

CURRICULUM VITAE

Ole Michaelsen
Copenhagen
Denmark

Personal Data:

Date and place of birth : 31st August 1975, Copenhagen
Marital status : not married
Citizenship : Danish

Career objective:

Seeking a challenging and rewarding full-time permanent position in which I can utilize my Unix, high availability, network, and security expertise in an environment that encourages technical innovation and initiative.

Professional Accomplishments:

- (March 2007 - present) IBM Service Delivery Center Denmark, Brøndby, Denmark

Unix administration of large enterprise class SUN servers, primarily on the APMM and Danske Bank accounts, including SF2900, SF12K, SF15K, and SF25K with IBM SVC, HDS 9980V and USP SAN. Automation, fix-ups, incident and problem operations, change operations (everything within ITIL framework). Installation and configuration of Oracle 10G in Sun Cluster 3.2. SAN migrations, Solaris 10 zones, ZFS, SVM soft partitions.

- (January 2004 - February 2007) Telia (formerly Orange A/S), Copenhagen, Denmark

Unix administration for Server Operations Group, Operations Department, Technology Division.

Senior Solaris administrator.

Automation, processes (ITIL), documentation.

Formalizing and implementing procedures for SOX controls.

SUN Enterprise 220R, Sun Fire 280R, V240, 480, 490, 880, 2800, 2900, 4800, 6800: Hardware and firmware maintenance and upgrades. Solaris 8, 9, 10 installing, tuning, troubleshooting, harmonizing, patching, securing.

Redhat Enterprise 2.1, 3.0 and 4.0 Linux-servers with Squid, Bind9, sendmail, apache, Tomcat in load balanced, highly available configurations with Alteon Webservers and Cisco Content Switches.

Setting up Solaris for applications like NetOne, Tomcat, BEA Weblogic, Peoplesoft CRM; with Veritas Volume manager, Veritas Cluster Server, HP OpenView, HP DataProtector and/or Veritas Netbackup.

Upgrade of Veritas HA Storage Foundation Suite to 3.5MP3 and 4.1.

Advanced shell and perl scripting to monitor end-to-end business processes, health of databases, performance of webproxy servers, centralized administration of large number of servers. Integration with HP OpenView.

HP MeasureWare deployment and customization.

Working with HP-UX on Superdome, Keystone, and smaller HP PA-RISC servers, and with Tru64 on GS160, GS140 and smaller HP Alpha servers.

Participating in 24/7 on-call duty roster for Solaris, HP-UX, Tru64, and Redhat Linux.

Some experience with VmWare ESX, BMC Control SA, CA identity management, and SUN Identity Management System (SIM).

- (April 2002 - December 2003) ESOC/ESA, Darmstadt, Germany

ESOC is the Operations Centre of the European Space Agency (ESA).

Employed by Terma A/S in Denmark, working on contract as an Office Automation Engineer (part of Terma's Professional Services) at ESOC.

Primary tasks included Unix systems engineering in general, and email infrastructure engineering in particular.

Engineering of systems and solutions with Sendmail, Apache, WU-ftp, Sun Volume Manager (aka DiskSuite), BIND.

Extensive sendmail engineering, consolidation, debugging, and integration with MIMEDefang, SpamAssassin, SMTPAUTH/TLS.

Lead technical architect on ESA-wide SMTP clean-up and harmonization project.

Moderate exposure to Lotus Notes systems engineering - IQ-Suite from Group Technologies, installation and configuration of partitioned Lotus Notes R5 on Sun Solaris 8.

Installation and configuration of Lotus Notes R6.5.

SUN Enterprise 4500, 250, Sun Fire 280R, and smaller workgroup servers such as Ultra 10 and 5.

Third level support/helpdesk, QMS and ISO procedures and documents.

Interfacing with Unix administrators, Engineering Managers, vendors and service providers.

- (August 2000 - April 2002) Orange A/S, Copenhagen, Denmark

Unix systems, network, and security administration

Build 4 High Available cluster pairs on SUN Enterprise 220R, all with cluster software, FileSystem and Volume Manager from Veritas, and Fabric SAN with Secure Path from Compaq StorageWorks: Apache and BEA Weblogic cluster placed in DMZ. Virtual webhosting with PHP, SSL, mod_perl, ChiliSoft Active Server Pages, Frontpage 2000 Server Extensions.

Developed and configured virtual websites including configuration of Apache's mod_proxy module for providing access to intranet web servers.

Apache, Weblogic, DNS (BIND v8 with dynamic updates, TSIG, and ACLs) cluster on intranet.

StorageTek Acsls cluster on intranet. Used for controlling access to StorageTek Tape Libraries from Veritas NetbackUp.

TACACS, BIND, syslog-ng, cluster placed in DMZ. BIND with ACLs and jailroot.

Build Vantive Application Server platform for Vantive (now PeopleSoft) application on SUN Enterprise 3000 with Solaris 7, Solstice DiskSuite, fabric SAN from Compaq StorageWorks.

Build internal test server for Sun Ray thin clients on Solaris 8 on Ultra 10.

Build JumpStart server for hands off installations and configurations on Netra T1 with Solaris 8.

Build extranet Veritas NetBackUp MediaServer for backing up external machines in DMZ and other networks, on SUN Enterprise 220R with Solaris 8, and Veritas Foundation Suite.

Migrated existing mail gateways running Sendmail on Intel x86 boxes with Redhat Linux 7.1 to Solaris 8 on two Netra T1 with Veritas Foundation Suite.

Setup Tripwire, Psionic Abacus Logcheck, Secure Shell, OpenSSL, and general system securing and tightening of all products.

Formulated firewall and routing rules for all servers and services mentioned above.

Wrote installation guides, operational instructions and service level agreements (in cooperation with customers).

Performed daily maintenance and administration of servers and services mentioned above.

Acted as sendmail administrator for external mail relays. Acted as administrator for internal DNS service.

Installed and configured Squid webcache service on Compaq Alpha 800 with Tru64 5.1.

Installed and configured Nntpcache news service on Compaq Alpha 800 with Tru64 5.1.

Installed and configured INN news server on Compaq Alpha 800 with Tru64 5.1.

Ran security project with focus on mapping current security level on UNIX platform, suggesting changes, writing security policy, and implementing changes to match up with policy.

Participated in writing migration guide for migrating an entire department's FreeBSD services (firewall, SMTP, X, xntp, DNS) to Solaris, HP-UX, and Tru64.

Advised administrators, engineers, and developers on system and network security issues when placing servers in public available networks.

Participated in on-call 24/7 duty roster since May 2001.

- (January 2000 - August 2000) University of Copenhagen, Copenhagen, Denmark

Unix/Linux (Debian GNU) systems administrator at Department of Physics, University of Copenhagen (part time).

Supported 900 students and employees.

Documented configuration of servers and network. Debugged, developed, performed daily operations.

Modified systems to local needs, for example user administration tools for the secretaries, disk quota administration, publication databases.

Worked with IBM compatible x86s with Debian GNU/Linux running samba, NFS, postfix, BIND, dhcpd, INN, NIS/NIS+, amd, Amanda, Mathematica, IDL, Fortran90.

- (April 1998 - August 2000) University of Copenhagen, Copenhagen, Denmark

Unix systems administrator at Geological Institute University of Copenhagen (part time).

SUN/Solaris, GNU/Linux, SGI/Irix.

Performed daily operations of Ultra2, and Sparc Classics with Sun Solaris, SGI Octane with Irix, and a number of GNU/Linux boxes with Redhat Linux.

Maintenance, user support and security.

Programming tasks: modified existing programs, configured and installed new programs in Fortran, shell, and perl.

Planned for capacity, ordered purchases, configured and administered SCSI disk arrays, Solstice Backup Suite and later Amanda Backup on Qualstar Jukebox, laser printers, plotters, switches, hubs.

NFS, sendmail, postfix, BIND, Apache, FlexLM and many advanced commercial applications such as ProMAX, Landmark OpenWorks, Uniras, MatLab, IDL.

100 users.

- (January 1996 - August 2000) Egmont Kollegiet, Copenhagen, Denmark

Unix (and WinNT) network, security, and systems administration (part time)

Founded the campus network, acted as chairman of the network committee for three years.

Participated in all aspects of running the network and servers - planning, topology, operations, maintenance, user administration, security, development, and politics (negotiating with the University, with management etc)

Installed and maintained Windows NT on Digital Alpha 800, migrated later to Redhat Linux and eventually to Debian GNU/Linux.

Ran services such as primary DNS (BIND). WU-ftp, samba, apache, ISC-dhcpd, INN.

IBM compatible x86s with Debian GNU/Linux as software mirror server with rsync, as firewall/router with user accounting, and as secondary DNS.

450 users on MacOS, MS Windows OS, Unix variants (including FreeBSD, OpenBSD, and GNU/Linux) and AmigaOS.

References:

Available upon request.

Employment history:

Mar 2007 - Present	Unix Administrator	IBM A/S, Brondby, Denmark
Jan 2004 - Mar 2007	Unix Administrator	Telia A/S, Copenhagen, Denmark
Apr 2002 - Jan 2004	Office Automation Engineer	Terma GmbH, Weiterstadt, Germany
Aug 2000 - Apr 2002	Unix Administrator	Orange A/S, Copenhagen, Denmark
Jan 2000 - Aug 2000	Unix systems administrator (part time)	Uni. of Copenhagen, dep. of physics, Copenhagen, Denmark
Apr 1998 - Aug 2000	Unix systems administrator (part time)	Uni. Copenhagen, dep. of geophysics, Copenhagen, Denmark
Feb 1996 - Aug 2000	Unix systems, network, security administrator (part time)	Egmont H. Petersen's Kollegium, Copenhagen, Denmark

Education:

1995 - 2000	Physics and Mathematic (not finished)	University of Copenhagen, Copenhagen, Denmark
1994 - 1995	Military service	Mechanized infantry, Queen's Life Regiment, Nr. Uttrup, Aalborg, Denmark
1991 - 1994	High school with mathematics, physics and chemistry at an advanced level (A-level), Average score: 9.9 (on Danish 00-13 scale)	Hobro Gymnasium og HF-kursus, Hobro, Denmark.

Personal qualifications:

Strong interpersonal skills and able to communicate well, both verbally and in writing.

High level of motivation. Able to work in fast paced environments, in a team as well as individually.

Great problem solving skills. Thinks logically and analytically, works methodically and precisely. Pays attention to detail as well as the big picture.

Enjoys investigating new technologies and solutions.

Extremely excellent attendance record, good sense of humour.

Speaks and writes Danish, English, and German. Understands Swedish and Norwegian.

Relevant training courses/certifications:

Solaris 10 Features (SA-225-S10)	January 2008	Hvidovre	5 days
Sun Cluster 3.2 Administration (ES-345)	December 2007	Hvidovre	5 days
Bea Tuxedo Server administration	October 2007	Birkerød	5 days
Sun X4600 Maint. and Troubleshooting (WEB-5377)	January 2007	Copenhagen	1 day
HP-UX Differences (H5875S)	November 2006	Allerød	5 days
ITIL Foundation (incl. EXIN certification)	June 2006	Copenhagen	3 days
Veritas Storage Foundation HA 4.1	November 2005	Copenhagen	5 days
Solaris System Performance Management (SA400)	June 2005	London	5 days
Veritas Cluster Server 4.0	November 2004	Copenhagen	5 days
Lotus Notes R5 Intensive System Administration	November 2003	London	5 days
Rik Farrow Apache Security	November 2001	Copenhagen	1 day
Sun Security (SC300)	April 2001	Copenhagen	5 days
Veritas Cluster Server 1.3	March 2001	London	3 days
Veritas Foundation Suite	February 2001	London	5 days
Advanced Perl Programming (SU-221)	November 2000	Copenhagen	2 days

Non professional interests:

Alpinism/mountaineering/trekking, SCUBA diving, running, reading fiction, board games (like Risk), watches, sailing.