

Stian Oksavik

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Objective

I am seeking a full-time position in the fields of system and/or network engineering. The ideal position would take advantage of my skills in both systems and network administration, and also make use of my management experience.

Skills

Network Engineering

- Network operating systems: Cisco IOS, CatOS; Juniper JunOS; others
- Network hardware platforms: Cisco, including the Cisco 7200, 7600 series routers, the Cisco Catalyst 6500, 4500, 3700, 3500 series switches, the Cisco 5300, 5350, 5400 series Access Servers and ASA/PIX firewalls; Juniper, including J and MX series switches, M series routers and Netscreen firewalls; Extreme Networks switches, Foundry (now Brocade) BigIron and NetIron series switches, load balancers; Adtran; Force10 and more
- Extensive experience designing and implementing large IP networks
 - Assisted in deployment of IPv6 network in 15 countries
 - Deployed a national US network with nodes in seven states
- Thorough knowledge of layer 2 technology, including Metro Ethernet and MPLS
- Thorough knowledge of layer 3 technology, including IPv4 and IPv6 routing
- Routing protocols: OSPF, IS-IS, EIGRP, BGP (iBGP and eBGP), BGP4 (IPv6) and others
- Firewall experience: Cisco IOS, Cisco ASA/PIX, OpenBSD pf, FreeBSD ipf/ipfw, Linux iptables
- Extensive experience with network design for both service provider and enterprise environments

Linux & UNIX System Administration

- Server operating systems: Solaris, Linux (various distributions), AIX, FreeBSD, OpenBSD and more
- Server software: BIND, PowerDNS, Apache, MySQL, Plesk, Nagios, PostgreSQL, Intermail, SurgeMail, Exim, Postfix, Sendmail, OpenSSL, OpenSSH, ProFTPD, Vsftpd, CVS, Mercurial, Solstice DiskSuite, Inktomi caching software, and more
- Server security: IPTables, IPfilter, IPFW, OpenBSD PF, SELinux, AppArmor
- Protocols: DNS, FTP, HTTP/HTTPS, IMAP, LDAP, POP3, SMTP, SSH/SFTP, SQL and more
- Programming and scripting: C, C++, Pascal, Perl, PHP, shell scripts (Bourne sh, bash, csh)

Windows System Administration

- Server operating systems: Windows Server 2000, 2003, 2003R2, 2008
- Microsoft software: Active Directory, Exchange, IIS, MS-SQL
- Third-party software: GE Diamond access control, SolarWinds Orion network monitoring, Engage billing and provisioning, Nform monitoring, ACT, VOPradius, Plesk

Virtualization

- Virtualization environments: VMware, Sun VirtualBox, Microsoft Hyper-V, Virtual PC, Xen
- Experience with a multitude of operating systems as both host and guest

Voice over IP

- Extensive experience with Cisco Unified Communications Manager (Call Manager)
- Some experience with Asterisk and Broadsoft platforms
- Knowledge of voice gateways, dial plans and call routing

Facilities Engineering

- Power systems: UPSes, transfer switches, generators
- Some experience with environmental monitoring, surveillance and access control

Management

- In charge of Engineering Department at Host.net 2005-2007
- In charge of Architecture Department at Host.net 2008-present
- Responsible for planning and implementing national network & infrastructure
- Two direct reports, encompassing systems & networks divisions

Miscellaneous

- Familiar with all common desktop operating systems and office suites
- Experience with administration of non-UNIX platforms, including Windows & Active Directory
- Multilingual in English, German, Norwegian; some knowledge of additional languages
- Excellent communication skills; customer service and technical support experience
- Class A Commercial Driver License

Experience

BroadbandONE, Inc. D/B/A Host.net, Boca Raton, Florida

Systems/Network Administrator	2005-2006
Director of Engineering	2006-2007
Chief Architect	2008-present

- Instrumental in designing and implementing national network
- In charge of significant network upgrades and overhauls
- Responsible for server farm comprising all major ISP services, including email and web hosting
- Responsible for network security, integrity and performance
- Handled customer support escalations (third and fourth tiers)
- Planned and heavily contributed to several major integration efforts following acquisitions
- Designed and assisted in planning, design implementation of customer networks
- Wrote custom software for network monitoring, CALEA compliance and Intranet use
- Obtained SAS 70 Level II certification for the company's Boca Raton facility
- Assisted in building two separate Voice over IP networks

- Built several points of presence from scratch (Atlanta, Dallas, Los Angeles, Miami, Dallas)
- Trained support staff on technologies used by the company
- Assisted with deployment of diesel generators

UPC Technology (Chello Broadband), Vienna, Austria

ISP Systems Engineer

2001-2004

- Configured and maintained a variety of Sun Solaris-based servers
- Maintained mail systems using InterMail (postmaster)
- Implemented DNS setups spanning multiple countries (BIND)
- Performed security audits on numerous systems
- Customized an automated server baseline using Solaris Jumpstart technology
- Created a number of Solaris packages for internal distribution
- Built a point of presence from scratch (Budapest, Hungary)
- Analyzed capacity of various internal systems to plan for future growth
- Provided technical support to colleagues on Solaris and other UNIX environments
- Responsible for secure remote access to production and lab systems throughout the company
- Coordinated with Sun Microsystems on solutions, upgrades and replacements
- Built and maintained a Cisco router/switch lab environment for training purposes
- Helped design, build and maintain a worldwide IPv6 backbone (AORTA)
- Helped design, build and maintain a redundant web server environment for customer sites
- Helped maintain intrusion detection systems across the company's international backbone (Arbor)
- Helped maintain and monitor several different volume tracking systems (Stargus, Xacct)

El Rio Apartments, Austin, Texas

Network Administrator

1999-2001

- Implemented heterogeneous LAN consisting of Mac OS, UNIX and Windows systems
- Provided high speed Internet access for the apartment complex through an ADSL line
- Continuously monitored network performance to ensure maximum uptime
- Provided setup assistance and technical support for tenants

University of Texas at Austin, Austin, Texas

Systems Administrator

1998-1999

- Installed, administered and maintained multiple computer networks
- Installed, configured and maintained individual staff computers and peripherals
- Made recommendations on equipment purchases
- Provided technical support for staff members

Ra Data AS, Kongsberg, Norway

Computer Technician

1990-1996

- Provided customer service and technical support
- Diagnosed problems, repaired and upgraded equipment
- Installed and configured equipment at customer sites
- Maintained LAN and WAN for both the employer and several of their clients
- Trained customers in usage of equipment and software applications

Education

University of Texas at Austin

1996-2001

- 93 credit hours towards B. S., Computer Sciences
- Minor in Linguistics
- Officer of the Association for Computing Machinery, UT Chapter

Tinius Olsens Skole, Norway

1992-1996

- High school diploma
- Specializations in Computer Science and Electrical Engineering
- Assistant administrator for school's network and computer labs

Sun Certified Solaris System Administrator

2003

- Certified on Solaris 9 Operating Environment

Cisco Certified Network Associate

2003, 2008

- Original certification in 2003
- Recertified in 2008
- Higher certifications in progress (CCIE Routing & Switching)

Dale Carnegie Management Training

2008

References

References are available upon request.