



OMER FARUK SEN

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SENIOR UNIX SYSTEM ADMINISTRATOR / DIRECTOR

UNIX SYSTEM ADMINISTRATION – DIRECTOR OF TECHNICAL BRANCH - PRODUCT MANAGER

Highly accomplished Senior UNIX Administrator/ Director over 11 years of experience on Red Hat, UNIX Administration and Security Auditor also managed a group of people responsible for managing systems including mission critical systems such for Telco, Banking, Media, GSM customers. Expertise titles are

- High Available Systems
- Very High Volume Mail Servers
- Very High Volume Web Database systems
- Mission Critical Applications
- Postgresql, MySQL Clusters
- Red Hat Instructor (RHCE 100 point)
- Vmware ESX from 2.5 to 4.1 , RHEV
- Cloud Infrastructure Knowledge
- Radius Clusters(FreeRadius) Design and Implementation
- Jboss, RHEL, RHN Satellite, Red Hat systems
- Oracle Solaris Systems
- Squid,Samba,Qmail,Postfix
- Book writing on FreeBSD, Security
- Bind, Djbdns,
- UNIX/Linux Security Auditing
- Security Awareness projects
- Technical and Product Manager of various software vendors (Tripwire, Nexpose, Red Hat)

EXPERIENCE

Endersys Danışmanlık ve Yazılım Ltd. Şti. (April 2008 - ...)

DIRECTOR, PROFESSIONAL SERVICES (JUL 2009 –)

- Management of Endersys Professional Services Branch
- Responsibilities include:
 - Technical management
 - Resource management
 - Product manager of various software products (Red Hat, Nexpose , Tripwire)
 - SLA Management on Technical projects
 - Reporting to Management on Technical aspects of projects
 - Technical Manager of Endersys' developed Projects (ITAP ,Surgate and other software projects) and installing and migrating in-house developed Software continuous-Integration and Patching Process
 - Building a ground-zero relation with Red Hat company and has helped Endersys to

become first Advanced Business Partner of Red Hat In Turkey.

• Investigating different products around the globe to resell or distribute in Turkey.

- Technical coordination of customer and operational technical groups

SENIOR SYSTEM ADMINISTRATOR (APRIL 2008 – JULY 2009)

- Has managed Solaris 8,9,10 UNIX Systems
- Administered , designed FreeRADIUS clusters for VOIP,ADSL, WIFI and Billing systems
- Administered Red HAT Servers (more than 200) including Apache, MySQL, Postgresql, Qmail, Lighttpd, PHP,
- Installed, administered Nagios and different Alert Mechanism
- Installed, administered Red Hat Satellite, Red Hat Proxy, Red Hat LDAP Server
- Bare-Bone (Red Hat Kickstart) OS Installation Systems (configured to install more than 200 servers)
- FreeBSD , OpenBSD , NetBSD operating system management and configuring it for custom made appliances (itap,Surgate product)
- Designed and provisioned Custom Continuous Integration and Patching system for Custom Appliances (itap, Surgate product)
- Has given Red Hat Trainings to different customers.
- Managed and maintained Endersys' appliances (surgate, i-tap)
- Acted like Pre-Sales Engineer for products that Endersys resells (Tripwire, Nexpose, Red Hat)
- Has installed and guided a customer for online-banking site from ground-up using Red Hat Jboss Application Platform
- Installed and maintained Red Hat Cluster (RHCS) for customers (RHEL4 , RHEL5)
- Maintained company virtual infrastructure starting from Vmware ESX 2.5 to Vmware 4.1

Alcatel-Lucent Turkey. (June 2007 - April 2008)

INTERNATIONAL SENIOR TAC SUPPORT ENGINEER (JUNE 2007 – APRIL 2008)

- Responsibility of giving support for ADSL Management Product works on SOLARIS
- Installed and maintained group of Solaris systems
- Has created in house developed Bare-Bone Installation (Solaris Jumpstart)
- Has given support for Solaris UNIX for company
- Worked on SLA Based systems for all EMEA, Arabic, African countries
- Development and management of MIS Reports on Intranet

Military Service (December 2006 - May 2007)

SERGEANT (DECEMBER 2006 – MAY 2007)

- Managed group of people that serves for communication
- Installed and maintained UNIXware based communication software for internal needs.

Tubitak – UEKAE The Scientific and Technical Research Council of Turkey – National Electronic, Cryptology Research Institute **(2001- December 2006)**

SYSTEM ADMINISTRATOR , SECURITY AUDITOR (JUNE 2001 - DECEMBER 2006)

- Installed and maintained various servers based on RHEL, OpenBSD, FreeBSD, Suse Enterprise Linux including Web Server(LAMP), DNS Server(DJBDNS) , Firewall (PF, IPF) , Backup Solutions (Bacula)
- Migrated OpenBSD firewalls and designed new networks on need.
- Has made consultancy for various software teams on designing firewall, VPN, IPSEC solutions
- Has made consultancy for FreeBSD based firewall appliance and designed software release build process from scratch
- Has written various security checking tools using shell scripts
- Act as an instructor for Linux / UNIX OS Security for different customers
- Has written OS Auditing guidelines for Tru64 UNIX, Linux, Solaris, IBM AIX, HP-UX
- Audited various customers both military and private companies.
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EDUCATION

- Bachelor of Electronics and Communicational Engineering (English) from University of YILDIZ (Feb 2005)

CERTIFICATES

- **RHCE** Redhat Certified Engineer #805010651252156 (RHCE) with score of 100/100
- **Red Hat Partner Platform Certified Salesperson** License 00026965
- **Red Hat Partner Virtualization Certified Salesperson** License 00026946
- **Red Hat Partner Middleware Certified Salesperson** License 00026915

COURSES

- Red Hat RHCE Rapid Track Course from Perception Academy

SOFTWARES

- Has contributed to QMAIL-LDAP (QLDAPADMIN) tool that allows to add, delete domains; add,delete users within doman; edit users preferences with different binaries. This tool is the first project in its branch done in "internet" domain. (<http://www.enderunix.org/qldapadmin>) .Written in C++

- Has contributed to Isoqlog (<http://www.enderunix.org/isoqlog/>) software which is a MTA log analysis program written in C. It designed to scan gmail, postfix, sendmail logfile and produce usage statistics in HTML format for viewing through a browser. This software has also been selected as the first project in the Open Source software contest which was done by IBM Turkey (<http://www-5.ibm.com/tr/products/linux/odul/index.html>) and also received best free software of the year award by linux.org.tr

PUBLICATIONS

- Security Basics in UNIX (<http://www.linux.org.tr/documents>)
- Security Auditing Documentation in Linux (<http://www.linux.org.tr/documents>)
- Concepts and Free implementation of LDAP(http://www.enderunix.org/docs/ldap_fundamentals)
- *OpenBSD Installation Guide (http://www.enderunix.org/documents/openbsd_installation.html)
- DjbdNS Installation Guide (http://www.enderunix.org/documents/djbdns_installation.html) This document has also referenced by official DjbdNS site (<http://www.djbdns.org>) This document has also rewritten in English and mentioned at www.djbdns.org
- *FreeBSD Installation Guide (http://www.enderunix.org/documents/freebsd_kurulum)
- *Making a stable system with FreeBSD (known as "make world") document <http://www.enderunix.org>
- A document about Linux High Availability implementation that details both concepts of HA and installing linux-ha software in Turkish (http://www.enderunix.org/docs/high_availability.html). This document has also mentioned in www.linux-ha.org
- Has contributed to upcoming Linux book " Kim Korkar Linuxten" from Pusula publications
- An article about BSD systems (Free,Open,NetBSD) and Installation of FreeBSD from scratch in BYTE magazine's turkey branch in July 2003
- BSD brochure for BSD advocates (www.enderunix.org/docs/bsd_brosuru)

*These documents are first Turkish Documents in their branch.

BOOKS

- Written first Turkish FreeBSD book "**Kurulum, Yönetim ve Servisleriyle FreeBSD İşletim Sistemi**" by Acikkod Publications <http://www.acikkod.com/catalog/freebsd/>
- Translation of Oreilly Network Security HACKS books as **Ağ Güvenliği İpuçları** <http://www.acikkod.com/catalog/nethacks/>

TECHNICAL AND NON-PROFIT SUBSCRIPTIONS

- Member of IEEE community for 3 years
- Member of TEMA (The Turkish Foundation for Combating Soil Erosion, for Reforestation and the Protection of Natural Habitats) for 2 years
- Member of Linux User Group of Turkey for 2 years. (Member #17)
- OpenSolaris Turkey User Group Coordinator (http://www.opensolaris.org/os/community/os_user_groups/tosug/) (June 2006 –June 2010- Ended due the termination of OpenSolaris Project by Oracle)
- BSD Certification Group Turkish (www.bsdcertification.org) Translator

- Member, Founder and Core Team member (ended as of 2008) of EnderUNIX Software development team

PERSONAL INFORMATION

- Nationality: Turkish
- Birthday: March 18, 1980
- Place of Birth: Istanbul / Turkey
- Marital Status: Married
- Military Service: Completed
- Foreign Language: English (Excellent)

REFERENCE

References will be given upon request