intm

Paolo Didonè

Linux System Administrator

20 years of professional experience

PERSONAL QUALITIES

- Curious, learn quickly
- Good communication skills
- Used to teamwork environments
- Creative problem-solving

EXPERTISE

- Free software system and network administration
- Team working
- Documenting and reporting
- Coaching and user training

EDUCATION

- Graduated scientific high school
- Studied Informatics at University

TECHNICAL SKILLS

- Systems : Linux, Debian, Ubuntu, CentOS, Fedora, RedHat
- Networks : TCP/IP, SMB/CIFS, VPN, Firewall
- Hardware : DELL, IBM, Sparc, others
- Database : Mysql/MariaDB, Postgresql
- Virtualization : Xen, KVM
- Tools : Among others VI/Emacs,SMTP, IMAP, DNS, DHCP, Proxy cache, LDAP, NFS, SAMBA, CUPS, Bash, python, Libre/Open Office, Latex, Word/Pages, Excel/Numbers, PowerPoint/Keynote, Microsoft Project, Adobe Photoshop Lightroom Illustrator and InDesign Premiere Pro, Apple Final Cut Pro.

CERTIFICATIONS

- Linux Professional Institute LPIC-1
- Linux Professional Institute LPIC-2

Private Consultant
Forensic Analyst
168 mois (2004-2018)

Consultant for private law firms, specialized in forensic investigation, data retrieval from computers and other types of devices, writing technical reports supporting legal investigation. Technical support in private business investigation.

- EnCase forensic platform for digital forensic data gathering, analysis and reporting.
- UNIX tools for low level data gathering and analysis such as "dd" "hexdump" "od", "tcpdump", "wireshark", "nc", "hping", "nmap", and other specialized tools.
- Custom built script for data analysis and forensic investigation using Bash, sed, awk, python.

Truelite S.r.l.
Teacher and Consultant
80 mois (2004 - 2011)

Teacher and Consultant on various technical Free Software matters (system administration, network administration, security) for their customer, both public and private.

Master Free Software Upgrade
Teacher
18 mois (2006,2008)

LPI certification, GNU/Linux System and Network administration.

- shell and system tools
- System installation, base configuration, ordinary system administration (cron, at, syslog, X-Window system, CUPS, LPR
- kernel customization, sysctl
- Software management, packages customization, building and management
- User management, NSS, PAM, Systemd, system customization
- Advanced system administration, filesystems, RAID, LVM, hardware management
- Network Administration (IPv4, IPv6), configuration, routing, name resolving, authentication, diagnostic (ping, traceroute, tracepath, mtr, netstat, ARP, RPC
- Network services : inetd/xinetd, ntp, tcp wrappers, dynamic IP (RARP, BOOTP, DHCP) ssh, advanced uses of ssh, etc.
- Network filesystem (NFS, SAMBA), SMTP (sendmail, postfix), IMAP, DNS (bind, dig, nslookup. . .) DNSSEC

FUSS project
Various
120 mois (2005-2010)

Largest free software migration at date. Various position covered : project and analysis, developer, deployer, teacher, tech support.

- Large (3000+) Debian workstations and servers geographically distributed network
- Custom automated installation, network boot using PXE, TFTP
- Office-centralized services using, DHCP, NFS, SAMBA, Apache, Squid, CUPS and other UNIX and network tools
- Centralized users directory using OpenLDAP
- Custom Debian/GNOME desktop software distribution
- Local Debian deploying infrastructure
- Service monitoring (NAGIOS)
- Partial automated systems management (PUPPET)

Lynx S.p.A
Senior System and Network administrator
10 mois (2007-2009)

Analysis and general consolidation of IT infrastructure, reorganization of procedures and optimization of resources. In-depth personalization of mail infrastructure, installation and consolidation of VPN infrastructure with big customers (ENEL, various banks, private clients, roaming developers)

- Deep customization of POSTFIX SMTP server configuration
- SAMBA AD