, LDAP (ODSEE, OUD, 389, openldap), Radius, Tacacs, Kerberos, POP3, IMAP, DHCP, FTP, NFS, NIS, TFTP, BOOTP, Samba, DRBD, SQL Servers (MySQL, PostgreSQL, MS SQL, Oracle), NoSQL (Redis), Backup, High Availability Load Balancers/Clusters (HAProxy, Relayd, Keepalived, CARP), Virtualization (oVirt, RHEV, KVM, Xen, VMware ESXi, VirtualBox), Cloud Computing (CloudStack, ConVirt, ownCloud), RedHat Clusters, Shibboleth, CAS Single Sign-On, CMS (Drupal, Joomla, WordPress), Icecast, IRC servers, Monitoring Tools (Nagios, Munin, MRTG, Cacti, SNMP), Ticketing Systems, E-Learning Platforms, VLANs, OSPF, iSCSI, Fibre Channel.**

Security **OS and services hardening, prevention, monitoring of security incidents in information systems and services. Cryptography, Certification Authorities (PKI), Firewalls (OpenBSD PF, Linux iptables, Cisco ACLs), Intrusion Detection Systems, Anti-Spam Systems, VPNs (OpenVPN, IPsec).**

HPC Clusters **25Tflops (52 nodes) Metropolis HPC CCQCN Cluster, based on Slurm, XCAT, Infiniband, Fibre Channel, Lustre, NFS, iSCSI.**

Programming **PHP, Shell scripting, C.**

## + PROFESSIONAL HIGHLIGHTS

Highly self motivated.

Experienced in working with or leading group of colleagues.

Designing, managing and securing all layers of network infrastructure services.

Strong focus on open source solutions.

### + Referrals

Chara Tomara

Head of Systems and Networks Group, Computer Center, Voutes Campus, University of Crete.

Vassilakis Kostas

Head of NOC, Technological Educational Institute of Crete.

## + OTHER SKILLS AND HOBBIES

Music (Double Bass Jazz musician)  
Sailing

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