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PROFILE

A successful and skilled ITIL certified UNIX System Administrator, with over 15 years of professional experience in managing and specialising in High Performance Networked Systems in small/large-scale environments using advanced IBM AIX & SUN Solaris System administration.

My theoretical and practical AIX & Networking experience now extends into the world of Virtualization and micro-partitioning for Logical Partitions with 12+ months planning, implementing, supporting, and troubleshooting virtualization solutions.

First-class interpersonal and communication skills, combined with a unique blend of proven management skills and solid technical expertise, enable him to build good relationships with colleagues and clients alike providing solutions that are evidence based. Thrives in a fast-paced environment and is well grounded in dealing with different nationalities and cultures.

Genuinely comfortable in working in a Multi-cultural environment, communicating effectively either by training and mentoring young & up-coming engineers as well as guiding clients through various strategic phrases using certified (TAP, Six Sigma, Agile) techniques. Fluent in English, French with a good understanding of Dutch and Portuguese. Currently studying Prince II foundation.

PROFESSIONAL EXPERIENCE

Aug 2001 – present   **BSi Limited**

Brentford, Sophia Antipolis, Paris, Brussels, Amsterdam, Cardiff, Swansea, Newcastle, Knutsford, Leicester, Montbéliard, Etampes, Rungis, Saint Quentin-en-Yvelines

15 years   Senior System Adminintrator (LPM, SSP, LPAR,VIOS et HMC including Korn shell programming across SSL) – various projects including LPM migration,

Freelance Consultant initially trained as an UNIX (Aix) System Administrator with expertise level 3 in IBM pSeries, evolving to punctual Technical Project Management in the UK/Wales as well as French and Dutch cultures. 10 missions for GSK, Barclays, Atradius, BT, Credit Agrciole, Geodis, CNAM, Econom, Siemens, Steria as well as Aix System Administration for Cap Gemini, Faurecia/IBM, STET (Bank of France), ING, Postbank, **Alliance & Leicester,** Computacenter/Vanderlande, GIST, Carphone Warehouse, IBM, Entertainment-UK, EDS, Cegetel, Shell, Thomson-CSF, Dunlop, International Paints ...

In all my missions I use Stakeholder analysis in order to produce the required output and deliverables to higher management (reports (.docx), guides (.pdf), presentations (.ppt), diagrams (.vsd), data (.xlsx) as well as to my peers (mindmaps (.mm), manuals (.doc). I also use Influence maps to supplement these before using techniques like iCheck, Cardiolog, SWOT & PMI.

I also supply technical solutions creating versioned Korn shell functions with built in Manuals, to inform, configure and monitor UNIX based applications.

Common Project Stream Tasks

- SSP Pre-requisites
  - I created Shared Storage Pool of 500Tb accessible by 4 different pairs of VIOS each on 2 different sites (one fail-over)
- SSP migration
  - Data on current VG's were mirrored onto logical disks within SSP (> 155 LPARS Aix & VIO (with other VG using NPIV on not) in INTREGration and PRE-PROD.)
- SSP post-operations
  - Analysis of (errlog, caa-syslog) for system and middleware (SSP) on x55 partitions and their x2 VIOS (8 VIOS / site)
  - Analysis of LU on respective VIOS using cluster, lssp, lscluster, lu et cetera commands
- LPM Pre-requisites
  - I created Shared Storage Pool of 500Tb accessible by 4 different pairs of VIOS each on 2 different sites (one fail-over)
  - Ensured via x2 HMC that the x18 VIOS disks were not reserved otherwise reset the bit.
- LPM move
  - Double checked pre-requisites and run migrlpar with object verify before carrying out the move
- LPM post-operations
  - Analysis of (errlog) for system and middleware (LPM) on partition and its x2 VIOS

Common Technical Tasks

- Rebuilt x3 RAID on x2 Production legacy Aix 4.3 hosts successfully recovering data despite the fact that the Predictive Failure Analysis had been postulated 3 months prior.
- Re-coupled 17 SAN disks (1.5 Tb) from a legacy safeguard server back to the original hosts and re-integrated the data using LVM to re-create a new mechanism for Safeguarding Oracle data locally.
- Transferred 514Gb of data from jfs to jfs2 File Systems on a Production System and many, many similar projects for Application Administrators
- Applied and reconfigured syslog utilisation invoking logger command inside of script(s) on local5.debug facility.priority pairing with output sent to appropriate rotated log files
- Systems Administration and Level 3 Support on legacy systems
  - pSeries5, Power[6-7] LPAR/VIO
    configuration, installation, builds for up > 100 LPARS and VIO servers running Aix 5.[1-3], 6.1 and 7.1

- o LVM and File Systems (FS)

  creation of medium and large FS with inline logs for 1000's of hosts (Database, Middleware File Transfer and Load Balancing Web Servers)
- SAN Administration and Level 3 Support on legacy systems
  - o DS4000, DS7800, EMC CLARiiON, RAID involving 10's of Tb

Anticipation of PROD incidents
- o Analysis of 1000+ files and 100+alert logs (errlog) for system and middleware such as WAS and MQ-Series
- o Ensured a mechanism in place of exchange of ssh public keys and enable rapid updating (based on CSM principles) using
- o scp and/or rsync with throttling
- o Analysis reports daily operating notifying incidents (anything from x3 to 20 daily in parallel with Nagios monitoring – in the case of repetition and recurrence my mandate was to create problems based on incidents if the RCA merited further investigation (principle)
- o Monitoring of action plans based on consequential reports of "Root Cause Analysis (RCA)." See scripts ...
- o Writing Instruction Manuals based on relevant work instructions (WI)
- Monitoring and measuring performance of over 115 LPARs supported by the Polish IBM Team
  - o Constitution defining performance metrics - established a "health check" matrix
  - o Analysis reports daily operating notify alerts
  - o Analysis and validation of disk space (allocated / used)
  - o Monitoring of action plans consecutive reports of "Root Cause Analysis"
  - o Start MQ-Series tracing using strmqtrc, analysis of TRC file using dspmqtrc as well as data cleansing of files using Korn/awk on /var/mqm/qmgrs/queue!manager and system logs under /var/mqm
- Anticipation and Project Planning
  - o 100's Reportings carried out on the main axes of the project, Shared Storage Pool creation, Integration and Migration of >200 LPAR
  - o VG data into SSP via VIOS, Live Partition Mobility using Agile, prioritising using Objectives, SWOT and Moscow
- Korn shell development under SCCS based under FPATH or PATH scripts that generate INFO for eventual DECision and ACTion
  - o SSP Pre-requisites – 14 scripts `1774 lines`
    - • LPM Pre-requisites – 7 scripts 551 lines
  - o scripts that generate CLI commands
    - • SSP migration – 1 script 75 lines
    - • LPM deployment – 1 script 45 line

Missions in UK and Europe

Aug 2015 – Oct 2015   Crédit Agricole (Cards & Payment)   Paris, France
3+ months   Systems Administrator (LPM, SSP, LPAR, VIOS et HMC – with Korn) – automation of VG data migration to SSP – LPM of hosts to other VIOS on other Manager Servers managed by HMC)

As part of an infrastructure-data farm managed operation in two physical locations (Clermont-Ferrand and Chartres), I was entrusted with a mission to achieve operational transparency for 115 Servers (partitions) to be migrated whilst live – Live Partition Mobility (LPM) which allows for the movement of a running partition from one server to another with no application downtime, over a 3-week period.

Key Achievements
- 2 Shared Storage Pools created of 500Tb accessible by 4 different pairs of VIOS each on 2 different sites (one fail-over)
- 15 partitions moved onto another VIOS platform whilst "live" i.e. no downtime, no effect on users.
- 1500 lines of code disseminated under 15 functions that facilitate checking the pre-requisites necessary prior to migration to SSP and use of LPM

Environment: LPM, SSP, AIX 6.1, 7.1, VIO 6.1, NIM, HMC v5,7, Korn Shell, ssh hscroot@, SSL, scp, rsync, Agile, Stakeholders

May 2014 – Mar 2015   Geodis (SNCF)   Paris, France
3+3+4 months   Technical Project Validator (LPAR,VIOS et HMC) - Support Contract Validation & Qualification of IBM performance   team of 5 people and Root Cause analysis

Within an infrastructure-data farm managed operation, I was entrusted with a mission to achieve operational excellence for Geodis. To do this, my mandate was to control the Aix services delivered by the infrastructure manager (IBM - Poland), put in place preventive measures and taking steps to enable proactive monitoring operations (> 155 LPARs Aix & VIO (NPIV) in PROD and PRE-PROD.)

As part of the system build team created x5 LPARs for the in-house development team outside of the scope of the existing Prod platform following the classic path via SMS (non NPIV) using/creating SAN (inherited from DS-4800 engineer), VIO, HMC & NIM profiles as necessary.

Liaising with Managers from Geodis and with IBM, instructed IBM Engineers to carry out preventative maintenance measures to improve on lowering downtime and reduce the level of subsequent tickets.

Using Stakeholder Management to qualify the Infrastructure support contract, valid this having identifies some of the lacunae in the overall support process and provided guidance to correct and provide operational excellence. The aim was to ensure corrective and preventive actions.

Key Achievements
- Recommendations using Predictive Detailed Report with predicative graphs, comparison tables, establishing multiple Root Causes on a Critical File Server whose purposeful use had surpassed its original configuration & capacity as Stop Gap extensions to File System were leading to extension beyond 1Tb – Technical Advisories leading to migration onto another platform and the adoption of other applications to replace the original mechanism and avoid fragmentation of 28 million files / year. Created scripts to analyse data (data analysis took 28 hours to complete)
- Developed an Excel WS as a control file on x115 LPARs , complete with filters, pivot tables and data grouping destined to globally analyse not only report on defective host and also to globally determine affected inactive nodes as wells hosts on the same Managed Servers
- Recommended Solutions the use of versioned scripts to globally report not only on Production hosts but also on inactive nodes in order to decrease downtime.
- 25 records in MS-Word Report type CARDIlog analyses solutions, recommendations and scheduled tactical evidence based on Standards and Principals
- 4243 lines within 37 Korn function scripts - 15 scripts intended for Monitoring by Nagios

Environment: AIX 6.1, 7.1, VIO 6.1 , NIM , HMC v5 , 7, Korn Shell, ssh hscroot@, CA Service Desk Manager, MQ-Series, MS-Word, MS-Excel, MS-PowerPoint, scp, rsync

Jan 2014 – Mar 2014   **CTI-GE (CNAM)**   Strasbourg, Alsace/France

3 months   Senior Aix Systems Consultant (VIOS et HMC, RJ45, cat 6, fc) , 3rd level cabling/configuration SAN/SAN Fabric/VIO   Team of 3

CTI-GE provide DR for the whole of CNAM pan-France. Cabling and configuration of x5 Managed Servers and 55 LPARs that mirrored the main site in Toulouse. This was a hands-on role with a Team of 2 technicians with the Aim of producing a DR solution for the above.

Responsible for the connectivity of their x110 carte adapters cable connectivity and configuration (fibre & Ethernet) including distribution and pre-cabling for the 5 Managed Servers.

- Planned, pulled, labelled and laid in >500 metres of cat 6 cable & optical fibre between x3 white rooms
- Developed an Excel WS as a control file on x3 SAN Fabrics, complete with filters, pivot tables and data grouping
- Identification and configuration between the Managed Servers & their adapter cards at low level for each Lpar using Korn scripts via the HMC.
- Detailed Reporting carried out in based on Objectives driven by Expectations; full peripheral Information & Scenario (diagrams) present prior to analysis (SWOT, CARDIlog, SCAMPER, PMI) leading to ST Solutions supplied followed up with MT & LT Recommendations. Tactically Tasks where documented based by sub-objectives founded on Project Principles or Current Standards in vogue and linked to sign-off in Risk Log as necessary.

Key Achievements
- Boot on SAN enabled on 2 LPARs connected in Strasbourg with flash copies of rootvg and datavg of their cousin Lpar in Toulouse within schedule deadline
- 873 lines within 4 Korn function scripts - intended to capture dynamic data reformatted in CSV
- Reporting carried out on x5 projects in M$-Office, 71 pages, 10275 words with diagrams – see Details above
- Championed the use of NIM to supply a centralised distribution network of functions

Environment: AIX 6.1, 7.1, VIO 6.1 , NIM , HMC v5 , 7, scp, rsync, Korn Shell, ssh hscroot@, M$-Office Word, Excel

Apr 2013 - Nov 2013   **Osiatis/Econocom**   Rungis, France

3 + 3 + 1 + 1 month   Aix Systems Consultant Project Managing an Expert scripting Project designed to fault predict (VIOS et Korn), in pro-active 3rd level Support   Team of 12

Osiatis provides infrastructure services: architecture consulting, resource and Cloud conversion engineering, production and work environment outsourcing, critical systems and networks maintenance. In the application services market, the Group also addresses the specialised segment of infrastructure-related solutions: portals, collaboration, roaming, BI for WinTel, HP, Sun and IBM.

It was on the basis of the latter service, specifically Aix, VIOS and HACMP engaged on x2 3-month and various ad hoc contracts to support expertise to 3rd level solutions to clients under contract with a 4 hour SLA working alongside a team of 4 level-2 Technicians

Analysed logs, as the principal Shell scripting expert to/from EMC, DSXX000, HP-UX, Solaris and Aix to extract an audit or configuration, providing intelligence on Root Causes. This scripted solution (2000+lines of code) solution was automated to accept an emailed Log file and return an emailed RCA.

- As a strategy change, introduced the client to Objective/Expectation Reporting using Risk Logs, CARDI Logs, SWOT analysis, PMI
- as well as mind maps, providing Short Term solutions as well as making Long Term (MT/LT) recommendations orientated by verbs of actions, thus avoiding nominalisation.
- As Subject Matter Expert re-examined and analysis all logs from several clients whose issues could not be resolved by the second line Aix team proving Root Cause Analysis (RAC)
  - Supplied a solution enabling HMC regain protocol activity with certain LPARs (not all) ensuring RMC connectivity specifically the persistent resource IBM.MCP that would re-enable DLPAR operations – sent in a 1 page list of commands and directives that the client had to execute on both hosts of the client-server set-up(s)
  - Proved to the end-client satisfaction that "missing disks" errors appearing at IPL was in fact due to a failed HACMP takeover followed by a hard reboot of secondary server outside of Cluster-Single Point Of Control (C-SPOC) in the early hours of the morning – took hours of crawling through 3 months of HACMP logs
  - microcode updates issues were already present before the beginning of their contract and not due to a present lacuna - made recommendations to ensure a thorough audit control prior to engaging services
- Dealing with stakeholders, provided ad hoc expertise to the Team of Second level support in terms of VIOS configuration, HMC operations, SSL connectivity, Focal Point logging, Korn shell programming, Versioning...

Key Achievements
- Recovered from x2 power outages and re-installed rootvg using mksysb images on the internal pSeries LPARs
- Provided level RCA analysis and recommendations for x4 major (HACMP) incidences on clients' site enabling them to improve on their preventive maintenance measures and mitigate their data integrity strategy.
- Developed, tested and delivered a 3800 line chkpt script to analyse the aforesaid Log files from EMC, DSXX000, HP-UX, Solaris and
- Aix environments to aid x5 Expert Technicians provide .txt or .csv solutions rapidly and succinctly via Email
- Provided a mechanism to carry out Back-to-back acceptance testing[1] (AT) DEV, FAT, UAT/GAT, PAT
- Created 40 pages of Technical Manual and Guides using MS-Word fully captioned, indexed and summarised, as well as created 45
  - work sheets using MS-Excel invoking Grouping lines/columns primarily for Time/Event and RAG analyses.
- Wrote x12 reports on 11 projects' specifications providing Objectives, Outcome, Solutions, SWOT analysis, encouraging the use of CARDIlog and Risk Registers. Reports contained Development solutions and recommendations for Korn shell code, as well as Sub- objectives based on the principle stages of project evolution cycle from Dev to integration to Pre-Production using Functional
- Acceptance Testing (FAT) followed by User Acceptance Testing (UAT) under Aix, Cygwin and Linux environments before deployment to Production via a Portal.

Environment: AIX 5.3, 6.1, 7.1, VIO 5.3 , Solaris, NIM, HMC v5,7, WPAR, HACMP, Korn Shell, Nagios, syslog, ssh, MS-Word & Excel

Jul 2012 - Dec 2012   **BT/PMU**   Ris-Orangis, France

3 + 3 months   Aix Systems Administrator (VIOS), in a pro-active front line Production   Team of 11

BT France SA provides networked security, management, monitoring, and managed services in France as well as the rest of Eur ope. It offers calls and lines services that include business exchange lines, and calls/lines packages; customer relationship management (CRM) services, including consultancy, contact centre, contact recording and analytics, workforce management, and sustainable workforce assessment, and information technology (IT) services comprising data centre, infrastructure, outsourced hosting, and mission.

It was on the basis of the 3 latter services I was engaged on x2 3-month contracts

- To support the transition of their client PMU from pSeries 5 to pSeries 7 as Aix System Engineer concerned principally with VIO and HMC issues. However, because of project slippage (the client chose the SAN equipment 12 months after having bought p790) spent a period of time helping out on legacy tasks involving security, scripting, BAU issues with hardware failures.
  - Implemented a POC project to bring NIM to the tardive client to improve on their overall strategy to standardise software updates.
  - Provided specialist AIX knowledge to input into the strategic direction, technologies, tools or business processes, ensuring the integrity of the Environments and technology is maintained at all times
  - N2/N3 Production AIX Support on x7 LPARS and x2 through VIO servers > 1Tb from SAN disk space either direct or via VIO to raw or for the purposes of Or cle jfs2 logical volumes. In Preproduction x13 LPARS x2 VIO servers and x4 LPARS x2 PRA VIO servers on a remote site.
- Quick Access on the Log messages of the day CFT, NIS, Cerebes (security hardening project) Hobbit et cetera
- Piloted Control interventions through IBM according to the "managed servers" to replace parts according to RUF established via HMC.

Key Achievements
- Administration VIO and SAN DS4800. Several studies take to track down the concerns associated with bad wiring and the data degradation in the 'Drive Channel" because too many input/output errors – script created to monitor and forewarn on these.
- Achieved a NIM Preproduction POC with the objective to create and demonstrate a NIM server with "standalone" Client and carry out mksysb, SPOT resource and NIM Clients.
- Created a script UX_check_point (2208 lines) based on iCheck, that facilitates calling using the scripts by using the following flags –t type -o object -a attribute.
- Creation of 45 MS-Word documents based on tactical responses "How to"… " with Prerequisites, the modus operandi Task list, Post- operations, monitoring, evaluation and audit according to a method by objectives with desired expectations. 129 pages on statements of projects (in French), 15 pages of Guides and 16 pages of the operating manuals (in English).

Environment :   AIX 5.3, VIO 5.3 , HMC v5,7, Korn Shell, dscli, DS4800, Remedy ARS, Nagios, Centrion, nmon, ssh, MS-Word

Mar 2012 – Jun 2012   Steria   Sophia Antipolis, France

3 month contract   Senior Aix Systems Administrator (VIOS) in a pro-active Production   Team of 12

The company hired me as an Aix Engineer who has a background/experience in the infrastructure and Production troubleshooting field and Lpar engineering VIOS in order to boost Industrialisation for their procedures whilst acting as a Team Player for BAU tasks as well as paying an active role in Project work involving building LPARS for new clients.

However spent a period of time helping out on legacy tasks and Monitoring performance of legacy Servers using SSA and ultra-scsi disks in RAID. : which implies meeting my (iCheck) own Inform-Decide-Exploit-Act (IDEA) standards generally geared to Reporting, writing "How-To …" Manuals based on the scripts I created. This low profile consultation contract brought together the need for me to communicate in French between 3rd level Aix System Engineering (current assignment), in-house 1st/2nd System Administrators and external Consultants, as well as challenging Architects and Project Managers.

- Coupled disk space from a EMC Symmetrix Virtual Provisioning (EMC CLARiiON CX4) to replace the current Power disk by first extending the original volume groups, low level migration of data to new physical volumes and detaching the old, across x4 Aix Production hosts involving (1.5 Tb) of data.
- Created a front-end and a back-end scripts that invoked ssh calling HMC low level commands that reported back into .csv ASCII files the results of
  - LPAR/VIO (memory, Vlan, cpu, sea …) configurations,
  - Service level events (option on OPEN|CLOSED events X days in the past)
  - integrated these into a big brother scenario for team access.

Key Achievements
- For an important new client, reported and recommended on connectivity (on-site visits) associated with the building of a x15 boot-on- SAN LPARS via Dual VIOS with particular emphasis on the connectivity issues associated with HMC administration and subsequent FC connectivity for both Ethernet (native & x3 VLAN) and SAN disks. >3Tb data
- Wrote x15 How To … manuals (140 pages) on aspects of Aix System Administration and presented them to the Company's Database using Lotus Notes

Environment :   AIX 5.3, 6.1, VIO 5.3 , NIM, HMC v5,7, Korn Shell, EMC CLARiiON, Remedy ARS, hobbit (big brother), nmon, ssh, Word 2003

Nov 2011– Feb 2012   **Senior AIX Administrator,** Faurecia**/IBM**   Etampes/Montbéliard, France

4 months contract   Technical Project Manager and an Aix Systems Administrator (HACMP), backend Migration project   Team of 5

Outsourced from IBM, the company hired me for 3 months as a strong French-speaking Unix Engineer who has a background/experience in the compliance/IT security field and LPAR engineering VI/O. However spent some of the time helping out on Migration tasks and Monitoring performance of middleware (java, jstart) on Aix LPARS and Blade Servers.

- During a period of consolidation of Servers from Germany to France, created scripts and methods to enable communication, migrating (OS, middleware, applications) monitoring, configuring and fixing their systems and information based on objective oriented methodology towards meeting managerial expectations:
- which implies meeting my (iCHECK) own Inform-Decide-Exploit-Act (IDEA) standards generally geared to Reporting, writing "How-To ..." Manuals based on the scripts I created.
  - This low profile consultation contract brought together the need for me to communicate in French between 3rd level Aix System Engineering (current assignment), in-house 1st/2nd System Administrators and external Consultants, as well as SAP and DB2 administrators, both in Paris areas as well as the Doubs
  - Dynamically modifying virtualised LPAR memory/CPU to meet production needs

Key Achievements
- Migrated x4 Lpar hosts from Aix 5.3 to Aix 6.1 and upgraded to HACMP 6.1SP8
- Configuring x11 NIM remote hosts on x2 NIM Servers for file operations (mksysb) and SMS Aix installations
- Created system plans on from existing Managed Systems across x4 HMC's and 28 Managed hosts
- Interrogated the HMC sending multiple scripts via SSL to collect data on use of cpu, io, mem as well as listing service events
- Created 1115 lines of Korn shell scripting to ensure RC start of nmon and nagios monitoring on errpt …
- 130 pages of x5 Reporting strategic documents, with a technical bias, and x3 Operation Manual sheets fully formatted

Environment :   AIX 5.3, 6.1, VIO 5.3 , HMC v5,7, Korn Shell, EMC, Remedy ARS, HACMP, nmon, ssh

Apr 2011– Sep 2011   Systèmes Technologiques d'Echange et de Traitement (STET)   Paris, France
3 + 3 months   Aix Senior AIX Administrator (Security Validation) (HACMP, VIOS, NIM), 3rd level Support   Team of 4

This major European organisation, a 24/7 Automated Clearing House daily servicing the French European payment industry and providing processing services for SEPA and domestic [sic European] financial (€18,6) instruments hired me as a strong French-speaking Unix Engineer who has a background/experience in the compliance/IT security field and LPAR engineering. <hidden text><hidden text>

- Responsible to taking the UNIX Team through the tasks attributed following the daily progress meeting of current issues facing
- Production as signalled by the other bank's input and tickets
- Created appropriate tools and methods to protect their systems and information based on objective oriented methodology towards meeting managerial expectations: which implies meeting my (iCHECK) own Inform-Decide-Exploit-Act (IDEA) standards. This high profile contract brought together the need for me to communicate in French between 3rd level Aix System Engineering (current assignment), in-house $1^{st}/2^{nd}$ System Administrators and external Consultants, as well as Bank Administrators and Brokers.
- Created Disk access via IBM SAN Volume Controller (SVC) as well as Engineering LPARS via HMC for in-house Pre-Prod hosts on POWER6 machines via VIOS virtual hosts.
- Created x27 level 1 and 3 user accounts associated with groups, exploited using sudo, authenticated using OpenSSL keys across development, testing, pre-production and finally production hosts using scripts calling functions within the FPATH environment.

Key Achievements
- Part of a team getting Fibre Optical cable to auto-negotiate at 2 Gb.sec-1 between Brocade MP7800 and DS8100 without compromising access between XIV and Brocade with Production data.
- Provided a Security solution by creating a doSecPasswdMk script, under sccs, using flags to input a password file generated by
- KeePass Password Safe file that contains the user, password, host non read-write ready for distribution: the same script transmits via root OpenSSL keys and executes chpasswd remotely.
- Facilitate defining security requirements and operational procedures to ensure compliance within Data Security Standard framework for Payment Card Industry,
  - then built the phase-I POC (OpenSSL portal server, Ldap server, NIM server and 3 Testing client LPAR ready for IBM consultants
- Carried out test scripting on development hosts running both Aix 5.3 and 6.1, using sccs and ssh specifically for
  - Testing RBAC, NIM distribution of TCB, use of aixpert and setting up inheritance using EFS to make encrypted files
- Managing new key Strategies, set-up a test bed involving Power Broker to trial
  - PCI-DSS compliance for authorized users key-stroke capture within a role-based access control (RBAC)
- Implemented Level 3 support engineering and creating pSeries Lpar's via VI/O for tactically quality and qualification operation's built 7 Lpar's in the first month by
  I Creating SAN disks under both DS-4800 and IBM StorWize V7000 »
  II Generated LPAR profiles under HMC v7 (and eventually VSCSI i/o) »
  III Presented disks to VI/O server and created virtual hosts »
  iv Conferring with Network team's Vlan afore configured NIM for network installation (rte, lpp, spot) »
  V Updated HMC (see suffix to phase II) prior to NIM Aix installation in SMS mode
- Managing BAU support for File Systems-that-grow, Hardware faults and piloting IBM Gold support and access to high security remote DR sites and subsequent HACMP failover prior to cold replacement of parts
- Managed Power Down of a Central Electronics Complex (rs6000-575) under HACMP and associated tasks of orderly shutdown/start-up of 7 LPAR hosts to replace an elusive ventilator power/unit failure over, working in parallel with the IBM engineer.
- Created >155 pages of x5 Reporting strategic documents, with a technical bias, and x3 Operation Manual sheets fully formatted
Environment: AIX 5.3, 6.1, VIO 5.3 , NIM, KeePass, HMC v5-7, scp, rsync, Korn Shell, EMC, Remedy ARS, HACMP 5.3, DS-4800,8100, IBM StorWize V7000, SVC, XIV, MP7800, nmon, ssh

Mar 2011 – Apr 2011   Aix Engineer (Testing), GlaxoSmithKline   Brentford, England
6 weeks contract   Aix Systems Test Administrator (NetAPPS, VIOS, SÅP) stress testing   Team of 6

This Global pharmaceutical giant hired me as a strong Aix Engineer who has a background/experience in FAT/PAT ICT testing field. Over 6 weeks analysed their UNIX estate (UNIX-AIX, HACMP, Server Cluster et SAN) and was able quickly come up to speed, following a week's intensive learning their ITIL Quality framework. Implemented the appropriate tools and methods to stress test their systems and information and ensure Quality acceptance, prior to a huge S p roll-out.
- Carried out test scripting on a Pre-Production hosts prior to a major roll-out using
- NetApp® SAN routine configuration verification
- BAU Quality Acceptance for GRC Application LPAR
- Used HP Quality Centre to update test and follow up on FAT procedures
- Updated lacunae in over 140 pages of System documents
Environment :   AIX 5.3, 6.1, VIO 5.3 , HMC v5,7, Korn Shell, EMC, HP Center, HP OpenView Service Desk 4.5, NetApps, ssh

Nov 2010 – Dec 2010   Barclays   Knutsford, England
2 months   Project Engineer (4th tier Security): team of 4 people   Team of 4

Analysed their Unix estate (UNIX-AIX, HACMP, Server Cluster et SAN) and was able to define security requirements and operational procedures to ensure network integrity, physical protection and authorised access to the network and applications. More specifically was able to identify the current state of hosts with respect to critical updates published by IBM. Implemented the appropriate tools and methods to protect their systems and information.
- Carried out test scripting on a development hosts running both Aix 5.3 and 6.1, using sccs and dsh
- Used CSM hosts to launch requests and gather information in a csv format
- Analysed the use of Blade Logic to initial carry out the request and format the output using BSARA (Cognos) backend.
- 15 page Reporting document to define ST gains and LT objectives
- Analysed 623 Aix hosts across 15 CSM hosts to determine patch-level and report using Pivot Table on compliance vis à vis IBM critical patch Fix Central.
Environment :   AIX 5.3, 6.1, VIO 5.3 , CMS, HMC v5,7, Korn Shell, EMC, Blade Logic, Remedy ARS, HACMP, nmon, ssh

Feb 2010 - Aug 2010   Atradius   Cardiff, Wales

3 + 3 +1 month contract   *Project Leader in a Mission Handover from French hands*   Team of of 6 people, in Wales, 2 in France, 1 in Belgium

Consulting as a French bilingual Aix System Administrator responsible for a Migration Project Gathering, Analysing and Inditing the Technical Systems & Business Application Requirements, including the Technology Intelligence, for a complex, resource intensive Web Portal Application Server/Database Server Client-Server model of an extract-transform-load (ETL) Services (CautioNet) with associated File Servers and Print Server for an International Trade Credit Insurance and Risk Management Corporation, in order to consolidate the Technical Systems Support and Infrastructure into the UK and Ireland HQ in Cardiff Bay whilst leaving the Application Development and Support in Paris.

- Using Stakeholder Management coordinated the Migration by identifying who the stakeholders are, work out their power, influence &
- interest and win their support by managing their expectations.
- Gathered Technical Requirements in French on the Aix/Linux/Windows Infrastructure and analysed and presented the data in the form of Pivotal Tables within Excel in English.
- Writing appraisals and reviewing current literature, making recommendations using map-maps, content based objective outlines and descriptions designed to meet with expectations.

Key Achievements
- Produced a database of 30 host monograms with network attributes that enabled x6 detailed architectural schema that over-layered the Business Applications Arena to ground Infrastructure (SAN-H/W-O/S-S/W-Service-Application) using MS-Visio.
- Produced a 350-page indexed Guide to System with worksheets, diagrams (MS-Visio) that explain the mechanism and configuration to install, maintain, configure, troubleshoot and monitor a combination of bespoke code that enables a PC end-user to communicate via a Web-Portal and a Or cle (BEA) Web Logic Application onto a Or cle Database Server with a Jetform backend

Environment: AIX 5.3, 6.1, HMC v7, MS-SharePoint, MS-Visio, MS-Word 2007

Further PROFESSIONAL EXPERIENCE

Feb 2009 – Dec 2009 : Research Assistant, BSi_ Ltd., Birmingham, UK
Environment: Mindmap (Freemind), M$-Office (Word, Excel, PowerPoint, Visio), cygwin, rsync

Jul 2008 – Jan 2009 : Senior AIX/UNIX Administrator, Alliance & Leicester Bank (Santander), Leicester, UK
Environment: AIX 5.3, HMC, Korn Shell, NIM, CSM, TPM, TSAM, DLPAR

Nov 2007 – Jul 2008 : Senior AIX/UNIX Administrator, Phones4U, Newcastle-under-Lyme, UK
Environment: Linux, AIX 5.3, HMC, DLPAR, dscli, scp, rsync, sftp, Korn Shell, NIM, Nagios,

Aug 2007 – Nov 2007 : AIX/UNIX System Administrator (VIOS), Fujitsu , Swansea, Pays de Galles
Environment: AIX 5.3, HMC, Korn Shell, NIM, Korn Shell, SSL

Jan 2007 – Apr 2007 : Senior AIX/UNIX System Administrator , Computacenter/Vanderlande , T5, Heathrow, UK
Environment: AIX 5.3, HMC, DLPAR, Korn Shell, NIM, LVM, Oracle

Sep 2006 – Dec 2006 : Senior AIX System Administrator , Cap-Gemini, London, UK
Environment: AIX 5.3, Korn Shell, NIM, EMC

Jun 2006 – Aug 2006 : AIX System Administrator (VIOS), Gist, Faversham, UK
Environment: AIX 5.3, HMC, Korn Shell, NIM, SSL, scp, rsync, sftp, Red Prairie

Feb 2006 – May 2006 : AIX System Administrator (VIOS), ING, Amsterdam, Les Pays Bas
Environment: AIX 5.2.1, HMC, Korn Shell, dscli, SSL, NIM, WebSphere, hscroot@

Nov 2004 - Jan 2005 : AIX System Administrator, Barclays , Knutsford, UK
Environment: AIX 5.3, HMC, Korn Shell, NIM, Blade Logic, SSL

Jul 2005 – Oct 2005 : AIX System Administrator , TNT , Ashby-del-la-Zouch, UK
Environment: Solaris 2.9, Korn Shell, UNIQ

Apr 2005 – Jun 2005 : UNIX System Administrator, Carphone Warehouse , London, UK
Environment: Aix 4.3, 5.1, Solaris 7, Korn Shell, SSL, NIM, CSM

Sep 2004 – Mar 2005 : UNIX System Administrator, Siemens (Econocom), Brussels, La Belgique
Environment: Solaris 7, Korn Shell, SSL, COPS, scp, rsync, Sidewinder, ACLs

Jul 2004 - Sep 2004 : AIX System Administrator, Barclays (Accenture) , Knutsford, UK
Environment: AIX 5.3, DB2, Korn Shell, NIM, rc.initd

Feb 2004- Apr 2004 : AIX System Administrator , EDS ,   Sheffield, UK
Environment: AIX 5.2, HMC, Korn Shell, NIM, SSL

Jul 2003 - Oct 2003 : AIX System Administrator , Entertainment-UK, London, UK
Environment: Aix 4.3.3, DYNIX ptx 4.4.6, Korn Shell, StorEDGE A5200 & A1000, Legato

Jan 2003 - Mar 2003 : AIX System Administrator , IBM , La Gaude, France
Environment: Aix 4.3.3, HMC, SSL, Korn Shell, Symantec Enterprise Security Manager™

May 2001- Jan 2003 : AIX System Administrator, IBM Global Services (Cegetel/SFR) , Paris, France
Environment: AIX 4.3, 5.2, HMC, dscli, CFT, SCO, Solaris 5-7, Korn Shell, ksh, ADSM

Oct 2000 – Apr 2001 : AIX System Administrator, S1 (aka FRCS), Brussels, Belgium
Environment: AIX 4.3, Solaris 6.1, NetApp, Korn Shell, Legato

Dec 1999 – Aug 2000 : AIX System Administrator, Creditpar (Atos) - General Electric (SOVAC), Paris, France
Environment: AIX 4.3.3, DYNIX ptx 4.4.6, Korn Shell, ADSM, MQ-Series

Dec 1998 – Avril 1999 : AIX System Administrator, Shell , Gamba, Gabon,
1989 – 1990, 1993- 1994, 1991 – 1993 : UNIX System Administrator Branston Consultants Limited, Birmingham, UK

ADDITIONAL INFORMATION

I have a wide range of personal interests that keep me occupied in my spare time, including home computing, sports (particularly Aikido, Skiing & Sailing) and chess.

Earlier Career

Enjoyed a progressive career in the UK, France and Quebec/Canada within a range of business environments developing IT solutions, Project Management and System Management in Aix. In 2008 employed full time in a major Telephone Retailer and then returned to the Banking Industry before a Spanish bank takeover. Successfully worked as a freelance UNIX System Administrator for the Heathrow Terminal 5 development project in 2007, after returning from Implementing Virtualised High availability solutions in a major Dutch Bank in Amsterdam. From 1999 to 2000 worked in for an Oil company as System Administrator in French speaking Africa. Prior to that, from 1992 to 1999, a range of freelance projects as a Programmer and UNIX System Administrator. Prior to taking my Masters in ICT in France, 1988 I worked for Missile Defence Company in Versailles as Technical (Chemistry) Trainer for overseas clients in the Middle East and India.

REFERENCES – available on request

PROFESSIONAL QUALIFICATIONS & EDUCATION

Diplomata

1987 M.Sc. in Industrial Information Technology,
CESI, Evry

C, Pascal & dBase Programming; design & project, management; finance & strategy; automatic & robotics systems

P.G.C.E. (Science & Mathematics, Education),
Birmingham University, UK

B.Sc. in Chemistry, Specialised in Polymer Science,
Aston University, UK

Professional Membership

2009 Associate Member
British institute for Learning & Development

Extra-Professional Training

2015 Agile Project Management   e-Careers

2015 Lean Six Sigma – yellow belt   €learning

2011 NLP Coaching Diploma Frank Daniels associates, Crick, UK

2010 Entrepreneurial Management – Management Studies Combined Honours module
Newman University College, Birmingham

2009 Training Applied Performance (TAP)Certified (BILD associate)
Learning Foundation, Coventry

2009 Parents & Anger Management   HPS, Birmingham

2005 AU54GB HACMP 5.x System Administration I: Planning and Implementation,
AnIX Group, Yate, Bristol

2004 AU70BGB pSeries Logical Partitioning (LPAR) for AIX 5.2,
AnIX Group, Yate, Bristol

2003 UNIX Administrator Certified Professional (Aix & Solaris 8)

1992 http://www.brainbench.com/transcript.jsp?pid=25150

1992 Advanced Programming in C,
Learning Tree International, Clichy

1991 AIX TCP/IP Communications,   IBM, Sudbury

Computer Experience

Computers	~~Sequent NUMA-Q, IBM RISC p7-750, p6-~~ 695, p5-595, 570, 550, 9117, 650 7038-6M2, S80, H70, 7026-H50, 7025-F50, SUN v240, Sparc SF15K, SF6800, Enterprise 4500,420R, S2000, Fujitsu GPUS clone, Power5 HMC's at V5 R1
O/S	DYNIX ptx 4.4.6, 1.3.0, AIX 7.1, 6.1, 5.3, 5.2, 4.3.3.25,SunOS 5.9, 5.8, 5.7, 5.3.1, UNIX V 3.2.2, SCO 3.2r5.0.5 HPUX 10.0,9.0, Digital UNIX 4.0b, 3.2g, Red Hat Linux 5.1
Networks	VLAN, DNS, Ethernet, TCP/IP, sftp, NFS, NIS, ISBN, sshd, dsh
Languages	C, Pascal, Bourne & Korn shell.
Software	GNUemacs, vi, LATEX, Turbo Pascal & C, WebSphere Application Server (WAS) 5.1, WebSphere for MQ (WMQ) 5.3, Reflections CSM 1., eXclaim!, Verdix ADA, TeleUSE, Lotus Notes 3.0a, MS Word 97, 6.1, 2003, Excel 97, 2003, ALIAS, pCADAM, CATIA, CAEDS, AES, DCS2, Triton 6.1, UDMS, EMS, Mæstro II v3.0 & v4.0, CA Unicenter, Asset Centre 3.6, Aix NetView, HP OpenView & Quality Centre, Service Desk 4.5
Utilities	sed, awk, SE2.5.0.2, VERITAS Volume Manager™, sudo, rsync, samba, SMIT, SCCS, sar, X-windows, vi, MS-Project3.0a, Exceed, , Netscape 5.1, Opera 9.01, Swish Flash™, Solstice NetWorker (Legato) 6.1.3, Symantec Enterprise, Security Manager™, Solstice DiskSuite 4.2.1, Veritas, Netbackup, Nagios, Blade Logic
PLC	DS8000, DS4800, M48 SAN Fabric Switch Director, IBM 21, F20 (Shark) PB15, GE (series 1), SMS, Tellabs HDT, 3575, Tape Library, ADIC Scalar 100, StorEDGE A5200 & A1000
Methods	Prince II, Agile, Lean 6-sigma, TAP, NLP, AMS, Grafcet, Gemma, PMI, IDEA, iCheck, SCAMPER, Mind Maps
Interests	Aikido, Classical Guitar, computers