
Berk Ulsoy <berk@ulsoy.org>
Snr. UNIX System Engineer

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CERTIFICATION

- Sun Certified System Administrator
- Sun Certified Network Administrator
- Microsoft Certified Professional
- Microsoft Certified System Administrator
- Microsoft Certified System Engineer
- Microsoft Certified Database Administrator

SKILLS

Operating Systems and Databases:

- *Operating Systems:* Linux, Solaris, Tru64, Windows, MSDOS
- *Databases:* postgresSQL, mySQL, Microsoft SQL Server (not after 2005), Oracle, sqlite
- *Networking:* Extensive knowledge on TCP/IP and ethernet based protocols. eg: HTTP, SIP, FTP, SMTP, IPsec, IMAP, POP3, RADIUS, ARP/RARP, DHCP, BOOTP

Services:

- *VOIP Systems:* Alcatel-Lucent 5020 Carrier Grade Softswitches, ACME Packet Session Border Controller (Beginner)
- *Web Servers:* Apache, IIS, Iplanet Enterprise Server 4.X
- *Windows:* Domain/Forest management, GPOs, Active Directory
- *Mail Servers:* Postfix, sendmail, exim, qmail, Mailsite, Iplanet Messaging Server 4.X, SPF
- *Mail Scanners:* Spamassassin, Mailscanner
- *File Services:* NFS, Samba (CIFS/SMB), proftpd, DFS, AutoFS
- *Print Servers:* CUPS, lprNG
- *Proxy Servers:* Squid, Microsoft ISA Server 2000/2004
- *Firewall - VPN:* iptables, Checkpoint NG (not after 2004), openvpn, ipsec, ipf (basic)
- *LDAP Servers:* openLDAP, Iplanet Directory Server
- *Name Services:* NIS
- *DNS Servers:* BIND 4.X/8.X/9.X, powerdns
- *Monitoring:* Nagios, MRTG, cacti, RRDTool
- *Versioning:* RCS, CVS, Subversion, Git
- *IDS:* Nessus, Snort, nmap
- *Virtualization:* linux-vserver, VMWare server, Xen (basic), openvz
- *RAID and volume systems:* Solaris DiskSuite, Linux Logical Volume Manager (LVM), Microsoft Dynamic Disks, Sun StorEdge, Veritas volume manager
- *Network Devices:* Planet L2,L3 managed switches, Cisco switch and routers (Basic)
- *Others:* Sun Cluster, TruCluster, Linux Virtual Server (LVS), multipathing, PAM, GFS, heartbeat, kannel (high performance sms/wap gateway), protocol tracing, extensive knowledge on open source software, kernel internals, \LaTeX

Programming Environments:

- *Programming Languages:* Java, PHP, C, Python, Delphi, Perl, Pascal. Also familiar with C++, Ruby, x86 Assembly, Visual Basic
- *Programming Tools:* GCC, Sun Compiler Collection, Visual Studio (6.0/97), Borland JBuilder, Eclipse, Vim, Emacs, gdb

WORK EXPERIENCE

Alcatel-Lucent - NGN International L3 Support Engineer

Jan, 2007 - now

Alcatel-Lucent is the leading multinational technology company developing communication systems for carriers

I am working in the level 3 support group, which is the highest level. This group provides worldwide support of Alcatel-Lucent carrier grade NGN products (VOIP softswitch family) and all the underlying platforms on 7/24 basis. Support activity also includes end to end protocol tracing (SIP, HTTP, SOAP, MEGACO, RTP, RADIUS), improving platform stability by introducing new procedures, submitting and tracking bug reports. Some of the customers among 220 production clusters are British Telecom, Wind (Italy), Telenor, Telstra, Telmex, Copaco, France Telecom, Orange, Vodafone, ATT, Turk Telekom. (ACME Packet SBC, Solaris, Tru64, Linux, mysql, Sun Cluster, Oracle with RAC)

Parkyeri A.S - Support Group Supervisor

Apr, 2006 - Jan, 2007

Management and performance evaluation of support group, production planning, support and coding for products developed and used, installation management and performance tuning of over 130 Linux/Solaris servers spread over 2 offices, 3 ISP, 2 GSM operators (Turkcell, Life), and Genpa. Basically almost same types of services before the military duty but with higher number and management responsibility.

Note: Parkyeri has been selected as the fastest growing internet company for the last 5 years in Turkey.

Kuleli Military High School - IS Officer

Jul, 2005 - Apr, 2006

Kuleli is the oldest and most respected military high school in Turkey.

Tasks of my compulsory military service includes management of over 500 desktop pc, 12 Windows 2000/2003 Servers with 4 domains, 160 printers, coding of an online education portal and commanding of a squad

Parkyeri A.S - System Administrator

Jan, 2004 - Apr, 2005

Parkyeri is the Gold Partner of Turkcell and develops solutions only using free software.

Main tasks are, support and coding for products developed and used, installation management and performance tuning of over 100 Linux/Solaris servers spread over 2 offices, 3 ISP, 2 GSM operators (Turkcell (Over 30 million subscribers), Life-Ukraine), and Genpa (Mobile phone seller giant in Turkey). Implementing a monitoring and alert system watching 280 nodes. Services include highly utilized sms servers (millions of sms per day), ecommerce services, mail servers supporting user customizable server side spam filters, web,dns, development and application servers. Management of Linux based diskless client network (25 clients and 4 terminal servers), multimaster corporate file system replication (unison).

Executrain Education Services - Freelance Instructor

Sept, 2003

Instructing Windows 2000 Server and Active Directory course for a media group's system administrators.

BNET (Now Borusan Telekom) - System Administrator

Mar, 2003 - Aug, 2003

Support for ISP services (apache, IIS, bind, sendmail, Mailsite), management installation and performance tuning of both ISP and customer servers,databases (mySQL, MSSQL, Oracle), and firewall management (iptables, Checkpoint).

Freelance - System Administrator

Nov, 2001 - Mar, 2003

Installation and troubleshooting of various services, mainly LAMP and e-mail.

Koc.net - Unix System Administrator

Sep, 2000 - Oct, 2001

Support for ISP services (apache,qmail,bind,irc), installation, management, performance tuning for over 70 Solaris/Linux servers with databases (Oracle, mySQL) at one of the most respected ISP's in Turkey.

IDG - Freelance Writer

2001

Freelance tech writer for several issues of PCWorld and ComputerWorld magazines.

Marmara U. Dept. of Computer Engineering Student/Research Assistant *Nov, 1996 - Jun 2000*

Instructing many CSE courses, management of faculty network, 10 servers (Solaris 2.4/2.5.1, Linux (1.3), Windows NT4/2000 domain, faculty mail (sendmail/iPlanet) and web servers (apache/iPlanet)) and computer labs consisting 150 pc.

COURSES GIVEN

Introduction to TCP/IP *Alcatel-Lucent - Sept, 2007*

Introduction to Linux *Alcatel-Lucent - May, 2007*

Microsoft Windows 2000 Server and Active Directory *Executrain Education Svc. - Sept, 2003*

Introduction to Solaris Operating Environment *Koc.net - May, 2001*

Marmara U. Dept. of Computer Engineering *July, 1997 - June, 2000*

Algorithms (Pascal)
C Programming Language (C)
Computer Networks (Java)
Computer Organization I (x86 Assembly)
Data Communications (Java)
Information Systems Analysis & Design (Java)
Open Systems Networking (Java)
Operating Systems I & II (C - C++)
Principles of Programming Languages (Java)
Visual Basic Certificate Course (2 Terms)

COURSES TAKEN

- Total Quality Management - Marmara U. Faculty of Engineering 1999
- SA-400 Solaris Performance Tuning - KocSistem 2000
- Korn Shell Programming - KocBryce 2001

EDUCATION

- *B.Sc. Computer Engineering - Marmara University June, 1999*
Thesis: Distributed Collaborated Project Management Tool with JAVA-RMI

ORGANIZATIONS

- Free Software Foundation

SEMINARS

- *Licenses, Patents, Free Software and Commerce* Marmara U. Computer Engineering, Nov. 2006
- *Licenses, Patents, Free Software and Commerce* Bilgi U. Computer Science, Dec. 2006
- *Licenses, Patents, Free Software and Commerce* Bogazici U. Computer Engineering, Dec. 2006

PERSONAL

- *Date of Birth:* November 22, 1977 Istanbul/Turkey
- *Marital Status:* Married
- *Driving License:* B
- *Valid Work Permit:* Belgian