

# Antony Wuth

## Contact

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## IT Administration

Linux  
Solaris  
Oracle Database  
Data Communications  
TCP/IP Networking  
ICT Metrics  
Internet Services  
DNS  
HTTP  
ICT Security

## ICT Design

Gateway Environments  
Network  
Security  
SOE  
Web Applications

## ICT Audit

Security  
Firewall Review  
Networks  
Log Management and  
Review

## Languages

Perl  
Java  
PHP  
VGL  
C

## IT Management

Continuous Integration  
Continuous  
Deployment  
Systems Monitoring  
Network Monitoring

## personal history

I worked as a contracted theatrical technician as well as running a private help desk before becoming a contract programmer in February 1998. Over the next 5 years I worked with private enterprises, from small business through to the very large. Over the past 10 years I have worked in the Public Sector, enhancing and managing the Information Technology available to the Australian Government.

## Staff Management

Throughout my career I have been required to manage staff, a role I am comfortable in filling. Whilst at the Department of the Environment I was initially responsible for managing a small development team, and now manage a section of 16 IT professionals with a variety of skills. I enjoy the interaction that comes with a management role and look forward to continuing this aspect of my career. I particularly enjoy mentoring staff, it provides a significant personal satisfaction when I see staff excel.

## Internet Technologies

I have been involved in the Internet since 1991. I played a key role in the set up and operation of a small Internet Service Provider (ISP) CAPCOM. I currently administer a number of Internet sites in both Australia and overseas. I am involved with the Linux operating system, an Open Source system challenging the development practices of many traditional software developers. I have run Linux both privately and commercially since 1992. Over the past seven years I have been responsible for the management of secured internet gateway environments delivering secure, reliable and monitorable internet access to thousands of employees. These secured gateways host public facing web sites and applications listed as the most accessed Australian sites in their class.

## ICT Security

With the management of both internal and public facing systems comes a necessity to proactively manage a security posture. I have been actively involved in the security of IT systems for a number of organisations, including Government departments with International connections. In addition to the operational management of IT environments, I have prepared and interpreted policy documents, provided operational advice as well as participated in investigations. I regularly provide advice on how the changing policy environment will flow through to affect operational architecture and work practices.

## Oracle & Databases

I have spent the last 15 years developing my Oracle and SQL skills. I have been responsible for the installation and configuration of new Oracle databases as well as ongoing adaptation to my clients requirements. I have become proficient in managing changes to database environments, while controlling the impact on planned objectives. While at the Australian Water

Quality Center (AWQC) I was responsible for the planning and implementation of hardware environments to support a growing Data Warehouse providing the AWQC access to water testing results dating back to the early 1930's. More recently I have led projects to upgrade to more recent releases of Oracle including re-engineering systems to take advantage of the new features available. I lead a project at the Department of the Environment to implement a virtualised environment for it's midrange and database systems a number of years before such implementations became a standard. This ground-breaking work led not only to significant financial savings but significant environmental efficiencies.

### **Web Development**

I have worked with a number of leading edge businesses in order to bring their products to the global Internet market. I have worked as a team leader to design, program and implement business critical software including e-commerce, financial and inventory management. A number of my clients have been purely online, requiring the utmost in software reliability. I have provided training in Internet technologies, both one-on-one, as well as in larger groups. Recently I have been assisting government clients with the development and deployment of Java based applications.

### **Budget Management**

Over the past five years I have been personally responsible for multi-million dollar budgets. I have been responsible for the management and delivery of large capital projects leading to significant improvements in the IT environment. While managing these budgets I frequently have to manage changing circumstances and demonstrate the diligence required with the expenditure of public money.

### **Personal Development**

I constantly strive to increase my knowledge, both through formal training and private study. I enjoy expanding my knowledge into new areas and am never satisfied in using a product or system without fully understanding the underlying technologies. I continue to expand my knowledge in the management and administration of information management technologies.

# employment

2013-Present **Australian Government, Department of the Environment**

Canberra, Australia

*Director Platform Services Section*

Duties:

- Lead and manage a diverse team of ICT professionals
- Financial management of multi-million dollar section budget including large multi-year ICT projects
- Project management of both internal and externally delivered systems
- Provide advice, participate and manage ICT procurement activities including large tender processes in the whole of government arena
- Assist in new strategic initiatives both directly and via participation in steering committees and working groups
- Manage external providers and consultants
- Implement and manage mixed Linux and Windows servers
- Participate in key audit processes including implementation of recommendations
- Deliver key infrastructure projects:
  - Migration to new Secured Intranet Gateway
  - Design and implementation of new metropolitan area network design
  - Implementation of the puppet configuration management system
  - Oracle Database and infrastructure upgrades

2008-2013

**Australian Government, Department of Sustainability, Environment, Water, Population and Communities**

Canberra, Australia

*Director Environmental and Business Information Systems Section*

Duties:

- Lead and manage a diverse team of ICT professionals
- Financial management of multi-million dollar section budget including large multi-year ICT projects
- Project management of both internal and externally delivered systems
- Assist in new strategic initiatives both directly and via participation in steering committees
- Manage external providers and consultants
- Implement and manage mixed Linux and Windows servers
- Creation and implementation of resource management strategies (charge-back cost recovery)
- Provide support for web based applications to both internal and external clients
- Train and assist clients to effectively utilise information systems
- Participate in a number of key initiatives including a tender process to source a new Departmental outsourcing provider
- Participate in Whole of Government procurement and policy processes
- Deliver key infrastructure projects:
  - Oracle Database and infrastructure upgrades
  - Network security review, re-mediation and implementation

- 2004-2008 **Australian Government, Department of Environment and Heritage** Canberra, Australia  
*Database and Internet Officer*  
 Duties:
  - Develop, implement and manage Internet applications
  - Implement and manage mixed Unix (Solaris) and Windows servers
  - Provide support for web based applications to both internal and external clients
  - Manage relationships with external providers and consultants
  - Manage APS level staff
  - Train and assist clients to effectively utilise information systems
- 2002-2004 **Cape3** Canberra, Australia  
*Senior Analyst - Web Programmer*  
 Duties:
  - Design of back-end databases, including integration with legacy systems
  - Implementation of application designs in:
    - ColdFusion
    - Perl
    - HTML
    - PHP
  - Assisting graphics designers to realise their vision
  - Design and specification of systems and network upgrades
  - Preparation of tender responses
- 1998-2002 **Australian Water Quality Centre** Boliver, South Australia  
*Analyst / Programmer*  
 Duties:
  - Power Builder development
  - Development of database reporting software
  - Migration and cleansing of data from legacy systems
  - Interfacing financial and laboratory systems
  - Design and implementation of work scheduling systems
  - Providing support for the Sample Manager laboratory management system
  - Maintenance and improvement of Laboratory Information systems
  - VGL Programming
  - UNIX Administration
  - Support for AIX 4.x on RS/6000 hardware
  - Planning and supervision of systems upgrades
  - Administration and Maintenance of Oracle 7.3, 8 & 9i systems
  - Year 2000 (Y2K) systems testing and re-mediation
  - Testing of complex integrated applications over multiple environments
  - Liaison with external suppliers
- 1993-1997 **Freelance PC / Network Technical Support** Canberra, ACT  
*Analyst / Programmer*  
 Duties:
  - Procurement of hardware and software
  - Network installation and troubleshooting
  - Hardware upgrades and maintenance
  - Remote Help Desk support to clients
  - Internet training

## awards

2013	<b>Australia Day Award</b>	Australian Government, Department of Sustainability, Environment, Water, Population and Communities Awarded for sustained contribution to redevelopment of the Department's web presence, including re-engineering of the web hosting platform
2009	<b>Secretary's Award</b>	Department of the Environment, Water, Heritage and the Arts Awarded for sustained contribution towards realising the Department's outcomes
2007	<b>Division Head's Award</b>	Corporate Strategies Division, Department of the Environment Awarded for excellent management of the Department's mid-range database, infrastructure and web information systems
2007	<b>Division Head's Award</b>	Corporate Strategies Division, Department of the Environment Awarded for excellent support to the Department's web information systems

## communication skills

2013	<b>Oral Presentation</b>	Splunk live Presented the Department's implementation of Splunk as a security and log management system.
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## education

2012	<b>Splunk, search administration, installation</b>	
2011	<b>Project Management Best Practice</b>	Dept. of Environment and Heritage
2004-present	<b>Oracle Database Administration and feature updates</b>	Oracle Corporation
1999	<b>Oracle Database Administration</b>	Oracle Corporation, Canberra
1999	<b>Sample Manager Administration</b>	LabSystems Australia, Adelaide
1998	<b>Sample Manager Advanced VGL Programming</b>	LabSystems Australia, Sydney
1997	<b>Diploma</b> Diploma of Business Programming C, COBOL, Visual Basic, SQL, business applications, operating systems and network operating systems	CPTI, Canberra
1993	<b>Year 12 Certificate</b>	St Edmunds College, Canberra

## interests

**professional:** ICT & physical security, solution design, systems automation, process quality improvement.

**personal:** Cycling, fish-keeping, home-automation, cooking, electronics, embedded programming, wood working.