

Résumé for Anthony David

Engaged by Oracle to provide onsite hardware and software support for the Vayu supercomputer at the NCI National Facility, an Infiniband-connected compute cluster running the Linux operating system and using Lustre as the global filesystem .

Previously engaged by SGI to work closely with NCI/ANUSF system manager and SGI personnel across the world to plan system upgrades and resolve hardware and software issues. Arranged and ran promotions of SGI and the computer facility at two conferences.

Prior experience has encompassed Internet gateway administration and security consulting, administering Solaris servers, TCP/IP networking, Internet services, web development, distributed databases, technical sales support, hardware and OS system installation, mainframe systems programming, SNA networking, database administration, analysis, design and programming.

Have worked for a number of hardware suppliers providing technical support to sales staff and customers as well as account management responsibilities.

Minor contributions to Open Source projects such as Sage(math), Perl, pwgen, ntop, GNU Emacs and zangband.

Have held Australian Government information security clearances up to “Highly Protected”.

Media:

http://www.computerworld.com.au/article/203738/high_day_ahead_linux_hpc?fp=2&fpid=4

Career Profile

- October 2010 to present

Position: Systems Analyst, *Oracle Corporation Australia Pty Ltd*

Onsite support at the NCI National Supercomputer Facility (ANU Campus). Infiniband-connected compute cluster using Lustre as the global filesystem. Work with customer to resolve configuration, firmware, driver and operating system issues. Manage customer support liaison; hardware failures; spares logistics.

- June 1995 to October 2010

Position: Consultant, Trainer, Web Development *Various*

Keywords: Security, Network Admin, Training, PHP, Perl

- June 2006 to September 2009

Position: Technical consultant, *Silicon Graphics Australia Pty Ltd*

Keywords: High Performance Computing, hardware support, software support, customer liaison, Linux

Troubleshoot and repair 1928 processor, 5.6TB RAM, Numalink-connected installation. Analysis of hardware diagnostics, replacement of electronic and electrical components. Troubleshoot and report problems with operating system (SuSE Linux), clustered file system (CXFS) and data management (XVM) software. Liaise with worldwide engineering personnel to resolve system issues. Provide information and advice to client regarding software and equipment. Organised sponsorship by SGI of CTAC 08 conference. Organised and managed displays at LCA08(Linux) and CTAC08(Computational Maths) conferences.

- August 2005 to May 2006
Position: Internet gateway support, *Australian Bureau of Statistics*
Keywords: Cyberguard Firewall, MimeSweeper, Win2k3, Linux, Solaris, Samba
- July 1999 to March 2005
Position: Internet Security Consultant, *Department of Employment, Workplace Relations and Small Business(DEWR)*
Keywords: Internet, Firewall, Risk Assessment, Security Management, Firewall-1, Routers, Solaris 2.8, Squid, Apache, Content Keeper, Tripwire, ZoneLabs Integrity Server, Perl, C
- July 1999 to March 2005
Position: Internet Security Consultant, *ABCI, Centrelink, DITR, ADFA*
Keywords: Gauntlet Firewall, PIX Firewall, MS DNS and DHCP, Server compromise recovery
Reviews of Internet management and services. Investigation and recovery of a compromised web server.
- June 1995 to June 1999
Position: Contract Systems Administrator, *various Aust Govt Departments*
- December 1992 to May 1995
Senior Systems Engineer, *Data General Australia Pty Limited*
- August 1991 to November 1992
Consultant, *Australian Technology Resources Pty Limited*
- April 1988 to May 1991
Marketing Systems Engineer, *Amdahl Australia Pty Limited*
- April 1986 to March 1988
Contract Technical Support, *Commonwealth Department of Veteran's Affairs*
- April 1986 to June 1986
Contract Programmer, *Commonwealth Department of Finance*
- May 1985 to March 1986
Salesman, *Computer Engineering Sales Pty Limited*
- March 1982 to May 1985
Programmer, Analyst Programmer, Data Base Administrator, *Commonwealth Department of Health*

Personal Information

Name: Anthony John David

Education and Training

PhD Student (current, part-time) ANU, Research School of Earth Science: Earth Environment. Research - Carbonate sediment modelling

BSc(Resources and Environmental Management) Honours - Focus: Earth Science and Mathematics, ANU 2010. Research - Palaeoenvironmental modelling.

Completed studies towards BSc, Adelaide University 1978-1981 (Computer Science and Botany).

Administering Lustre-based Clusters, CXFS installation and configuration, Introduction to MPI programming, Firewall-1(Sun), Cisco PIX(Sun), Network monitoring(Netcool). Various tutorials with SAGE-AU, AUUG and linux.conf.au. Presented courses in Unix, Perl and Network Administration. Extensive training in MVS, DB2 and SNA by Amdahl and Commonwealth Dept of Health.

Certificate IV in Assessment and Workplace Training (ANU College, 2005), Mathematics Bridging Modules 2 and 3 (ANU College, 2004), Certificate Level 4 in Japanese Language (Australia-Japan Foundation, 1986)

Address 2/8 Henslowe Place Melba ACT 2615 Australia

Telephone 02-62581385(h) 0414581385(m and w)

Email adavid@adavid.com.au