MUUGLines

The Manitoba UNIX User Group Newsletter

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Next Meeting: February 10th, 2015

SaltStack for SysAdmins

Theo Baschak will be presenting how to use SaltStack to make your life easier, whether you administer a few hobby servers or an entire fleet of corporate systems. Enfore good SysAdmin (planning/testing/backup) skills by publishing templated configs! Run security updates on all your systems at once. Run pre-defined distributed Nagios host/service checks via the new Nagios module!

For those that haven't heard of SaltStack before, it is a configuration management system that enforces state. It is usually compared with Puppet and Chef, and has been gaining popularity over the last few years.

Where to Find the Meeting

Manitoba Hall – Room 1M28!

Just like last month, we will be in Manitoba Hall on the main floor, close to Lockhart Hall, near Balmoral Street. We're just down from our usual location

Parking is available on the surrounding streets. Please see http://www.uwinnipeg.ca/maps for further information about parking and access to the campus.

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YouTube <3 HTML5

Starting in late January, YouTube has started to default to HTML5 for video delivery.

While still falling back to Flash in browsers that do not support the H.264 or WebM formats, all videos are now shown using HTML5 natively.

Previously the site had enabled the delivery option by appending /html5 to the URL. They enabled this experimental feature back in 2010 when the standard was still emerging.

https://www.youtube.com/html5?gl=CA

http://techcrunch.com/2015/01/27/youtube-goes-html5-flash-is-now-deader/

No Wi-Fi Jamming: FCC

The Federal Communications Commission issued an “Enforcement Advisory” stating that blocking W-Fi in hotels is unequivocally “prohibited."

This was in response to a request for ruling from the Marriott Hotel chain. Earlier in 2014 the hotel chain was fined $600 000 for purposely causing interference with guests Wi-Fi Access Points.

The hotel chain claims that clamping down on unauthorized wireless APs is a necessary security measure.

The position of the FCC is nicely summed up in the blunt statement “Persons or business causing intentional interference to Wi-Fi hotspots are subject to enforcement action”.

http://arstechnica.com/tech-policy/2015/01/fcc-blocking-wi-fi-in-ho-tels-is-prohibited/

http://www.fcc.gov/document/marriott-pay-600k-resolve-wifi-blocking-investigation

MUUG Mugs

Going, going, gone!

MUUG now only has 14 of our new coffee mugs left!

Cobalt blue and deep laser-etched with our age old, lovable logo for only $15. They are quality mugs, made in the USA, and have a fairly large volume capacity.

Want a mug but can’t make meetings? Ask on the mailing list and more than likely a board member can deliver one to you within Winnipeg.

Share Your Thoughts

Please email MUUG with your comments and suggestions regarding the newsletter and the meetings. Whether it’s criticisms or commendations, we want to hear from you. Specifically, what sort of material would you like to see and or hear/about.

Also, if you have a How-To or any other idea (and aren’t ready to give a presentation at MUUG), an article is a great alternative! If you can write better than the editor(s), that’s terrific; if you can’t, submit it anyway and we’ll get it into shape for publication. We know that many of you have some great ideas and lots of knowledge. Why not share?

Send an email to: editor@muug.mb.ca.

Spread The Word!

Do you have a friend or co-worker that has shown an interest in Unix, Linux, BSD, etc?

Bring them along to a meeting or at least tell them about us. The more the merrier!

CVE-2015-0235 (GlibC Vuln)

Codenamed “GHOST”, this vulnerability was publicly disclosed earlier than intended on a French Mailing List, before providers and distributions had been contacted to prepare a security update.

The vulnerability itself is a buffer overflow, found in gethostbyname() and gethostbyname2() in the GlibC library.

Because these functions are used in many projects and can be remotely triggered the severity has been set at “critical”.

The vulnerability is exploited by passing an invalid hostname into the system and asking it to resolve DNS.

The following command lists services and binaries that are using glibc;

```
lsof +c 15 | grep libc- | awk '{print
$1}' | sort -u
```

https://access.redhat.com/articles/1332213

http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2015-0235

https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2015-0235

The Pirate Bay: Back Online

After two months of being offline after Swedish officials raided their servers, the site is back online at the old .se domain.

This outage was the longest in the sites history, and the first major one in recent memory.

http://time.com/3691231/pirate-bay/

MintBox 2

The MintBox 2 is now available for purchase!

Coming in at the ~$600 mark, this little device is about the size of a cable modem, and %10 of the price is donated back to the Linux Mint project.

With 4 USB ports (mix of both version 2 and version 3), eSATA, HDMI + DisplayPort, GigEthernet and a bay for a 2.5” SATA HD, this little box is all you need for a workstation or an in home theatre system.

http://www.linuxmint.com/store_mintbox.php

Innovation Alley

Earlier in January part of Adelaide street was renamed to Innovation Alley.

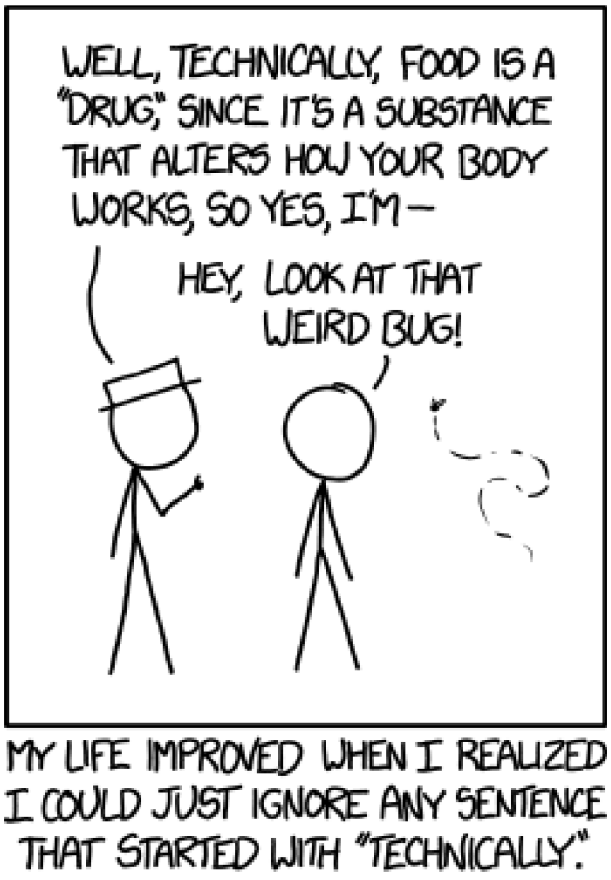
The name change coincided with the documentary premier of the same name.

"*Innovation Alley, the documentary, profiles the grassroots and entrepreneur led movement in Winnipeg accelerating innovators starting and growing businesses. Dirty T Shirt Productions follows the community over the course of a year as they struggle to grow both their business as well as the community.*"

http://www.innovationalley.com/

Technically

Friendly reminder that while being specific in communication can be a good thing, technically it is just a tool.



As seen on http://xkcd.com/1475/

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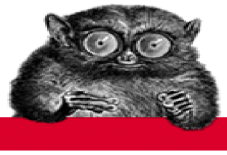

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No Starch Press has established a discount for user group members. It's valid for 30% off everything they publish, and it doesn't expire. Use "**MUUG**" as the discount code when ordering from their website.
http://www.nostarch.com/