

SEAN D. ACKLEY

PO BOX 398 · Brentwood, CA 94513 · Mobile: (510) 409-9908 · Fax/VM: (408) 273-6360

Email: sean@ackind.net

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Objective

I am looking for an opportunity which creates a synergy where I thrive at what I love to do and make the goals of the company a reality. I can be a lead role in SaaS systems infrastructure among other responsibilities and get down in the trenches to make things happen. I love making data perform its job, in whatever capacity that is required.

Skills and Experience Overview

Cloud, SaaS – SaaS Infrastructure and Systems, Network and Security Engineering, *Marketing, e-mail delivery, deliverability, delivery assurance, ISP and ESP management, Openstack (dev)*

Network Software – *PowerMTA, Postfix, CommuniGate, BIND, mrepo, Kerberos, LDAP, SSO, Nagios, Netapp 7.x, DNS, F5 load balancers, Cisco (basic), troubleshooting skills*

System Administration – *CentOS, Ubuntu, Solaris (as needed), Windows Servers 2000-2012 (as needed), Wordpress*

Experience

2014 Taos, Telmate, ABC Transportation, Hortonworks, E-Merchant Solutions, Alpha Internet, We Are Change Consultant, working at multiple companies under contract.

Skills used: *CentOS, Ubuntu, Openstack (dev), Solarwinds, Nagios, NagiosXI, networking, security, Kerberos, LDAP, SSO, Apache2, Wordpress*

2008-2014 [Responsys, Inc.](#) (recently purchased by Oracle)

Senior Systems Administrator. Job includes strategy for SaaS e-mail delivery, Linux, PowerMTA, infrastructure and more.

Skills used: *PowerMTA, Postfix, Linux (CentOS 4.x and 5.x), Windows 2008-2010 Server (basic), Netapp 7.x, EMC Storage (management only), Solaris 10.x (basic admin), F5 load balancer (includes training), Cisco appliances (switches, routers, security), DNS (bind), Open LDAP (basic), MySQL (basic), Apache, LAMP stack, PHP Zend (basic), JRE, Apache Tomcat (install, triage, log analysis), jBOSS (install and support), Nagios, Centreon, architecture and design for many SaaS and data center functions, Symantec virus scanner+AMD.*

2005-2008 [Taos](#)

Consultant, working at multiple companies and supporting operations as needed.

Skills used: *Linux, Windows, System Administration, LDAP, Netapp, SaaS video delivery, content management*

2003-2005 [Eloan, Inc.](#)

Systems group engineer. Job duties include maintaining systems, VMware, Web servers, networking, firewalls, and security. I implemented and maintained the companies Checkpoint Firewall and VPN NGAI solution (multiple redundant gateways). I implemented and maintained the Netscreen IDS solution. I implemented the initial proof of concept for the VMware model being used and implemented the initial production scenario with documentation.

Skills used: *Checkpoint NGAI and SPLAT; Netscreen IDS appliances; network troubleshooting; Cisco routers (3600 series) and switches (3500 and 6500 series); Dell server hardware (1650/1750/2650/6650/2850/2950); basic Sun hardware, basic Solaris interaction; extensive Redhat/CentOS Linux interaction, shell scripting, and operational needs; Windows servers (2000 and 2003), software loads and maintenance; BIND; Sendmail; Postfix*

Skills used: *Checkpoint NG FP3; Nokia IP appliances; Netscreen appliances; VPN; ISS Real Secure; network troubleshooting; customer interaction.*

Expanded Skills and Experience

- Cloud, SaaS –** *Marketing, e-mail delivery, deliverability, delivery assurance, ISP and ESP management.*
- Network Software –** *PowerMTA (3.x and 4.x), Sendmail, Postfix, Communigate, BIND, Windows DNS/AD, Webmin, Kerberos, LDAP, SSO, RedHat tools (rpm, chkconfig, xinetd), raidtools, logrotate, extensive Nagios monitoring, Google mini search appliance, other admin tools.*
- System Administration –** *Linux (Redhat/CentOS 5.x and 6.x), Solaris 8-10), Windows 2000-2012 admin, Active Directory admin and troubleshooting (basic), Exchange 2003-2008 admin, Windows 2003 clustering (basic SAN deployment), shell scripting, troubleshooting, basic perl manipulation, LDAP (Windows and Linux), Citrix Metaframe security, Remote Desktop, Terminal Server, VMware Server, VMware VirtualCenter.*
- Network Security –** *Firewalls (Netscreen, Checkpoint 3.x/4.x/NG/NGAI/SPLAT, PIX/ASA), VPN (Netscreen, Checkpoint, Cisco and PIX), Protocol Analyzers (tcpdump, Etherpeek, Iris, Sniffer), IDS/IPS (snort, ISS Real Secure, Sentinel, Netscreen IDP), tcp/ip troubleshooting, Intrusion Analysis, Intrusion prevention, Network scanning and reporting (ISS, Retina), Network monitoring, PKI (Windows, RSA, tokens-2 factor); Security In Depth practices.*
- Networking –** *Design, moves/add/changes, routers (Cisco), switches (Cisco, 3com), IOS working knowledge, tcp/ip fundamentals including routing and subnets, troubleshooting.*
- Storage –** *Netapp Network Appliance (R200 near-line storage system, 3020 +higher devices, and legacy 800 series models) including NFS, CIFS and SAN deployments. Adaptec and LSI RAID hardware, Dell, HP, Supermicro.*
- Communications –** *Network cabling, patch panels, wiring design, T1/T3/Fiber, Fiber and comm. plant, data room needs.*
- Data Center –** *Server/cabinet placement, management of systems, remote operations, power and cooling.*
- Testing –** *VMware modeling, test labs (full scale and virtual scale), scenario profiling.*
- Web Sites –** *HTML coding, application support, MySQL, back-end scripts, Apache, IIS, Basic SQL, Oracle installation and administration (basic), J2EE support including Jetty/Tomcat/Apache plugins and concepts.*
- Forensics –** *Software/hardware (write blocking), deep analysis and reporting; basic EnCase; Linux/Windows tools (STD, and Forensic tools); data recovery; Windows data mining (live and offline); Chain of custody preparation.*
- Preferences –** *Macbook Pro OSX desktop, Windows 7/8 desktop, Windows server remote access, Synology Storage, CentOS Linux*

Interests

I thought it important to list my interests, and not just professional experience. I have a deep love of data mining and data extraction. I have a personal (*and somewhat professional*) interest in digital forensics and reconstruction. I have been experimenting with book reconstruction and deep recovery of damaged parchments. I have a love of historical books and texts, and the associated library and cataloging/indexing requirements thereof. My love of data has also created a large archive of e-books and a vast personal library of texts, books, magazines and newspapers for archival storage. I also have a huge interest in how data travels, social media and e-mail formats, including marketing and e-mail lists. I also have a huge personal and family interest in politics and understanding of how the real world works, including economics and international foreign affairs.

Magazines I subscribe to are: 2600, Foreign Affairs, Wired, Skeptics, Homeland Security, Intelligence Report, Janes Quarterly, Scouting Magazine, Infowars Magazine, International Business Times, Financial Times, Free Press, American Free Press, New Republic, The New American, Infowars RSS, Feedly RSS and more.

Formal and Technical Education

2008 F5 load balancer training
2005 Netapp hands-on training course Involvement with configuration, deployment and troubleshooting
2004 Citrix Metaframe security training Basic and mid-level technical education on Citrix and security practices
2001-2002 Netscreen Training Various forms of Netscreen training, including hands-on, and classroom instruction. Instruction on operation of Netscreen appliances, and Global Pro management software.
2001 RSA Security and certification Took course related studies and certification for PKI and RSA SecureID technology. This was the course prior to the release of Keon.
2000-2001 Cisco Courses Multiple Cisco courses ranging from routers, to PIX firewall. I took these courses as a part of my hands-on training during a 2-year period at SBC.
1998 MCSE Courses at Heald College (9 weeks) I took 3 MCSE courses, which included NT Core Technologies, Microsoft TCP/IP, Supporting NT in the Enterprise, and Exchange Server.
1997 Network Analysis Institute I took a 1-week course from the Pine Mountain Group on TCP/IP fundamentals and structure.
1997 MCSE Courses at IBM (4 weeks) I took several MCSE courses in 1-week classes, which included NT Enterprise, Microsoft TCP/IP, Exchange Server, and others.
1997 IBM AIX Courses (2 weeks) and certifications I took Mid Level and Advanced AIX 1-week courses from IBM.
1997 Checkpoint 3.x Course and certification Sun Solstice experience, and hands on training on Checkpoint 3.x software, and Solaris firewall solutions.

Professional Associations

FBI Citizens Academy (http://www.fbi.gov/hq/ood/opca/outreach/citizens.htm) My involvement: The San Francisco Division held its first academy, and I was honored to be a part of the select group. We learned many aspects of the FBI and how they really work. It was a great experience as I don't believe many Americans realize what it takes to fight crime and the FBI's role.
FBI Infragard (http://www.sfbay-infragard.org/) My involvement: I am a part of the Infragard to keep current on local security matters which involve a wider range of issues other than basic network security. The networking potential and meeting others in the field is invaluable. Official: InfraGard is a Partnership between the private sector and the U.S. government represented by the Federal Bureau of Investigation (FBI). The InfraGard initiative has been developed to encourage the exchange of information by the government and InfraGard members.

Additional Skills and Experience

▶	I consider my strongest ability to be that of quickly understanding and adapting to the network environment of the job. I can come up to speed and be expected to perform in harsh environments. My skills to properly work with clients, achieve my directives and complete objectives is second nature to me. ☑
▶	SaaS e-mail delivery, PowerMTA, Postfix, deliverability, delivery assurance, ISP/ESP services ☑
▶	TCP/IP networking, troubleshooting and administration. ☑
▶	VPN design, engineering, and implementation with primarily the Netscreen appliances. Extensive Checkpoint/Nokia, and PIX. Cisco Concentrators are also among the other leading vendors I deal with and can support. ☑
▶	Windows 2000-2012 server and administration, basic domain and AD infrastructure including Exchange, Citrix, clustering, AD/DNS/WINS/DHCP and other applications ☑
▶	F5 Load Balancers, nodes, VIP's, Layer-2 farms, routing, DHCP ☑
▶	Netapp, Network Appliance storage 7.x, Flex Vols, Aggregates, planning, home dirs ☑
▶	Firewall design, engineering, and implementation up to an enterprise level. ☑
▶	Firewall systems: Netscreen, Checkpoint 3.x/4.x/NG, Nokia IP, and PIX. ☑
▶	Extensive Internet design, ISP, co-location, data center and implementation. ☑
▶	Protocol Analyzers, including Sniffer, Etherpeek, Iris, tcpdump/snoop, ethereal/wireshark ☑
▶	Network Scanners, including ISS, Retina, nmap, Nessus ☑
▶	Personnel management, project management, team leadership, and project focus. ☑
▶	Unix: Linux (Red Hat/CentOS 4.x, 5.x, 6.x), Solaris 8-10 (basic), AIX (basic), others ☑
	<i>Other skills and experience from my past is available on request</i>
▶	<i>Extensive troubleshooting, encompassing all of the above technologies and skills.</i>

References and historical resume available on request.

Last Modified on Monday, September 29, 2014