



## OMER FARUK SEN

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### SECURITY CONSULTANT-INSTRUCTOR/ SENIOR UNIX SYSTEM ADMINISTRATOR / SOLUTION ARCHITECT/INSTRUCTOR

SECURITY CONSULTANT-INSTRUCTOR, UNIX SYSTEM ADMINISTRATION – DIRECTOR OF TECHNICAL BRANCH  
- PRODUCT MANAGER – SOLUTION ARCHITECT

Highly accomplished individual working in market since 1999 on Red Hat, UNIX Administration and Security Auditing, PreSales for security and infrastructure products, also managed a group of people responsible for managing systems including mission critical systems such for Telco, Banking, Media, GSM customers. Expertise titles are

- UNIX/Linux Security Auditing
- Security Awareness Trainings
- 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 6.X , RHEV
- Cloud Infrastructure Knowledge
- Netscaler, FireEye, Centrify, Solarwinds, Zimbra, OpenStack
- Radius Clusters(FreeRadius) Design and Implementation
- RHEL, RHN Satellite, Red Hat systems
- Oracle Solaris Systems
- Squid,Samba,Qmail,Postfix
- Book writing on FreeBSD, Security
- Oracle Enterprise Linux
- Suse Enterprise Linux
- NetScaler Load Balancer
- SourceFire (Snort) IPS
- Bind, Djbdns,
- UNIX/Linux Security Auditing
- Security Awareness projects
- Technical and Product Manager of various software vendors (Tripwire, Nexpose, Red Hat)
- SIEM (McAfee,Ossim)
- Jboss Tomcat, Java

## EXPERIENCE

### Endersys Danışmanlık ve Yazılım Ltd. Şti. (April 2008 – June 2015)

#### CHIEF SOLUTION ARCHITECT, PROFESSIONAL SERVICES (MARCH 2012 – JUNE 2015)

- Manages Technical Expertise of Endersys
- Giving Consultancy to Sales and Technical Departments on new projects on security and infrastructure
- Has given Security/Auditing and Infrastructure to named Customers.
- Inspects Emerging Markets,Technologies and provide insights to Sales and Technical Departments
- Design or one or more applications or services within an organization
- Making PoC for Important Projects (Mainly Telco/GSM and Finance Sector)
- Finding new products on IT Security market to sell and integrate in Turkey market. Negotiating with vendors and integrating products to company (learning it first hand and training technical people)

- Attending meetings as a Pre Sales and understanding customers needs and aligns it with company product portfolio for Telco/GSM and Finance Sector companies.
- Training customers for certain security/infrastructure products.

#### DIRECTOR, PROFESSIONAL SERVICES (JUL 2009 – MARCH 2012)

- 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
- Snort, Ossim, Bastille Linux, CIS Security Security and Auditing

#### 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.
- Has given trainings for Open Source Security Products
- Has installed Snort on Linux for government/finance organizations
- Used Open Source Security Tools massively (Hping,Nmap)

## **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
- **RHCE Red Hat Certified Engineer for RHEL7** 150-098-838
- **Red Hat Partner Platform Certified Salesperson** License 00026965
- **Red Hat Partner Virtualization Certified Salesperson** License 00026946
- **Red Hat Partner Middleware Certified Salesperson** License 00026915
- **Citrix Certified Professional – Networking (CCP-N)**
- **FireEye Junior System Administrator**
- **Tripwire Enterprise Product Technical Certificate**
- **Solarwinds Network Products Administrator**

## 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 domain; 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 qmail, 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](http://www.enderunix.org/docs/ldap_fundamentals) )
- \*OpenBSD Installation Guide ( [http://www.enderunix.org/documents/openbsd\\_installation.html](http://www.enderunix.org/documents/openbsd_installation.html) )
- DjbdNS Installation Guide ( [http://www.enderunix.org/documents/djbdns\\_installation.html](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](http://www.djbdns.org)
- \*FreeBSD Installation Guide ( [http://www.enderunix.org/documents/freebsd\\_kurulum](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](http://www.enderunix.org/docs/high_availability.html) ). This document has also mentioned in [www.linux-ha.org](http://www.linux-ha.org)
- Has contributed to 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](http://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/](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](http://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