

Curriculum Vitae for Henrik Lund Kramshøj



Name	Henrik Lund Kramshøj
Address	Avnbøl Alle 7, DK-2770 Kastrup
Telephone	+45 2026 6000
E-mail private	hlk@kramse.dk
E-mail work	hlk@security6.net
Born	August 12. 1971, Aarhus
Marital status	Divorced
Children	A boy

Resume

- CISSP certified in 2003. CISSP is Certified Information Systems Security Professional and is administered by the international recognized organization (*ISC*)² <http://www.isc2.org>
- Master degree in computer science, cand.scient from DIKU, Department of Computer Science, University of Copenhagen. Title of the thesis is *Designing Internetworks with IPv6*. The thesis is available from the address <http://www.inet6.dk>
- Minor from the Technical University of Copenhagen, DTU in physics and electronics courses

Security philosophy

Security must be seen as a whole and as part of an integrated solution for companies. Security includes besides the technical solutions also areas of disaster recovery and employment policies - security policy, IT security policy, capacity planning etc.

The development of society has made security a necessity.

Associations

- Secretary in the society called Sikkerhedsforum DK (translated: Security Forum DK), and founder of that group - see www.sikkerhedsforum.dk
- Member of the executive council for ISOC in Denmark - see www.isoc.dk
- Member of the NET group of DKUUG, see www.dkuug.dk
- Active participant in debates and discussion of freedom and surveillance among other places through Big Brother Awards DK, 1984 web site in Denmark - see www.1984.dk, www.bigbrotherawards.dk
- Active in the Danish IPv6 taskforce, see <http://http://www.dk.ipv6tf.org/>

Detailed CV

Career:

2003 Freelance consultant, **Security6.net**.

2002 Security Researcher, Neupart A/S

Responsible for developing content for the product SecureAware, with focus on integration with Danish Standard DS-484 and BS7799/ISO17799.

Further I have carried out consultant task in security policy development for customers in the financial and public sector, as well as the food industry.

2001 Senior consultant, PricewaterhouseCoopers, Global Risk Management Services

Hired 3 months with tasks in IT security.

2001 Security Engineer, VIGILANTE

Responsible for carrying out manual security test across Internet and enhancing penetration testing methods used.

I was promoted to Group Manager for the ISIS department which had 5 employees. ISIS department carried out manual penetration testing, while developing the product by testing new tools and methods, finding new security vulnerabilities and stay alert of new trends in Internet security.

2000 Senior System consultant, Aston Enterprise Server

Responsible for projects with UNIX/AIX.

1999 System consultant, WM-Data BFC, AIX department

Responsible for projects with AIX installations, including setup, installation and configuration of RS/6000 SP (Scalable Power-parallel server consolidation) and HACMP (High-Availability) installations.

1995 AIX IT-consultant, IBM Lyngby Denmark, AIX and NT Integrations Services

Administration of internal systems, and consultant jobs with basic AIX installation, upgrading and administration.

1994 Student helper IBM Allerød, Denmark

primarily working with database systems, PL/I programming, C programming and support functions.

Throughout my career there has always been a lot of customer contact. I have have been responsible for projects of all sizes for customers in almost all segments.

Competences

My competences includes the following from expert level and down:

- **Expert - level**
- Basic UNIX planning, installation, upgrading and administration primarily AIX, OpenBSD, Linux - but have done lots of work on others
- Unix security, sockets, daemons, SUID/SGID, SSH etc.

- TCP/IP configuration for servers, clients and somewhat advanced routing
- Internet protocols - especially IPv6
- Disk layout, mirroring, disaster recovery, backup strategies, high availability
- Firewalls and security in general
- Teaching technical subjects to audiences of all kinds - in Danish or English
- **Near-Expert level**
- Writing security policies
- Data communication, networks, serial connections, modem
- Unix systems boot and initialization, architecture, processes, kernel, SMP
- **Experienced**
- PSSP (AIX SP administration) - parallel server
- Setup and administration of the ADSM, now Tivoli Storage Manager, backup tool
- Performance on Unix and estimating systems for performance
- Windows NT/2K basics, setup and possibilities
- Structures penetration testing of networks and systems
- Internet technologies such as DNS, DCE/DFS, NFS, CDE, X11, DB2, Oracle, SAP R/3, TeamConnection, VisualInfo, HTTP, Apache, proxy servers, firewalls, Java, C, C++, Perl, Cybercop, ISS Scanner, Nessus, Fyodor NMap, Cisco IOS, PDF, PostScript, LPD, OpenBSD, NetBSD, Linux, shell scripts, dial-in solutions, bootp and HACMP.
- Hardware installation for instance installation of hard disks, adapter cards and more

Supplemental courses

Work related courses I have participated on includes:

- AIX related course:
AIX systembetjening (AIX administration), AIX udvidet systembetjening (Advanced AIX administration), AIX/UNIX sikkerhed (AIX/UNIX Security), AIX performance og tuning (AIX Performance and Tuning), AIX fejlfinding og support (AIX recovery and support)
- Other IBM courses:
IBM Visual Age TeamConnection - configuration management, InternetConnection Secure Server (HTTP servers, web, Internet), IBM WebSphere course, IBM ALIGN methodology Workshop

Further I have participated in several AIX and RS/6000 conferences in Denmark and abroad.

Certifications

- CISSP certified in 2003. CISSP is Certified Information Systems Security Professional and is administered by the international recognized organization (*ISC*)² <http://www.isc2.org>
- Multiple AIX/IBM certifications
IBM Certified AIX User, IBM Certified AIX Administrator og Advanced Administrator, IBM Certified AIX Support Professional, IBM Certified Specialist - RS/6000 SP, IBM Certified Advanced Technical Expert - RS/6000 AIX, IBM Certified Solutions Expert - Net.Commerce Version 3

Formal Education

- 2002 Finished masters degree from DIKU, Department of Computer Science, University of Copenhagen, thesis done by May 2. 2002. Title of the thesis is *Designing Internetworks with IPv6*. The thesis is available from the address <http://www.inet6.dk>
- 2002 University courses and subjects I have studied includes among others: parallel programming, controversial database subjects, data networks, Java and distributed operating systems.
- 1998 Minor courses at Technical University of Copenhagen, DTU. This included obligatory and optional courses in electronics, VLSI design, digital electronics, micro programming, technical drawing and VHDL programming.
- 1990 - 2002 Student at University of Copenhagen, DIKU. Basic education in computer science which includes among other things: programming languages, low-level hardware programming, multiprogramming kernels, parallel programming, operating systems, networks, databases, functional programming languages, algorithms, compiler theory, designing user interfaces and system development
- 1987 - 1990 High school, (Danish Gymnasiet) focus on mathematical and physics at Metropolitanskolen