

# Daniel Langenhan

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## Profile

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### EU Citizen and Australia/New Zealand Resident

Daniel is a client-focused Virtualization Expert with demonstrated architecture, consulting, delivery and people skills with over 15 years of industry experience in a wide range of global businesses.

His skills span the breadth of Virtualization, ranging from Architecture, Design and implementation for large multi-tier enterprise client systems to delivering captivating education and training sessions in security technologies and practices to diverse audiences.

In addition he possesses an extensive knowledge and experience with Process Management, Enterprise level storage, Linux and Solaris Operation Systems.

Utilizing his extensive knowledge, experience and skills, he has a proven track record of successfully integration of virtualization into different business areas, while minimizing spend and maximizing reliability and effectiveness of the solution for his customers and their clients. Some examples of his contributions of the organizations Daniel has worked with include:

### Major Australian Global Bank

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Enable the bank to operate effectively in an international marketplace by supplying Engineering and Design for Linux, Solaris and Virtualization environments. Responsible for re-designing and updating the DR strategy for the Linux and Solaris environments. Closely involved in the Design and Engineering of the first large scale virtual deployment for NAB. Engineering lead for auditing the whole server infrastructure, both physical and virtual Redesigned technical and operational aspects of DR and DMZ environments and recommending remedy of out-dated servers.

### Victorian Government

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Technical Project Manager, for the design, implementation and testing of the Whole of Victorian Government DR Solutions. This involved, auditing existing solutions, estimation of future growth, and manage and align architecture efforts for the Whole Victorian Government. The buildup and handover of this totally virtual DR solution included P2V (Physical to virtual conversion) planning, scheduling, managing and execution.

Consulted on the creation of the conceptual enterprise level architecture and associated business case documentation for the Whole of Victorian State Government ICT shared service initiative that gained cabinet approval to proceed and secured a \$90 Million funding allocation.

### VMware

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Provided crucial security advisory, implementation and review services to a wide range of customers across the Asia Pacific region. The range of customers assisted spanned military, state and federal government, banking and finance and law enforcement. The advisory services provided enabled these organizations to be able to effectively deploy virtualization platform(s) while significantly minimizing their risk profile and vulnerability to external and internal threats.

## EDUCATION

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Graduating as Diplom Physiker, (Master of Physics), Johannes Gutenberg University of Mainz, Germany. (1993 – 2000)

Subsidiary subjects (Bachelor Degree equivalent): Computer Science (Software Engineering), Astrophysics

## PROFESSIONAL BACKGROUND

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- VMware Certified Professional
- RedHat certified Professional
- Microsoft Certified Professional

## Language

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- German (Natural)
- English (Negotiation)
- French (Conversational)
- Japanese (Basic)

## EXPERTISE

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Accomplished in architecture, consulting, presales, technical design, delivery & leadership roles  
Strong skills in client and customer expectation management and communication. Demonstrated capability to technically lead project teams from inception/design to operational handover. Proven ability to research, procure, implement and transition new business services to operational status. Effective and timely critical incident management/escalation/troubleshooting abilities

## Employment

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December 2008 - current      **VMWare International**

As a Senior Consultant in Strategy & Operations for the Asia Pacific Region, Daniel is responsible for the design and implementation of Virtual Infrastructure for high profile clients in realms of Government ( Federal and State and International), Military ,Finance and Banking and large enterprises.

APAC Technical Specialist for several IT security and development products.

Responsibilities include:

- reviewing and improving client architecture in virtualization,
- It Security and Application Development,
- Project Management,
- Customer Relations and Reporting to Stakeholders,
- Training other consultants on the concepts, architecture, implementation and management of Operational Readiness for Virtual Infrastructure (National and International)
- Developing presentation materials, technical documentation and knowledge transfer to customer staff & other VMware practice consultants and partners.
- Design and implement VMware Products into customer environments, while adhering to customer IT needs and constraints.
- Working with a diverse selection of customer employees from senior business & IT

management to Project Managers and System Administrators.

- Ensuring alignment between people, process and technology for escalated process and technical issues relating to Virtual Infrastructure and the organizational / shared services environment.
- Develop Customer specific Architectures and Documentation.

June 2009 - Current

**VSSLABS, Singapore**

***Designer Architect for Cloud Based Virtualization management system.***

***Development team lead***

Developed a concept for a cloud based virtualization management system. Designed and architected this solution and lead the Development team in the development and test phase. The product is now on the international market.

Feb 2008 - December 2008

**Department of Finance and Treasury Victoria (I&TS)**

***Hosting Solution Architect/SME***

Consulted on the creation of the conceptual architectural design of, and associated business case documentation for, the Whole of Victorian Government's shared IT service initiative (Efficient Technology Services).

Provided advisory on all aspects of the lifecycle of shared services operations including service architecture (including working closely with Enterprise Architects for integration of solution into existing WoVG Enterprise Architecture), service descriptions, costing, staffing/resourcing and ongoing service management / operational requirements.

Business case was successful in gaining cabinet expenditure review committee (ERC) approval to proceed & secured AUD\$90 Million+ funding allocation.

Responsibly included:

- Develop funding plan
- Research of new and emerging technologies for Green-IT and workplace economic
- Present to the stakeholders of the whole of Victorian government
- Audit of existing infrastructure and strategies of Departments and agencies

August 2007 – Feb 2008

**Department of Finance and Treasury Victoria (I&TS)**

***Technical Project Manager for DR and Server Consolidation and Virtualization***

Enabled the Victorian Government to implement their DR strategy and server consolidation, according to the aggressive timetable required to support their business initiatives while reducing/eliminating substantial ongoing maintenance costs.

Provided key technical consulting, implementation advisory and technical program management across a range of projects including server consolidation, SAN storage & backup and DR implementation as well as the migration of all server and services infrastructure from physical to virtual servers, to support this major upgrade to the department's range of technology platforms.

Responsibly included:

- Backup implementation
- Technical Project Managing of Server consolidation and virtualization

- Development and improving of existing ICT strategies
- Managing Asset Audits
- Auditing ITC spending and Licensing , resulting in reduced spending
- General technical consulting in virtualization and DR strategies
- Implement Incident escalation procedures
- Establish contact and incident management

Dec 2006 – June 2007      **AIG Australia**, Melbourne, Australia

***Linux Designer / Engineer expanding local structure and audit compliance***

Designing and implementing transition of business critical software from Solaris to Linux based infrastructure

Responsibly Included:

- Maintain and audit IT security standards
- Transition IT security mechanism between systems
- Redesign/reemployment IT security mechanism
- Pass head office IT Security Audit

April 2005 – Dec 2006      **National Australia Bank**, Melbourne, Australia

***Global infrastructure - Unix/Linux Engineer***

Supporting, implementing and engineering Linux and Solaris based solutions for global banking. The role required strong leadership through with other departments and groups.

Responsibly Included:

- *24/7 global last level support for business critical systems*
- *Engineering SOX compliant auditing tools*
- *Log analyzing and threat analysis*
- *Streamlining and redesigning DR procedures*
- *Auditing existing infrastructure for server refresh and virtualization project*
- *Supporting Australia's first large scale virtual development environment.*

March 2005      **Permanently relocated to Melbourne, Australia**

May 1997 – March 2005      **Langenhan Computerdienstleitungen**, Mainz, Germany

***Owner and Director***

Specialising in IT security consulting, training and secure network solutions for SME clients though out Germany.

May 1998 – March 2005      **Chamber of Industry and Commerce (IHK)**

**Multimedia Akademie Mainz**

**Trade Corporation(HWK)**

**TÜV-Akademie**

***Freelance professor, IT Security and IT Management***

Delivered compelling training services to a range of multinationals including KPMG, Thyssen Krupp and IBM

April 1996 – May 1997      **Conversa GmbH**, Bad Kreuznach, Germany

***Network Administrator / WebPage design / Real estate and Bond sales***

Successfully integrated domain knowledge of real estate and bond markets to develop an

Internet solution that enabled online advertising and marketing.  
Gained extensive experience in servicing the Japanese market.

May 1995 – April 1996      **AWD (Financial strategists)**, Wiesbaden, Germany

***Freelance Business consultant.***

Provided effective sales and account management, resulting in rapid and significant increase in sales volumes.

## **Technical Skills & Experience Summary**

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**Frameworks/Methodologies:** ITIL, TOGAF, PRINCE 2

**Security:** Security Hardening, Penetration testing, Vulnerability / Threat assessment, SOX Compliance design/verification, Patch Management, Endpoint security, Firewall configuration, Forensics and Log analysis processes, DMZ design and configuration, VPN design and configuration

**Virtualization:** VMware vSphere infrastructure, Complete VMware product range, Plate Spin Converter, ZEN and XEN experience. 3rd level business integration and automation of virtualization.

**VMware products:** vSphere 4.1, LabManager, LifeCycle Manager/Orchestrator, vShield, Site Recovery Manager, vCenter Cloud Director, View, CapacityIQ, Operations Standard, Request Manager.

**Storage, HA & Backup:** EMC and Netapp SAN architecture, NFS, SMB, iSCSI, DAS, NAS, Veritas Storage foundation and Cluster Service for Linux/Unix

**Microsoft:** Microsoft Desktop and Server technology, MS Exchange Server, MS SQL Server, All MS-Office products.

**Linux/Unix:** SUN Solaris, RedHat Enterprise Server, Suse Enterprise Server, IPTable Firewall, DMZ and Firewall Security, Novell Open Enterprise Server

**Databases:** Data base design, Microsoft SQL Server, MySQL, Access

**Network:** Routing, Firewalls / DMZ's, Cabling (BNC to Fibre), VPN Connection, Wireless, BMC Patrol, NIS, NIS+, AD & LDAP

**Programming Languages:** Turbo Pascal, Delphi, C++, Visual Basic, VB.net, HTML, XML, DHTML, CSS, JavaScript, PHP, XML/XSL, ASP.net, c#, Perl, Bash

**Internet:** Website Design, LINUX, APACHE, MySQL, PHP Interaction, Macromedia Tools, Joomla Design and