



SPECIALIST PROFILE

Personal Details

<i>Reference:</i>	KB3641
<i>Job Title:</i>	Storage Specialist
<i>Nationality:</i>	British
<i>IT Experience:</i>	33 years
<i>Qualifications:</i>	BA (Hons) Information Technology MSc Information Technology ITIL Foundation Prince 2 Practitioner
<i>Availability:</i>	On request

Overview

Architecture and Products:

AIX, CA-1, CA-7, CA-ASTEX, CA-TLMS, CISCO, COMPAQ INSIGHT MANAGER 7, COMPAQ INSIGHT MANAGER 7, DB2, DFSMS, DFSMSDSS, DFSMSHSM, DS4000 SERIES, DS8000 SERIES, EMC SRDF, EMC SYMMETRIX DMX, ESS SHARK, FDR, FDR/ABR, FLASHCOPY, GDPS, GDPS, HSC, IBM VIRTUAL TAPE SERVER, LOTUS NOTES, MS-SQL, NOVELL NETWARE, ORACLE, PPRC, PRINCE2, RMF, SAN, SMF, TDMF, TIVOLI DATA PROTECTION, TIVOLI STORAGE MANAGER, TIVOLI STORAGE MANAGER, TLMS, VSAM, WINDOWS, Z/OS (MVS),

Programming Languages:

HTML, SAS,

Specialist Experience:

Storage management.
Systems design, installation, implementation and data migration.
SVC migration.
Systems backups and recovery.
SAN implementation.
SMS design and implementation.
Problem management and change control.
Staff management.
Project management.



Summary

Over 25 years experience in IT in a variety of technical, architectural and management positions in several large financial services companies. The last 20 years spent specialising in **data storage** in a number of roles from hands-on front line support to technical design, enterprise architecture, cost reduction and purchasing strategies.

Key Skills

- Architecture, Planning, Strategy and Purchasing
Up to date knowledge of storage infrastructure, Prince II qualified and experienced in project and programme management. Able to prepare long range strategies, able to drive major purchases from initial conception right through to ITT and contract Language Skills
- Open Systems Storage Technical Skills
Skills include storage provisioning, scripting, day to day management of backup and recovery, and DR planning.
TSM on AIX, NetWare, Windows and z/OS, including TSM TDPs for Oracle, Lotus Notes, DB2 and MSSQL.
AIX storage, including AIX HACMP, NetWare 6 storage and clustering. MSHSM, a Windows and Netware HSM product. Hardware experience includes DS4000, DS8000, SVC and Brocade and CISCO SAN devices.
- Mainframe Storage Technical Skills
Full hands on experience with the following products. Skills include day to day management and support, storage provisioning, data migration, capacity planning, capacity management and performance management.
Z/OS DFSMS, DFHSM, DFDSS, VSAM, HSC, TLMS, FDR/FDRABR, FDR Compaktor, FDRinstant, CIM, SAS, RMF, SMF, GDPS, TDMF, ASTEX Hardware experience includes IBM ESS and DS4700 / DS4800, IBM virtual tape and tape libraries, EMC DMX-3 disks, SUN disk and tape libraries.
- Some proficiency in German, French and Spanish

Career History

October 2011 - present

Employed as a TSM consultant at an insurance company, working on consolidating and migrating backup systems between various client locations in Europe, and some general support work.

July 2009 - September 2011

Employed as a technical architect/designer at a bank designing and implementing AIX backup and recovery systems to handle the integration of applications. Some of these designs were very complex, covering multi-terabyte Oracle RAC clusters or AIX HCMP clusters. Some individual projects were implementing over 100TB of storage, which required some radical thinking to get backups and recoveries to work in acceptable time frames. This included a project that used IBM's GPFS file system, sharing 180TB of data between 14 AIX nodes. The backups were engineered using GPFS snapshots. Designed a new TSM server storage structure to allow the TSM storage pools to be expanded by over 1 terabyte and managed the migration team. Migration used a mixture of SVC migration and TSM volume moves. Implemented a SAN alerting system for Brocade switches. This involved deciding which messages required immediate action, changing the switch settings as appropriate and documenting actions for operations.



December 2008- April 2009

Employed as an IBM technical consultant at a bank, to deliver a project to move mainframe data from IBM ESS disks to IBM DS8K disks. This was a complex move involving data spread over 29LPARs and three Sysplexes. The moves had to be phased to free up addresses for the next phase. My role included carrying out the detailed planning for each phase, then running with the actual moves in overnight slots.

May 1998- September 2008

Storage Architect at an insurance company. I was responsible for setting the long-term storage strategy over all platforms, and delivering to that strategy. Duties also included ongoing day to day management of the storage environment and on-call support. Worked on, and in some cases ran a number of major projects, including relocating all data storage devices between two machine halls, disk purchasing projects, Instant Mainframe Backups with FDRinstant, and setting up a second datacentre and synchronously mirroring all the data between them,

1998

Worked as the Operations Support Manager at a bank with responsibility for four Operations Analyst teams and 23 staff. However the role was not the same as described at the interview and I decided that I preferred a job with some technical content.

1997-1998

Worked as a Storage Specialist Consultant at a bank with a specific remit to project manage the reduction of rented disk space from 3.5 Terabytes to 2.4 Terabytes. In those days, that delivered a £1,000,000 annual saving. I delivered the objective successfully, by a combination of storage pool consolidation and automation of data allocation. I also reduced client's tape requirements by 14,000, so saving a further £500,000. As a result, I was given a further 3-month contract to investigate and recommend an HSM for Windows product. I presented the results of the HSM investigation at Storage Guide in London in 1998.

1989-1997

Worked as a Problem & Change Manager at a bank, and developed a problem / change management system and philosophy from scratch. In 1991 I moved to be Storage team manager. This role steadily increased, with the Operations Analyst team added in 1994, then Database Admin and Automated Operations in 1996, at which point I became the Production Support Manager with a total staff headcount of fourteen. The storage responsibilities included managing one TB of mainframe data, seven RS6000 servers and sixty NetWare servers. My specific role, apart from managing the staff, was setting strategic directions for storage.

1978-1989

I originally joined this telecoms company as an engineer, and transferred into the IT department in 1986 as a mainframe operator. I moved into Operations Support in 1987 as part of a two-man team with responsibility for job scheduling, storage, problem and change control. I assisted with the roll-out of a new front office system, and made a major contribution in tuning the overnight batch, to ensure the telephone bills were issued on time.



Training and Qualifications

Formal qualifications

MSP	2003	MSP Programme Management practitioner
Prince	2001	Prince2 Project Management practitioner
ITIL foundation	1999	IT service management
MSc	1995	Dissertation on Distributed Storage Management
BA (Hon)	1990	Included a variety of IT subjects
TEC Ordinary Certificate	1983	Communications Engineering
GCA 'A' level	1979	Maths (pure and applied)
GCE 'O' level	1971	8 passes

I have also had technical training in z/OS, AIX, NetWare, Windows, DFSMS, DFHSM, DFDSS, GDPS, PPRC, DB2, FDR/ABR, SAS, TSM, VSAM, STOPX37, NCL, CA-7, CA-1, CA-TLMS, MS/Access, Visio and Microsoft Office products.

My hardware experience includes

- IBM ESS and DS storage
- EMC DMX-3 storage
- HP HSG80 storage
- STK nearline tape silos
- IBM 3494 silos
- IBM Virtual Tape systems.
- Brocade and Cisco SAN Switches, IBM SVC SAN controllers.