

Anthony David

Currently supporting Australia's peak supercomputer for Oracle Corporation. In the past, I provided onsite support for SGI, working closely with ANU Supercomputer Facility management and SGI personnel across the world to plan system upgrades and resolve complex hardware and software issues.

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

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".

Key abilities are:

- Proven ability to work creatively under pressure to deliver results;
- Highly adaptive to novel technologies and creatively applying them to the problem at hand;
- Ability to analyse requirements and design effective solutions;
- Develops valued relationships with colleagues and clients;
- Strong written and verbal communication skills.

Personal Information

Name: Anthony John David

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Education and Training:

BSc(Resources and Environmental Management), Honours (Palaeoenvironmental modelling) ANU 2010. Completed studies towards BSc, Adelaide University 1978-1981 (Computer Science and Botany).

Administering Lustre-based Clusters(Oracle, 2010), Introduction to MPI programming(ANU, 2007), CXFS installation and configuration(SGI, 2006), Cisco PIX(Sun, 2004), Network monitoring(Netcool, 2004), Firewall-1(Sun, 2003).

Presented courses in Unix, Perl and Network Administration. Extensive training in mainframe operating systems and networking.

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

Media:

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

References:

Dr David Singleton
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Mr Paul Chubb
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Career Profile

- October 2010 to present

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

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

Troubleshoot and manage the repair of a 11,936 core, 37TB RAM compute cluster. Monitor and replace multicore infiniband cables. Troubleshoot and report problems with the cluster filesystem (lustre) and disk storage subsystems (JBOD).

- June 2006 to September 2009

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

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

Troubleshoot and repair 1928 processor, 5.6TB RAM 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 and SGI management to resolve system and customer 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 and CTAC08 conferences.

- August 2005 to 2010
 Position: **Website security consultant**, *Australian Navy*
 Keywords: Risk assessment, Apache, Linux, Win2003
 Part-time provision of security consulting and site monitoring for hosted web server.
- September 2002 to present
 Position: **Website developer and administrator**, *iped-editors.org*
 Keywords: PHP, Perl, MySQL, Linux
 Part-time development and administration of an online system for managing proof reading service delivery.
- August 2005 to May 2006
 Position: **Internet gateway support; non-ongoing APS6 and EL1**, *Australian Bureau of Statistics*
 Keywords: Cyberguard Firewall, MimeSweeper, Win2k3, Linux, Solaris
 Firewall management, Internet 2nd and 3rd level support. Server installation, configuration and integration. Upgrade, test and deploy content management and authentication Internet proxy services. Deploy and support Linux web servers running Perl, Java and mySQL-based applications. Provide mentorship and specialist advice on Unix, Linux, Free Software languages and applications.
- June 2005 to November 2005
 Position: **Consultant, Trainer** *Various*
 Keywords: WinXP, Win2k3, TCP/IP, LDAP, trainer
 Delivered the practical component of a Network Engineering Diploma. Installed and configured LDAP-based identity management system.
- 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
 Developed Internet application security guidelines, particularly for email generation and inter-agency information exchange;
 Provided security assessments of proposed Internet applications;
 Designed, deployed and supported application hosting within DEWR's infrastructure;
 Evaluated and deployed web filtering products, in particular Smartfilter and Content Keeper;
 Configured CISCO routers, Firewall-1 and TIS Firewall ToolKit (fwtk) proxies to implement Internet Gateway security policies;
 Designed and developed an fwtk authorisation module for Internet access to an internal application;
 Tracked internal inappropriate usage of email and web facilities;
 Developed an automated reporting method of proxy usage across multiple http proxies.
- 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**, *DAS, NFA, DIMA, Comcare*
- December 1992 to May 1995
Position: **Senior Systems Engineer**, *Data General Australia Pty Limited*
- August 1991 to November 1992
Position: **Consultant**, *Australian Technology Resources Pty Limited*
- April 1988 to May 1991
Position: **Marketing Systems Engineer**, *Amdahl Australia Pty Limited*
- April 1986 to March 1988
Position: **Contract Technical Support**, *Commonwealth Department of Veteran's Affairs*
- April 1986 to June 1986
Position: **Contract Programmer**, *Commonwealth Department of Finance*
- May 1985 to March 1986
Position: **Salesman**, *Computer Engineering Sales Pty Limited*
- March 1982 to May 1985
Position: **Programmer, Analyst Programmer, Data Base Administrator**, *Commonwealth Department of Health*