



SPECIALIST PROFILE

Personal Details

<i>Reference:</i>	BT2691
<i>Job Title:</i>	UNIX Security Specialist
<i>Nationality:</i>	British and Danish
<i>IT Experience:</i>	13 years
<i>Qualifications:</i>	Masters Degree Information Technology CCSE, CCSA, MCSE, CISSP
<i>Languages:</i>	English, Danish, Persian, Spanish, Portuguese, Azeri and Turkish
<i>Availability:</i>	On request

Overview

Architecture and Products:

AIX, APACHE, BIND, BSC, CHECKPOINT NG/AI, CISCO SECUREACS, CMS, CRYSTAL REPORTS, DAV, DHCP, DNS, FIREWALL-1, HLR, HP-UX, IGMP, INTERNET INFORMATION SERVICES, IPSEC, ITIL, LAN, LDAP, LINUX, MPLS, NFS, NIS+, NOKIA FIREWALL, NOKIA IPSO, NTP, OPSEC, ORACLE, PKI, PSTN, PXE, RAPID, RAS, RBAC, RHAS, RIP, SDH, SNMP, SOLARIS, SSH, SSL, SSO, TACACS+, TCP/IP, TITAN, UNIX, VPN, VRRP, WAN, WAP, WINDOWS, XEN, XVIEW,

Programming Languages:

ABAP, BASH, C++, JAVA, KORN SHELL, PERL, PHP, SHELL SCRIPT, SQL, VISUAL BASIC,

Specialist Experience:

Infrastructure security design and implementation.
Network security infrastructure management.
Unix security integration.
Distribution networks security integration.



Summary

Security consultant with Msci(Hons) in Computer Technology and over 19 years of post-degree work experience in large organizations with a proven track record confirming the broad experience including, but not limited to, software engineering, network security, operating systems, identity and access management, PKI, and infrastructure security architecture design and implementation. Ability to work comfortably in very complex environments. Able to speak English, Danish, Persian, Spanish, Portuguese, Azeri and Turkish; learning German and Russian now. Several industry recognized certifications including CISSP, CISA, CCSE and MCSE. Additionally, completed many training courses including, but not limited to CISM, Networking, RSA, Nokia, Cisco, Windows, UNIX and Oracle. Passed the basic security clearance (data subject access) as required by banks.

Job skills

- Delivery of cross-platform infrastructure security architecture design
- Ability to initiate and manage cross-functional teams and complex projects
- Ability to deliver cost reduction and improvements using dedicated process
- Strategic planning, execution, organizing and extensive new product development
- Understanding and adhering to security standards and practices like COBIT, ITIL, SOX and ISO27001
- Mentoring and development of IT staff
- Creative thinking and organizational skills
- Excellent communication and leadership skills
- Decision making and negotiating skills
- Analytical thinking, decision making and problem solving skills
- Adaptability and tolerant to stressed situations
- Business focused result orientation

Other skills

BS7799, ISO/IEC 17799, ISO27001, ISO27002, COBIT, ITIL, Sarbanes-Oxley Act (SOX), UNIX (SVR4.2, Solaris, AIX, IPSO), Redhat Linux, Cisco IOS, Windows, SQL, Quest VAS (Vintela Authentication Services), Vmware, Smartcards, SSO, Kerberos, PKI, Encryption, RBAC, Checkpoint NG/GX Firewall-1/VPN-1, Provider-1, Nokia, Cisco, OWASP, SIEM, Packeteer, RSA ACE SecurId, ISS RealSecure and Internet/System Security Scanner, CiscoSecure, Bindview (BV), Cryptocard, eSafe, TCP/IP, SSH, VRRP, SSL, DNS, SMTP, NFS, NIS+, LDAP, DHCP, PXE, SNMP, NTP, TACACS+, Wireless LAN (WLAN), GSM/GPRS, GGSN, SGSN, PSTN, WCDMA, HLR, CDMA, BSC, MSC, WAP, PKI, RAS, HTTP, RIP, VRRPmc, C++, Object Oriented Development, PHP, Perl, Java, Apache, FPSE, DAV, Xen, X, Xview, VB, Object Oriented Design, Database Design, Microsoft SMS/Proxy/IIS/Exchange Server, KSH/BASH, Crystal Reports, Shiva, MySQL, Oracle, Intrusion Detection (IDS), Penetration Testing, Risk Management, Gap Analysis, Content Security, Spam Filtering, Identity Management and Access Control, e-Commerce, Shell Scripting, OS Hardening, Virtualization, Rapid Deployment, Security, Consulting, Risk Analysis, Architecture Design, Strong Authentication ...

PROFESSIONAL EXPERIENCE

2007 - present

Security Engineer, Solutions Team for a technology company

Infrastructure security architecture design and development

Responsibilities:

- Working in line with ISO 27001/27002 (initially ISO/IEC 17799) standards within the organization
- Infrastructure security architecture design and development



- Provide solutions with accountability to increase customer satisfaction and reduction of running cost
- Support platform designers in hardening of standard platform builds
- Provide 4th line problem investigation and resolution of faults
- Develop business focused HLD/LLD, based on top level security architecture
- Supervise and coordinate support teams, external consultant and vendors in product design and development
- Work with the support communities to agree role definitions for the support community
- Closely review the existing designs for cost savings and security capabilities

Selected Achievements:

- Reviewed and selected the best security solutions supplied by various vendors
- Designed and implemented Identity Management, Smartcard, PKI, SSO and RBAC to enhance CIA
- Designed and implemented SSO on all platforms including Solaris and Redhat Enterprise Linux
- Integrated all UNIX systems (Solaris & Redhat) with Active directory
- Designed and implemented Quest Vintela VAS
- Deployed Vmware based virtualized services along the organization to enhance the security and reduce costs
- Successfully supervised the top level infrastructure architects with their top level designs
- Budgeted for the best solution enhancing the security while reducing the cost
- Cultivated relationships with clients as to accommodate their business requirements in the new infrastructure
- Adapted the new security architecture to the existing systems
- Evaluated the areas where the security could be improved while reducing the cost
- Negotiated contracts with key suppliers which replaced the ongoing expenses with one-off cost
- Utilized new technologies to reduce cost while enhancing the security and productivity

2006-2007

UNIX Security Consultant, ISS UNIX Security Team for a food processing company

Responsibilities:

- Security administration of 1500+ UNIX/AIX servers hosting GLOBE business systems
- Integrate UNIX with Active Directory as part of GLOBE SSO Project
- Selected Achievements
- Validated the accuracy and legitimacy of user accounts by implementing role based access control
- Reduced annual support cost by automation of the administration tasks
- Integrated all UNIX directory services with Active Directory by rolling out Quest Vintela VAS
- Implemented role based access control cross all UNIX and windows platforms

2006

Security Manager, Barclays Capital DSMP (Getronics) for a financial services company

Responsibilities:

- Security manager for security framework work package
- Ensure infrastructure architecture designs comply with bank's security framework (ISO/IEC 17799)
- Be the principal interface with the security manager and the teams
- Ensure the agreed specific security controls and solutions are implemented accordingly
- Liaise with 3rd party companies re infrastructure migration matters
- Provision of any agreed security policies, standards, procedures and solutions



- Provision of support and advice to implement the requirements of service
- Manage the infrastructure security, and provide leadership/catalyst for improvements in infrastructure security design processes.
- Direct cross-functional teams with focus on product application and advanced infrastructure security projects.
- Selected Achievements
- Smooth hand over of bank processes to new service management companies
- Solved project resource availability problems by introduction of simulated TVA
- Introduced the new product on time and below the approved budget

2005 - 2006

UNIX Security Specialist, Group IT Operations Security for a bank

Responsibilities:

- Operational security of 800+ UNIX systems, some hosting critical financial applications
- Liaise with business partners in order to maintain bank's security in acquisitions
- Technical project management and driving force for SOX/UNIX security projects
- Manage new engine family introduction, and provided leadership/catalyst for security implementation in IT projects.
- Direct cross-functional teams with focus on product application and advanced engineering system projects.
- Selected Achievements:
- Ensure compliance with bank's security framework (BISO/IEC 17799)
- Implemented CosDuty role based access control for the bank
- Successfully resumed and managed suspended UNIX security projects
- Developed system baselines and assisted UNIX teams in creating baseline reports
- Developed technical roadmap and mitigation plan for UNIX SOX compliance project
- Defined bank's UNIX security policies, standards and procedures
- Automated the SOX remediation process, reducing the costs and process time
- Worked closely with project teams to ensure solutions comply with bank standards
- Regularly audited UNIX systems and developed appropriate risk mitigation plans
- Designed SSO/RBAC, reducing administrative overhead while improving the security
- UNIX/SOX project status presentations for the operations security management
- Developed training course material to improve the overall productivity of the new employees
- Successfully supervised and coordinated project managers, support teams, external consultants and vendors in important global projects
- Assessed risks and vulnerabilities of bank's UNIX systems, reporting to the head of operations security

2004-2005

Principal Security Consultant, IS Security for a mobile network operator

Responsibilities:

- Ensure projects design compliance with organization's security framework (BS-7799, ISO-17799)
- Evolution and integration of security within Access, Core and Distribution networks
- Review and approve all Firewall and UNIX security designs, policies and standards
- Work with vendors and Technical Design Authorities across the business to review with peers to obtain sign off of architectural solution design. Ensure proposed Solution Designs align with best practice within the constraints
- Review and prove the evolution and definition of Solutions Design quality standards and procedures. Ensure the documentation content meets defined standards.
- Provide best policy advice/consultancy on security issues balancing cost, time and risk



- Provide guidance and clarity to Business Representatives on feasibility of requirements
- Audit existing systems to ensure compliance with the established security standards
- Provide guidance to Senior Managers on investment decisions
- Review and approve security designs, strategy, policy and standards
- Selected Achievements
- Defined systems security while keeping abreast of emerging technologies within the mobile telecoms sector
- Improved the security of technical design documents in compliance with standards
- Produced cost-effective designs to meet the requirements while supporting future business developments

2002-2004

Infrastructure/Security Engineer, Data Center Operations for a data center and managed security service provider

Responsibilities:

- Infrastructure security architecture
- Leading a team of network and security engineers
- Project scoping, architectural security solutions, implementation and testing
- Selected Achievements
- Deployed UNIX/Linux Virtualization, reducing overall expenses while enhancing the security
- Improved e-Commerce Security and reduced Internet fraud to almost none

2001-2002

Infrastructure/Security Manager, Network Infrastructure for a broadcasting company

Responsibilities:

- Plan, design, deploy and support data center networking infrastructure
- Improve operations security based on and security audits and incidents
- Identify potential control weaknesses within component systems
- Provide security best practice for all systems
- Selected Achievements
- Deployed HA, 2FA/SA, and RBAC for all Cisco, RAS, Firewalls, and Windows devices
- Transformed aging nodes, utilizing new technologies, to enhance the overall productivity and security
- Deployed strong VPN for secure remote access to company resources
- Trained and managed the network infrastructure support team

1999-2001

UNIX/Security Consultant, Network Infrastructure for a pharmaceutical services company

Responsibilities:

- Support perimeter security devices protecting B2B as well as WAN infrastructure
- Provide security consulting to all levels of management for taking business decisions
- Provide risk based security expertise at various stages of the projects life cycle
- Liaise with clients for implementation and maintenance of security solutions
- Planning and Implementation of firewall changes as required by the business
- Selected Achievements
- Relocated all firewalls and other network security devices as part of a large data center relocation project
- Implemented RSA SecurId strong 2FA and RBAC throughout the organization
- Improved the availability of firewalls and related services by 85%
- Doubled employer productivity by providing regular training sessions
- Ensured smooth Y2K transition and full service availability for all security devices



- Introduced change control to avoid unplanned service disruptions to the business
- Deployed strong VPN for secure remote access to company resources
- Implemented and maintained change management procedures for network and security modifications

1998-1999

Network Security Consultant, Network Infrastructure for a financial services company

Responsibilities:

- Technical design activities associated with the deployment of security solutions within the business
- Network security architecture design and implementation
- Develop company wide security policies and standards
- Design and implement HA for the infrastructure security
- Risk analysis and mitigation
- Selected Achievements
- Implemented Distributed Firewalls with Central Management Console
- Designed and implemented the first Intrusion Detection, Internet/Systems Vulnerability Scanning in the UK
- Deployed network and systems intrusion detection and prevention controls throughout the company networks
- Independent auditors found company's security as one of the strongest in the industry
- Obtained the highest performing employee award/bonus in the company

1995-1998

Systems Consultant, DDE for a solutions company

Responsibilities:

- Fill the knowledge gap between UNIX kernel developers and technical consultants
- Help UNIX kernel developers with pre-release test of UNIX TCP/IP Networking
- Hold workshops and training courses for technical consultants as well as customers
- Provide 3rd line support for large government installations
- Designed and implemented custom client/server business applications
- Selected Achievements
- Leveraged new partnerships and to allow the business to widen its target market
- After just a few months in the role, I was promoted to a position with greater power and responsibility
- Helped business to gain strong competitive advantage in new technologies
- Wrote technical documents for company's UNIX administrators' handbook
- Introduced and trained consultants in new product developments
- Provided 4th line support to customer facing technical consultants
- Supported the sales team winning new customers by providing customized solutions
- Helped the company to qualify for strategic partnership with Microsoft
- Reacting to market conditions, I adopted our strategy gaining valuable market share from our key competitors
- Zipped through my certification training scheme in record time, meeting important business partnership deadlines



1994-1995

Systems Consultant, Deployment Team for a solutions company

Responsibilities:

- Design and implement custom client/server business solutions
- Selected Achievements
- Helped business to gain strong competitive advantage in new technologies
- Resolved outstanding technical issues with two clients which resulted in the renewal of their contract
- Introduced and trained consultants in firewall deployment

1993-1994

Software Engineer

Responsibilities:

- Designed and implemented custom GUI for business applications
- Business requirements assurance
- Selected Achievements
- Helped business to gain strong competitive advantage in new technologies

1990-1991

IT Instructor, Information Technology Institute

EDUCATION / CERTIFICATIONS

- Masters in Computer Technology
- B.S. In Digital Engineering
- CISA: Certified Information Security Auditor
- CISSP: Certified Information Systems Security Professional
- CCSE: Checkpoint Certified Security Engineer
- CCSA: Certified Checkpoint Security Administrator
- MCSE: Microsoft Certified Systems Engineer
- MCPS: Microsoft Networking Essentials
- MCPS: Implementing & Supporting Microsoft Exchange Server 4.0
- MCPS: Implementing & Supporting Microsoft IIS 3.0 & Index Server

PROFESSIONAL AFFILIATIONS

- British Computer Society (BCS)
- Licensed Checkpoint Security Solution Provider