

MUGLines

The Manitoba UNIX User Group Newsletter

Volume 30 No. 8, April 2018

Editor: Tyhr Trubiak

Next Meeting: April 10, 2018

7:30pm

RTFM: true/false with Brad Vokey

Learn how to avoid the following:

```

if [ "$brad_vokey_present" = true ]; then
  echo 'RTFM time with Brad!'
else
  while true;do
    echo 'Extra long roundtable...'
  done
fi

```



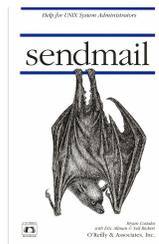
Check Point
SOFTWARE TECHNOLOGIES LTD.

Presentation: Checkpoint Firewalls

Wyatt Zacharias will present **Checkpoint Next-Gen Firewalls**. Checkpoint firewalls feature next-gen features such as IPS, Application and Web control, Download Sandboxing, HTTPS deep inspection, and advanced central management capabilities. Checkpoint software is available on a variety of platforms, including their own hardware appliances and any standard x86 platform. Wyatt will demonstrate how to install and setup the software in a virtual environment, and how to get started with the next-gen features of the firewall.

Door Prizes

Ever wish there was a way to send an email from the command line in Linux, so your boss thinks you're "coding" instead of forwarding jokes? The 1st edition of O'Reilly's **sendmail** softcover book will be up for grabs! Plus we will be giving away a couple of e-books and the usual assortment of miscellanea. Come to the meeting for your chance to win!



This Month's Meeting 1M28 Manitoba Hall, U of W



Meetings are held in the University of Winnipeg's Manitoba Hall, in the east end of the University Complex, near Balmoral St.

We can be found in room 1M28.

Doors are usually open by 7:00 pm with the meeting starting at 7:30 pm. Parking is available on the surrounding streets. See uwinnipeg.ca/maps for further information

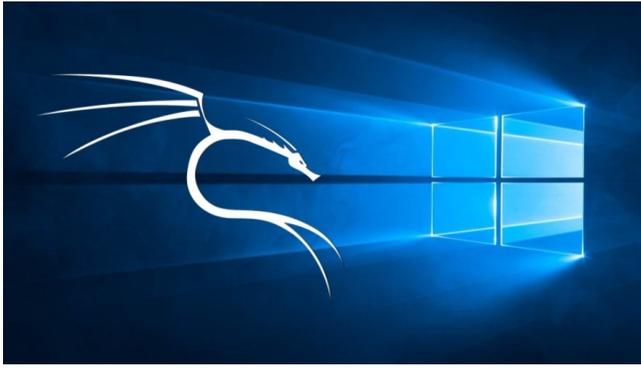
about parking and access to the campus.

Court overturns Oracle v. Google

A US federal court has overturned the jury's decision in favour of Google from 2016.

The Federal Circuit has made a very controversial decision on the divided issue of "fair use".

Google's use of Java shortcuts to develop Android went too far and was a violation of Oracle's copyrights, the U.S. Court of Appeals for the Federal Circuit ruled Tuesday. The case – first filed in 2010 – was remanded to a federal court in California to determine how much the Alphabet Inc. unit should pay. Oracle had been seeking \$8.8 billion, though that number could grow. Google expressed disappointment and said it's considering its next steps in the case.



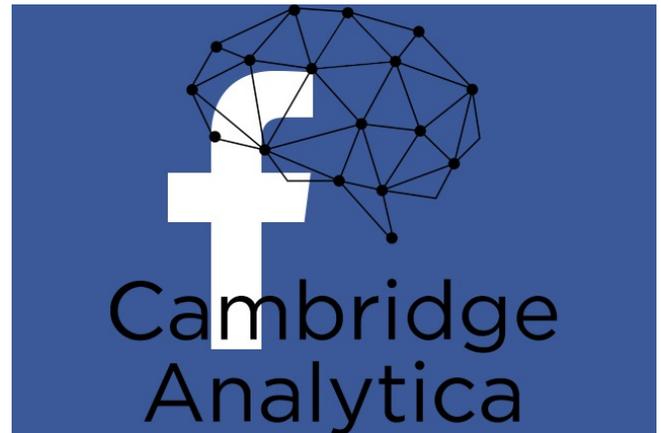
Kali Linux Comes to Windows

It still seems unreal, but yes, you can install **Linux distributions** from the Microsoft Store on Windows 10. This remains shocking for many people, as Microsoft was a longtime enemy of both open source and Linux. Of course, that is no longer true, as the Windows-maker embraces both nowadays.

Kali Linux, a penetration testing distro that you may have seen in Mr. Robot, is now available in Windows Store. The Kali Linux team has been working with the Microsoft WSL team to bring the distro to the platform that still dominates the PC landscape. By doing so, Kali has brought some of the best penetration testing tools to the biggest PC user-base.

At the end of last year, Microsoft took WSL out of beta, making it available for every Windows 10 user for the latest Fall Creators Update. Users can simply go to Windows Store and install their preferred Linux distro just like any other app. Initially only **Ubuntu**, **openSUSE Leap** and **SUSE Linux Enterprise** were available, but the WSL team is working with different distros to bring them to the store.

Running Linux distros under WSL has its own shortcomings. Your system is as secure as is Windows 10. However, the Kali Linux team sees some great possibilities too, “While running Kali on Windows has a few drawbacks to running it natively (such as the lack of raw socket support), it does bring in some very interesting possibilities, such as extending your security toolkit to include a whole bunch of command line tools that are present in Kali.”



Facebook suspends Cambridge Analytica for harvesting private information of 50 million users

Facebook has suffered what has been described as the social networks “biggest ever data breach” after Cambridge Analytica and its parent group Strategic Communication Laboratories (SCL) harvested data from more than 50 million users.

Cambridge Analytica got the data by paying a psychology professor, Aleksandr Kogan, who created an app called *thisisyourdigitallife* which was presented as “a research app used by psychologists” and promised to give a personality prediction. The app gathered information from users (around 50 million users), and the users’ friends, and this was fine. What was not fine was the fact that Kogan then passed this data on to third parties, including SCL/Cambridge Analytica and Christopher Wylie of Eunoia Technologies. (Wylie later turned whistle-blower.)

Zuckerberg says that when Facebook learned about this transfer in 2015, it got Kogan and Cambridge to certify that they had deleted the data. But media reports this weekend suggested that Cambridge had lied and retained the data throughout the 2016 presidential campaign.

This whole thing should make everyone think twice about how – and if – they should keep using social media. It’s actually remarkably easy to extrapolate a whole lot about you from simple things like the times you’re online, or which sites with Facebook social trackers you visit, and so on.



LG's webOS will be open source

Pretty big news out of LG – they're releasing their variant of **webOS** – the TV and smartwatch one – as **open source**.

LG wants to take webOS beyond TVs with 'Open Source Edition'. (It's not to be confused with another open-source version of webOS, Open-WebOS, which became LuneOS for mobile devices in 2014.) WebOS used to power HP's long-dead Palm devices and early tablets, but since LG got a hold of it in 2013, it's mostly been associated with smart TVs and refrigerators.

“webOS is a web-centric and usability-focused software platform for smart devices. The operating system has constantly evolved, passing through its journey from Palm to HP, and most recently to LG Electronics. Now, we are releasing webOS as an open source project, named webOS Open Source Edition (OSE).”

This marks the second time webOS has been released as open source. It's released under the Apache License, version 2, and there's instructions for getting it to run on a Raspberry Pi 3.

“We are a truly open project. You will see us working in the open like any community member, so you can see what we're doing in real time. We operate using typical open practices: the Project uses the Apache 2.0 license, is hosted on GitHub, and accepts contributions via a Contributor License Agreement (CLA) approach. As the community grows and individuals and organizations emerge who make significant contributions, it is our intention to invite them into the governance of the Project.”

Distribution Releases:



GParted Live 0.31.0-1:

GParted

Curtis Gedak has announced the release of GParted Live 0.31.0-1, a new stable version of the project's live disc with a collection of tools for managing disk partitions and rescuing files.



zentyal

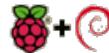
Zentyal Server 5.1:

Zentyal Server is an Ubuntu-based distribution developed with the intention of making setting up a server and network services easy. The developers have published Zentyal Server 5.1 which is based on Ubuntu's 16.04 LTS release and offers improved hardware support.



NetBSD 7.1.2:

Soren Jacobsen has announced the release of NetBSD 7.1.2. NetBSD is a lightweight operating system specifically designed to run on a large range of hardware and processor platforms. Version 7.1.2 is a security and bug-fix upgrade.



Raspbian

Raspbian 2018-03-13

Simon Long has announced the release of an updated build of Raspbian, a Debian-based distribution for the Raspberry Pi single-board computers. This new version improves compatibility with large monitors and provides a way to set a default screen option depending on the size of the monitor.



LibreELEC

LibreELEC 8.2.4

LibreELEC is a minimal operating system designed to run the Kodi media centre. LibreELEC runs on desktop computers, laptops and ARM-powered devices such as Raspberry Pi computers.



Install Firefox in a Snap on Linux

Mozilla has officially picked Snap to offer Firefox browser for Linux. According to Canonical, by launching as a snap, the Firefox Quantum browser is available to an increased amount of Linux users with the snap working natively on Ubuntu, Arch, Linux Mint, Fedora, Solus, Debian and other Linux distributions that support snaps.

If you want to grab a snap of Firefox, visit this link: <https://snapcraft.io/store>

Watch MUUG Online



Missed a meeting, or want to follow along with a demo at home? Video recordings of the Daemon-Dash and presentations are now available on the MUUG website and on our YouTube channel.

<https://muug.ca/meetings/video>

https://www.youtube.com/channel/UCOhD-mKEXk9oUJActy_u4cUA

MUUG has gone social!



Twitter:
twitter.com/manitobaunix



Facebook:
facebook.com/ManitobaUnix



MeetUp:
meetup.com/Manitoba-UNIX-User-Group



A big thanks to Les.net for providing MUUG with free hosting and all that bandwidth! Les.net (1996) Inc., a local provider of VoIP, Internet and Data Centre services, has offered to provide a 10% discount on recurring monthly services to MUUG members. Contact sales@les.net by email, or +1 (204) 944-0009 by phone, for details.

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The latest meeting details are always at:
<https://www.muug.mb.ca/meetings>



Help us promote this month's meeting, by putting this poster up on your workplace bulletin board or other suitable public message board:

<https://muug.ca/meetings/MUUGmeeting.pdf>