

Where Open Minds Meet



Australia's largest dedicated Open Source Event for Business and Government

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Les Bell
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Russell Coker
Red Hat



Paul Ducklin
Sophos



Bdale Garbee
Hewlett Packard



Monica Kumar
Oracle



LinuxWorld Conference & Expo is the world's leading and most comprehensive event focusing on Linux and Open Source solutions.

- Australia's only dedicated Linux & Open Source Conference & Exhibition
- Learn more about the technology & business benefits from the world's fastest growing operating system
- Learn from the worlds leading Open Source experts
- Over 30 local and international speakers
- See the latest developments in action
- Interact with community leaders and network with your peers

International Conference

The 2006 inaugural LinuxWorld Conference Australia will focus on the business value, strategy, deployment and maintenance of Linux and Open Source applications. The conference allows attendees to experience education in all facets of a specific track, be it business or technology oriented. Each session has been designed to provide the full depth and breadth of information. Bring your whole team to gain the maximum education and understanding.

World Class Expo

Explore your options, analyse solutions and gain a better understanding of how leveraging Linux and Open Source technologies can positively impact your company's bottom line. The world's leading hardware and software vendors exhibit at LinuxWorld to meet their customers and promote their wares.

For them, the show is all about you, the attendee. Only at LinuxWorld will you be able to evaluate and test drive the latest developments from the leading companies and the hottest new start-ups in one place.

Who should attend

- Corporate Management (CIOs, CFOs, CEOs, CTOs)
- Managing Directors
- Business Managers
- IT/IS/MIS Professionals
- Systems Administrators
- Network Managers
- Consultants
- Programmers
- Engineers
- ISVs
- OEMs
- ISPs/ASPs
- VARs
- Systems Integrators
- Software Engineers
- Developers
- Project Managers

SESSIONS AT A GLANCE



Tuesday 28 March - Business Sessions

8.00am - 8.50am	Registration
8.50am - 9.00am	Official Opening & Welcome
9.00am - 9.45am	You can bet your business on Free Software - Jon "Maddog" Hall, Executive Director - Linux International
9.45am - 10.30am	The True Linux Opportunity - Monica Kumar, Director Linux Program Office - Oracle
10.30am - 10.45am	Morning Tea
10.45am - 12.00pm	Open Source Business Models Panel Discussion
12.00pm - 1.15pm	Lunch
1.15pm - 2.00pm	Why Open Standards are vital to your ICT Infrastructure - Ivan Kladnig - IBM
2.00pm - 2.45pm	Managing Linux in a Mixed Environment - Bill Hilf, Lead Program Manager - Microsoft
2.45pm - 3.00pm	Afternoon Tea
3.00pm - 4.00pm	Case Studies
4.00pm - 5.30pm	Emerging Technologies - Understanding emerging technologies means being prepared to take advantage of the applications of tomorrow, today.
6.00pm - 7.30pm	Drinks & Product Excellence Awards

Tutorials

9.00am - 12.00pm	Using NSA Security Enhanced Linux - Russell Coker, Coder - Red Hat
1.30pm - 4.30pm	Xen & other Virtualisation Techniques - Novell

Hands-on Labs

9.00am - 12.00pm	Directory Hands on Workshop 1 - Open LDAP fundamentals - Les Bell, Director - Les Bell & Associates
1.30pm - 4.30pm	Linux High Availability Cluster - IBM

Wednesday 29 March - Business Sessions

8.00am - 9.00am	Registration
9.00am - 9.45am	The Open Enterprise: A Prescription for Success - John Dragoon, Vice President of Global Field Marketing - Novell
9.45am - 10.30am	The Open Source Legal Landscape - Brendan Scott, Open Source Law & Darren Skidmore, University of Melbourne
10.30am - 11.00am	Morning Tea
11.00am - 12.00pm	Linux Certifications and Training Panel - Novell, Red Hat & LPI
12.00pm - 1.15pm	Lunch
1.15pm - 2.00pm	Viruses & Linux - Friends or Enemies? - Paul Ducklin, Head of Technology Asia Pacific - Sophos
2.00pm - 2.45pm	Open Source & the Commoditisation of Commercial Software - Martin Fink, Vice President Linux - Hewlett Packard
2.45pm - 3.00pm	Afternoon Tea
3.00pm - 4.30pm	Case Studies
4.30pm - 5.30pm	Business Workshop - How to Create an Open Source Strategy for your Organisation - Pia Waugh. Reaping the Benefits of the Community Development Model - Bdale Garbee, CTO Open Source & Linux Organisation - Hewlett Packard
5.30pm	Closing Remarks

Tutorials

9.00am - 12.00pm	Advanced Samba Administration - This session will be taken by Hewlett Packard
1.30pm - 4.30pm	Developing & Deploying with OPAL (Oracle PHP Apache Linux) - Oracle

Hands-on Labs

9.00am - 12.00pm	Directory Hands on Workshop 2 - Enterprise Identity Management - Les Bell, Director - Les Bell & Associates
1.30pm - 4.30pm	Managing a Mixed Linux Windows Environment - David Kempe - Solutions First

K **FREE Keynote**

BUSINESS & TECHNICAL SESSIONS

Tuesday 28 March 2006

Business Sessions

You Can Bet Your Business on Free Software

9.00am - 9.45am - Free Keynote Speaker: Jon "Maddog" Hall, Executive Director - Linux International

A person's business is very important to them, whether that business is one of pure commerce, government, or the business of education. Closed source solutions often leave much to be desired, but Free Software, with the "poster child" of the Linux operating system, can help protect your business against outages, uncertain future licensing schemes, and other issues. This talk will outline why Free Software gives much more value to the solution and therefore a better return on the investment than typically comes with closed source software.

The True Linux Opportunity

9.45am - 10.30am Speaker: Monica Kumar, Director Linux Program Office - Oracle

If you're looking at Linux just as a way to lower your hardware cost, you're missing the opportunity. Oracle's Monica Kumar will discuss how Linux can be a catalyst in modernising and automating your data centre and IT infrastructure, in standardising deployment building blocks, in increasing the quality of your customer support experience and in lowering your overall support cost. Monica will provide real examples of customers that have successfully deployed the "Linux Grid" to cost-effectively run their business.

Open Source Business Models Panel Discussion

10.45am - 12.00pm Speakers: MySql and Squiz.net

In this discussion panel, a wide range of Open Source companies will share stories, their business and revenue models, and the pros and cons of building a business in Open Source.

Why Open Standards are Vital to your ICT Infrastructure

1.15pm - 2.00pm Speaker: Ivan Kladnig - IBM

Open Standards are becoming vital for business continuity, interoperability and data preservation in a rapidly evolving digital business world. IBM will explore the urgent need for Open Standards adoptions, the benefits that they provide and how organisations can commence utilising Open Standards for better business today. IBM has been at the fore-front of Open Standards development, promotion and adoption for many years and has many customers leveraging the benefits of Open Standards in their IT infrastructures today.

Managing Linux in a Mixed Environment

2.00pm - 2.45pm - Free Keynote Speaker: Bill Hilf, Lead Program Manager, Platform Strategy - Microsoft

Because of the dynamic nature of the industry, corporate networks, including some test labs within Microsoft, are often comprised of mixed environments that run UNIX, Linux and Windows technology. Hear what the experiences have been of Microsoft's experts in this lab environment as well as Microsoft's viewpoint on the advantages and disadvantages of Open Source Software from a technical perspective.

Case Studies

3.00pm - 4.30pm

Today we will look at case studies from Novell, Red Hat and Rising Sun Pictures.

Emerging Technologies

4.30pm - 5.30pm Speakers: Solutions First, Squiz.net, Si2, CSIRO & Obsidian

Understanding emerging technologies means being prepared to take advantage of the applications of tomorrow, today. Find out about emerging technologies in the areas of security, customer relationship management, video web technology and content management.

Tutorials

Security Workshop

9.00am - 12.00pm Speaker: Russell Coker, Coder - Red Hat

The new security features that SE Linux provides are not being used as much as possible due to lack of knowledge among users. In this session Russell Coker will train delegates on how to use current features of SE Linux to improve the security of their systems. In the second part of the tutorial Russell will be covering some significant new features that are being added to SE Linux which will be available in early 2006.

Xen & Other Virtualisation Techniques

1.30pm - 4.30pm Speakers: Paul Kangro and Neil Marquardt - Novell

This tutorial will give an overview of existing and emerging virtualisation technologies. Learn about the available technologies like XEN to host virtual instances of Linux or other OSs, SLES technologies supporting virtualisation across different hardware platforms. And get to know XEN, the new Open Source technology providing key virtualisation features to the Linux ecosystem. The discussion will show how virtual resources can be managed and deployed in a virtual environment and how users can benefit from virtualisation techniques all the way from the desktop to the data centre.

For early bird savings register by 3rd March www.linuxworldexpo.com.au

BUSINESS & TECHNICAL SESSIONS

Tuesday 28 March 2006 (continued)

Please note: You MUST BRING A LAPTOP with the appropriate software preloaded to the class. The required skills, hardware and software specifications for each lab will be included in each lab description at linuxworldexpo.com.au

Directory Hands-on Workshop 1- Open LDAP Fundamentals

9.00am - 12.00pm Speaker: Les Bell, Director - Les Bell & Associates

With directories becoming more important in the enterprise, this hands-on lab will teach attendees the concepts of LDAP components and Directory Information Tree design and specifically demonstrate, through a hands-on approach, how to implement Open LDAP from the ground up to be a useful addition to any environment. Concepts that will be explored include replication to any Access Controls, concluding with the integration of several applications that can leverage the LDAP scheme. Cross platform authentication will only be touched upon; this subject will continue in the Enterprise Identity management workshop where the fundamentals will be expanded to include authentication and the integration of Kerberos.

Linux High Availability Cluster

1.30pm - 4.30pm Speaker: This session will be taken by IBM

High Availability clustering is a must for organisations that need to be running 24/7. IBM will be running an intensive clustering lab for learning the latest and most effective high availability techniques for keeping your business online and on track. Without successful business continuity practices such as high availability clustering for your core business applications, you can lose revenue by the minute.

Wednesday 29 March 2006

The Open Enterprise: A Prescription for Success

9.00am - 9.45am Free Keynote Speaker: John Dragoon, Vice President of Global Field Marketing - Novell

Fundamental to an enterprise's success is the availability of secure and reliable business processes that help the enterprise work effectively with partners, suppliers and customers. The end goal for business is to build an Open Enterprise; a model designed to blend all of these elements and give companies what they need to thrive in a global market running at breakneck pace. In today's increasingly mixed IT environment Linux, Open Source and Open Standards form the technical foundation of the Open Enterprise.

The Open Source Legal Landscape

9.45am - 10.30am Speaker: Brendan Scott, Open Source Law & Darren Skidmore, University of Melbourne

This session will cover the legal ramifications of Open Source, what an Open Source license means to your business and the legal challenges and opportunities facing you today.

Linux Certifications and Training Panel

11.00am - 12.00pm Speakers: Novell, Red Hat & LPI

So how do you find qualified and reliable Linux and Open Source skills? Find out about how to grow and migrate your existing skill sets, or what to look for in a technology partner to ensure reliable support of Linux and Open Source in your environment.

Viruses & Linux - Friends or Enemies?

1.15am - 2.00pm Speaker: Paul Ducklin, Head of Technology Asia Pacific - Sophos

Mention viruses and Linux in the same sentence and you will get one of three opinions from technical experts. Some will tell you that Linux is a great place for anti-virus software because the platform is fast and reliable, yet mostly immune to those viruses which might otherwise pass across it and harm their Windows-using comrades. Others will tell you that the very idea of a Linux anti-virus is traitorous, and part of a marketroid conspiracy by the security industry to sell unnecessary software to credulous executives. And a few will tell you that Linux is a malware timebomb waiting to happen, with uncontrolled worldwide infection only a matter of time, and just you wait. This presentation tries to take an objective look at the past, the present and the future of malicious code on Linux/UNIX so that you can decide for yourself which of the three opinions suits you best.

Open Source and the Commoditisation of Commercial Software

2.00pm - 2.45pm Free Keynote Speaker: Martin Fink, Vice President Linux - Hewlett Packard

Open Source continues to challenge and revolutionise the business model for commercial software. Markets once dominated by UNIX have been permanently changed by the economics of Linux on industry-standard platforms. What started as a disruptive technology only five years ago is now mainstream and still growing, claiming powerful victims. But Linux was only beginning. New opportunities continue to develop for the open source software business model. We are already witnessing the beginning of commoditisation in the middleware market with My SQL and JBoss. The application market will be next.

BUSINESS & TECHNICAL SESSIONS

Wednesday 29 March 2006 (continued)

Business Sessions

Case Studies

3.00pm - 4.30pm

Today we look at case studies of Open Source being used in movie production, television stations and a Linux on the desktop implementation.

Business Workshop

4.30pm - 5.30pm **Speakers: Bdale Garbee, CTO Open Source & Linux Organisation - Hewlett Packard**
Pia Waugh, Vice President - Linux Australia

In this Business Workshop you will hear from Bdale Garbee on "Reaping the Benefits of the Community Development Model." Open Source and Linux thrive and actually develop by virtue of the community development model that vendors like HP support in earnest. This keynote session will review not only the basis for this model but also how and why it's integral to HP's support of Open Source and Linux within the community as well as internally throughout HP.

Pia Waugh will discuss "How to Create and Open Source Strategy for your Organisation." Discover some practical steps to starting your Open Source strategy, where the business challenges and opportunities lie, and how to best leverage Open Source to gain control over your ICT strategy and business goals.

Tutorials

Advanced Samba Administration

9.00am - 12.00pm **This session will be taken by Hewlett Packard**

This tutorial is intended for system administrators who are currently managing Samba servers or are planning to deploy new servers this year. This course will outline the new features of Samba including working demonstrations throughout the session.

Let's Go Oracle & PHP - Deploy & Develop OPAL (Oracle PHP Apache Linux)

1.30pm - 4.30pm **Speaker: Chris Jones, Technical Consultant, Oracle Product Development.**

Get help installing Oracle Database 10/g/ Release 2 on Linux. Bring your laptop (512MB minimum) and walk away with a complete enterprise Oracle & PHP environment with Zend Core for Oracle. Get FREE software from Novell, Red Hat, and Oracle. Oracle experts will demonstrate best practices for Oracle & PHP, and interoperability with SQL, Java, and BPEL while taking advantage of PHP's explosive growth and new functionality.

Please note: You MUST BRING A LAPTOP with the appropriate software preloaded to the class. The required skills, hardware and software specifications for each lab will be included in each lab description at linuxworldexpo.com.au

Directory Hands-on Workshop 2 - Enterprise Identity Management

9.00am - 12.00pm **Speaker: Les Bell, Director - Les Bell & Associates**

This tutorial teaches how to design and implement an Open Source centralised authentication solution that is suitable for a multi-site, cross-platform organisation. This tutorial builds directly on the concepts of Directory Hands-On Workshop 1. Topics covered will include a brief discussion on authentication methods utilised by Linux, Windows, Mac OS X and other *nix OS's, their compatibilities and incompatibilities and the security considerations for each platform. We will then design and construct a centralised authentication infrastructure utilising OpenLDAP, PAM, Samba and Kerberos to provide secure logon services to Linux and UNIX and provide DC services to Windows clients. This workshop will then close with a look at high availability and load balancing strategies and example applications that can benefit from the unified password model.

Managing a Mixed Linux Windows Environment

1.30pm - 4.30pm **Speaker: David Kempe - Solutions First**

During this lab session attendees will learn how to monitor and manage network resources and machines with popular Open Source tools. We will learn how to configure Nagios to proactively monitor your network resources. We will also setup and run Cacti to graph performance metrics of target machines. Attendees will walk away with the skills to configure an Open Source and Free monitoring and management solution for Linux or Windows. Also, as we are utilising VMWare, attendees will have a fully functioning system they can easily extend to monitor and manage their own environments.

Prerequisites:

* A laptop with 512MB ram and 3GB of hdd space running Windows or Linux

* VMWare Player (download from <http://www.vmware.com/download/player/>)

* Basic Linux skills - navigating the shell and editing text files.

Hands-on Labs

For early bird savings register by 3rd March www.linuxworldexpo.com.au

GOVT DAY

Thursday 30 March 2006

Government Day is a chance to explore what is happening with Open Source in the Australian Government and several Asia-Pacific Governments.

It is a unique opportunity to hear directly from Government representatives about how they are using Open Source, where they see the opportunities and how we might be able to learn from the many successes they are finding with Open Source technologies.

The program will include presentations by senior representatives from the Australian Government Information Management Office, the NSW Department of Commerce, OpenSource WA, and National Archives of Australia. Topics include the agency strategic approach towards Open Source, the unique opportunities and challenges they have found in Open Source Technologies and presentations of Open Source Case Studies.

The international Open Source Network, a United Nations initiative, will present on the use of Open Source throughout Governments around the world and where they see opportunities in Open Source.

Government representatives from countries in the Asia Pacific region including China, Malaysia, New Zealand will present on the use and successes of Open Source from their perspective.

For more details on Government Day, visit the LinuxWorld website at www.linuxworldexpo.com.au/conf.asp

Sessions at a glance

8.00am - 9.00am	Registration
9.00am - 9.10am	Official Opening & Welcome
9.10am - 9.55am	Open Source and the Australian Government – Senior representative from the Australian Government Information Management Office
10.00am - 10.35am	Changing the Mindset - Elizabeth Gordon-Werner - NSW Dept of Commerce
10.40am - 10.55am	Morning Tea
11.00am - 11.30am	Digital Preservation, Why Open Standards and Open Source Matter - Michael Carden - National Archives of Australia
11.35am - 12:05am	Let's Rock the Boat! Why Leveraging Open Source in Government is Important - Kevin Russell, Manager of Information Infrastructure - Western Australian Department of Industry and Resources
12.10pm - 1.10pm	Lunch
1.15pm - 2.00pm	FOSS and Government Policy - Sunil Abraham - the International Open Source Network (a United Nations initiative)
2.05pm - 2.50pm	Open Source in the Chinese Government
2.50pm - 3.10pm	Afternoon Tea
3.15pm - 4.00pm	The Malaysian Open Source Software Initiative - Dr Nor Aliah Mohd. Zahri, Director of ICT Policy and Planning Division - Malaysian Administrative Modernisation and Management Planning Unit, Prime Minister's Department
4.05pm - 4.50pm	War Stories on Open Source from a New Zealand Central Government Agency Perspective - Edwin Bruce, Manager E-government Projects, ICT Branch, State Services Commission, Wellington
4.55pm	Closing Remarks



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