

26th JANUARY 2006

15h00	Coffee Break	
15h30	Introduction into OpenSource Enterprise Application Integration by Florian Teepen	Ubuntu by Daniel Holbach
16h30	Certification, a comparison by Machtelt Garrels	SQL-Ledger more than just accounting by Pim Van Heuven
17h30	SOCIAL EVENT	

27th JANUARY 2006

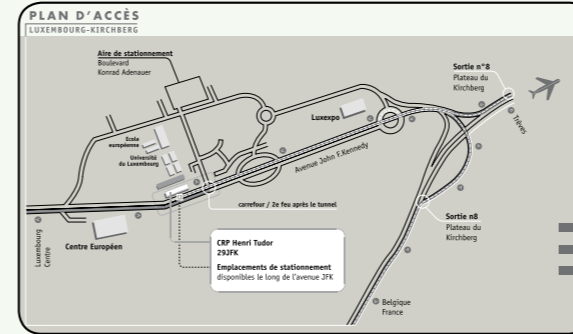
9h00	VPNs using Linux by Ralf Spenneberg	Data storage and processing by Georges Schütz and Marc Seil	OpenOffice.org by Hugues Henriot	Linux Print and file server by Till Kampeter and Alain Knaff	License Track by Matthieu Farcot
10h30	Coffee Break				
11h00	VPNs using Linux by Ralf Spenneberg	Data storage and processing by Georges Schütz and Marc Seil	OpenOffice.org by Hugues Henriot	Linux Print and file server by Till Kampeter and Alain Knaff	License Track by Matthieu Farcot
12h00	Lunch				
13h30	VPNs using Linux by Ralf Spenneberg	Data storage and processing by Georges Schütz and Marc Seil	OpenOffice.org by Hugues Henriot	Linux Print and file server by Till Kampeter and Alain Knaff	License Track by Matthieu Farcot
15h00	Coffee Break				
15h30	Economic model of free software by Brent Frère	Automating Xen virtual machine deployment by Kris Buytaert			
16h30	Delivering multimedia at a very large scale using free software by Laurent Kratz	Open-source SAN infrastructure or Iscsi, scsi on steroids by Matthias Rechenburg			
17h30	SOCIAL EVENT				

Registration on www.linuxdays.lu

EVENT DETAILS

location

Centre de Recherche Public Henri Tudor
29, avenue John F. Kennedy
L-1855 Luxembourg - Kirchberg



venue

Parking spaces are available along avenue John F. Kennedy and on Boulevard Adenauer 250m from the building of the CRP Henri Tudor (€ 0,4 per hour)
Bus lines : 16, 125, 192, 194, 18
(From train station - stop Coudenhove-Kalergi).

contact

Patrick Harpes - CRP Henri Tudor
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info@linuxdays.lu - tél : +352 42 59 91 - 213

fees

All tutorials are free of charge for students (Proof required)

Tutorials 25th to 27th January 2006 :

- VPNs using Linux | 3days, 25th, 26th and 27th January 2006 (9:00-15:00) : 275 € TTC
- Voice over IP | 2 days, 25th and 26th January 2006 (9:00-15:00) : 200 € TTC
- Hacking for Admins | 25th January 2006 (9:00-15:00) : 125 € TTC
- Linux Basics | 25th January 2006 (9:00-15:00) : 75 € TTC
- Forensic Analysis | 26th January 2006 (9:00-15:00) : 125 € TTC
- Advanced Linux Networking | 26th January 2006 (9:00-15:00) : 125 € TTC
- Secure Linux Communication Server | 26th January 2006 (9:00-15:00) : 125 € TTC
- Data Acquisition and Treatment | 27th January 2006 (9:00-15:00) : 125 € TTC
- OpenOffice.org | 27th January 2006 (9:00-15:00) : 75 € TTC
- License Track | 27th January 2006 (9:00-15:00) : 125 € TTC
- Linux Print and File Server | 27th January 2006 (9:00-15:00) : 125 € TTC

Combination of several Tutorials : please refer to the online registration form

Exhibition and Conferences 25th - 27th January 2006 : Free

date & time

25th - 27th January 2006 - 9:00 to 17:30

language

The tutorials are in english

registration

Thanks for registering before
20th January 2006
Online : Register now on www.linuxdays.lu

The fees have to be paid on receipt of the invoice (at the latest for the 24th January 2006). For the payment, please mention the invoice number, the name of your company and the reference "Linuxdays 2006". The payment can be done through :

- Transfer to postal account CCPL :
IBAN LU40 1111 0925 5517 0000
(BIC : CCPL LULL)
- Credit transfer to the Bank and Caisse d'Épargne de l'État : IBAN LU07 0019 1300 0614 9000
(BIC : BCEE LULL)

The banking costs are in charge of the participant. The registration fees includes refreshments and one copy of the tutorial proceeding.

25 - 27
JANUARY 2006

LUXEMBOURG - KIRCHBERG



TUTORIALS

EXHIBITION



CONFERENCES

www.linuxdays.lu

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LINUXDAYS 2006

The basic concept of Free & Open Source Software is that developers distribute, modify and test their software worldwide via the Internet; the software and its source code being freely available for download and use.

One of the most important developments to come out of this Free & Open Source Software Community is GNU/Linux, a UNIX-like operating system, whose kernel was created originally by Linus Torvalds. With Linuxdays, we present Linux and the Free & Open Source philosophy in its different facets to the Luxembourg public.

VPNs using linux
Ralf Spenneberg
Open Source Training Ralf Spenneberg
 25th, 26th, 27th January 2006

The need for virtual private networks becomes greater, the more business is done using the internet. Many vendors address this need and not many people know about alternative open source solutions. This tutorial will cover the basics of the implementation of a virtual private network using Linux. IKE-daemons will be used to setup a simple tunnel using preshared-keys. Tools for troubleshooting will be demonstrated. Further a roadwarrior scenario, based on a X.509 certificate authentication, will be explained and implemented. Advanced topics like dead-peer-detection, nat-traversal, Xauth and IKE-Mode-Config are demonstrated and the tutorial will end with firewalling aspects of the current IPsec implementation.

Voice over IP
Rainer Oechsle - FH Trier, Patrick Harpes, Johannes Hermen - CRP Henri Tudor
 25th, 26th January 2006

The first day of this tutorial compares classical circuit-switched telephony with packet-switched VoIP telephony and introduces the most important features and protocols of VoIP. The outline of the tutorial thus is as follows: Classical Circuit-Switched Telephony PSTN (POTS, ISDN), Basic Techniques of Packet-Switched Telephony (Addressing, Signaling [SIP, H.323, IAX2], Data Transport [RTP / RTCP], Audio Codecs), Advanced Techniques (Quality of Service, Security, ICE), Gateways between PSTN and VoIP Networks, Business Aspects of VoIP. The second day focuses on the advantages of the free PBX Asterisk. Hands-on exercises will deepen the subject, and during the tutorial, you will have to setup your own PBX with Asterisk.

Hacking for Admins
Michael Hamm - CRP Henri Tudor
 25th January 2006

Security mechanisms only could be planned and developed successfully, if the security responsible administrators master the attackers methods and tools, and understand their way of thinking. This tutorial will convey the manner in which attackers proceed. Participants will have access to PCs with tools and exploits. The practice oriented tutorial will be completed by technical background information.

Basic Linux Course for Beginners
LiLux a.s.b.l
 25th January 2006

Learn more about computers running SuSE 10.0 with a KDE desktop computer. This tutorial includes exercises with the most popular desktop applications, including word processing, spreadsheets, presentation, web browsing, email, chat, graphics, multimedia, etc., as well as accessing the Internet.

Secure Linux Communication Server
Christian Mock - VIBE!AT and Eric Dondelinger
CRP Henri Tudor
 26th January 2006

This tutorial focuses on how to set up a mail server with antivirus and antispam. The speakers will guide you through the theory, architecture and actual installation and configuration of such a system, based on the postfix MTA, AMaViS, ClamAV, SpamAssassin on top of a Debian Sarge GNU/Linux operating system.

Forensic Analysis
Patrick Vanderlinden and Christophe Monniez
Belgian Federal Computer Crime Unit
 26th January 2006

This tutorial consists in analyzing traces on an USB key with the help of the FCCU GNU/Linux forensic boot CD. Participants will learn how to make a keyword search, to undelete files and to use some more advanced forensic techniques. The participants are invited to try the examples. The how and the why will be explained. This tutorial is mainly based on the workshop given at hack.lu and available, with the USB key image on <http://www.lnx4n6.be>. So start to train and prepare your questions.

Linux Networking Course
Thierry Coutelier and Brent Frère - LiLux a.s.b.l
 26th January 2006

This tutorial includes theory and exercises on how to configure a simple Ethernet interface, routing, virtual interfaces, packet filtering and quality of service between hosts and networks. Classic networking tools will be used to analyse the network.

Linux Print and File Server
Till Kampeter - Mandriva and Alain Knaff
LiLux a.s.b.l
 27th January 2006

In this tutorial, it will be shown how to set up printing in a networked environment with Linux/Unix server(s) running the CUPS printing system. The treated topics range from print queue, network printing to MS Windows(TM) client set up using Samba. In the second part of this tutorial, you will learn how to configure a simple Samba file server and advanced tasks, such as setting up a primary domain controller whose passwords may be synchronized using PAM with the UNIX credentials and finally how to set up fine-grained access control and printing.

Data storage and processing
George Schutz, Marc Seil - CRP Henri Tudor
 27th January 2006

Data confronts our private and professional lives on a daily basis. The bulk of this data requires a structured and convenient means of storage, access and analysis. This tutorial, mixing theory and practice,

demonstrates the application of Free & Open Source Software (FOSS) in retrieving, archiving and analysing this data. The first part focuses on archiving and storage using the MySQL DB-System, and FOSS client applications covering design and architecture. The second part concentrates on basic data analysis and visualisation tasks, with the usage of the statistical and mathematical tool «R».

OpenOffice.org
Hugues Henriot - CRP Henri Tudor
 27th January 2006

OpenOffice.org is a Free and Open Source Software project under the LGPL that provides a multi-platform office productivity suite. This interactive tutorial will introduce OpenOffice.org. and the most important features of the two of the key applications: «Writer» for text documents and «Calc» for spreadsheets. Apart of the introduction to the applications a focus is given to the most important differences between OpenOffice.org and other important office suits.

License Track
Matthieu Farcot - CRP Henri Tudor
 27th January 2006

“Intellectual property” is the heart of any software or intellectual creation. From copyright to copyleft, this track will respond to various topics linked to intellectual property, such as licensing and its impact on business models in software, or the usefulness of open diffusion in any kind of creation. The track will be divided in two parts, one dealing specifically with intellectual property in open-source projects (license explanation, inter-operability problems, etc) and the other one focusing on the Creative Commons framework.

Check tutorial requirements on www.linuxdays.lu

Presentations: Wide-ranging topics of interest such as security, ERM/CRM, multimedia, economical, licensing aspects and much more, will complete the tutorials. For more information please visit: www.linuxdays.lu/agenda

Exhibition: Each booth in the exhibition area is staffed by a commercial partner displaying a community project. For latest news, visit: www.linuxdays.lu.

Media partner **promoculture**

AGENDA

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15h30	Bluetooth (in)security by Pascal Steichen		OpenSource Technologies for SMEs Secure Services by Belkacem Kechicheb	
16h30	Managing a set of machines remotely by William Robinet and Jean-Charles Fellet		Compiere an alternative for the SME by Didier Van Ginkel	

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continuation of the programme on the following page