

## Anthony David

Extensive experience in the IT industry, with the last three years supporting Australia's peak supercomputer. Worked closely with ANU Supercomputer Facility management 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 conferences.

Previous 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.

Contributed to Open Source projects such as Sage(maths), 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

**Address:** 2/8 Henslowe Place Melba ACT 2615 Australia

**Telephone:** +61 2 62581385(h) +61 414 581385(m and w)

**Email:** adavid@adavid.com.au

### **Education and Training:**

BSc(Resources and Environmental Management) - Focus: Earth Science and Mathematics, ANU 2008.  
Current part-time study BSc(REM) Honours - Palaeoenvironmental modelling.

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

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

Attended various relevant 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), 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](http://www.computerworld.com.au/article/203738/high_day_ahead_linux_hpc?fp=2&fpid=4)

### **References:**

Dr David Singleton  
System Manager, NCI National Facility  
david.singleton@anu.edu.au  
+61 2 61254389(w)  
+61 422 038812(m)

Mr Gary Marazita  
Asia Pacific Services Mgr, SGI  
garym@sgi.com  
+61 3 99631910(w)  
+61 419 379749(m)

Mr Michael Purdy  
Patrol Boat Commander, Aust Customs  
mpurdy@bigpond.net.au  
+61 402 000272(m)

## Career Profile

- 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 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 and CTAC08 conferences.

- August 2005 to May 2006

Position: **Internet gateway support**, *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.

- September 2002 to present  
 Position: **Website developer and administrator**, *fishreading.com*  
 Keywords: PHP, Perl, MySQL, Linux  
 Part-time development and administration of an online system for managing proof reading service delivery.
- June 1995 to June 1999  
 Position: **Contract Systems Administrator**, *various Aust Govt Departments*
- 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*