

MUUGLines

The Manitoba UNIX User Group Newsletter

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Editor: Tyhr Trubiak

Next Meeting: October 8, 2019 7:30pm

Presentation: E-mail Domain Rewriting

By Adam Thompson

Adam will discuss a UNIX-based solution to a Microsoft Office 365 email problem, allowing the arbitrary replacement of the sending domain, in a way that preserves legitimate DKIM, SPF, etc. anti-spam features.

Roundtable moderator: Gilbert Detillieux

Crontab

#plan to end the official meeting earlier than previous meetings for broader accommodation

7:30pm: Meeting begins

Announcements/Roundtable – ask questions!

7:45pm: 10 min break

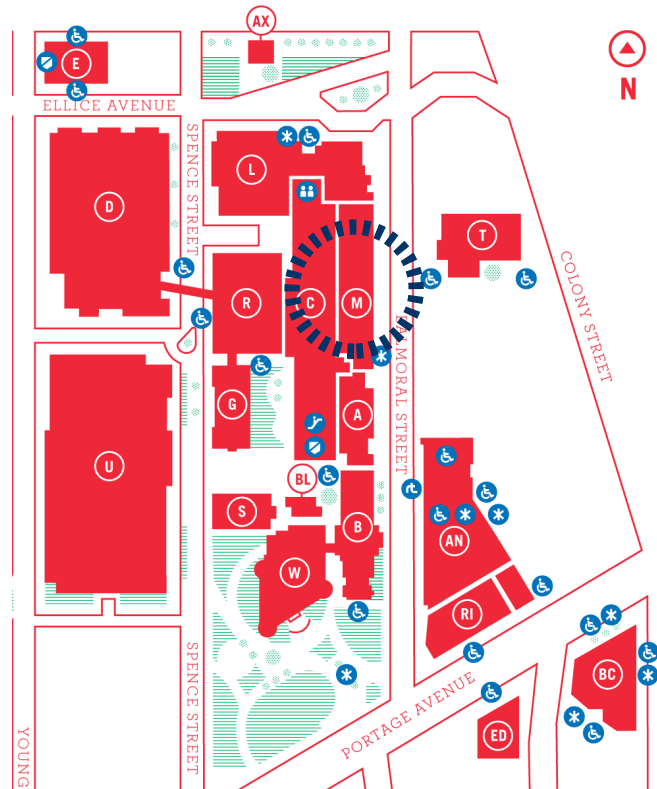
7:55pm: presentation – Adam Thompson

9:00pm: end of presentation, with 30min grace

Door prize, questions and socialization

10:00pm: Room must be empty (*sigkill*)

Where to Find the Meeting: 1M28 Manitoba Hall, U of W



Meetings are held in the University of Winnipeg’s Manitoba Hall (marked “M” on the map), along Balmoral St. We can normally be found in room 1M28, but occasionally get relocated to nearby rooms. If there is a change, it should be conveyed via a couple signs around the halls. Parking is available on the surrounding streets, or the bus terminal parkade.

Please see <http://www.uwinnipeg.ca/maps> for further information about parking and access to the campus.



MUUG Meeting Format Shuffle

In our continuing quest to delight MUUG members and guests, we will be testing another new variant on the meeting format this month.

1. Moderated round-table discussion (15 minutes): for member questions and comments; we ask that each topic be limited to a few minutes, and that followup/expanded discussions take place in step 5.
2. A short (10 minute) break
3. Presentation(s) (45-60 minutes).
4. Door Prize Draw.
5. Pop, munchies, and mingling (until 9:30ish); great time to followup and expand on your discussions from the round-table, or talk with the presenter or a board member, in smaller groups; or just mill around to socialize.

MUUG Board Elections

Call for Nominations

Adam Thompson, Nomination Committee Chair

Calling all nominations! This is the preliminary call for nominees to participate in this year's MUUG Board election. Those elected will serve on the MUUG board from November 2019 to November 2020. Any MUUG member in good standing may nominate someone they feel would make a good candidate, including themselves.

The MUUG Board is tasked with coordinating the meetings and other events hosted by the group. It's fun, and you get a role in deciding what the group will do. All members are encouraged to apply.

Every November, the group holds its annual general meeting, the main goals of the meeting are to elect the new board, and to pass any special resolutions if required. The Board may consist of up to 10 people. The following 8 members are allowing their names to stand for re-election, along with new nominee Troy Denton:

Wyatt Zacharias

MUUG President

Linux/Network Administrator – Pricerazzi

Trevor Cordes

MUUG Vice-president

Owner – Tecnopolis Enterprises

Gilbert Detillieux

MUUG Secretary

Systems Analyst – University of Manitoba

Brad Vokey

MUUG Treasurer

Owner – Fortress Software

Kevin McGregor

Systems Specialist – City of Winnipeg

Katherine Scrupa

LAN Administrator – Steinbach Credit Union

Adam Thompson

Proprietor – CustomHosting.ca

Tyhr Trubiak

Systems Administrator – AFNCloud

New nominee:

Troy Denton, P.Eng

Senior Telecom Engineer – 24-7 Intouch

Oracle Announces Autonomous Linux

The world's first autonomous operating system. Oracle Autonomous Linux provisions itself, scales itself, tunes itself and patches itself while running, requiring no human supervision to run.

The operating system was unveiled this week by Larry Ellison, Oracle co-founder and chief technology officer, at the firm's OpenWorld confer-

ence in San Francisco, and is - according to the company -the world's first autonomous operating system capable of tuning and patching itself while running.

Ellison said the new operating system will help customers achieve extreme performance, high reliability and security.

“One simple rule to prevent data theft: Put your data in an autonomous system,” Ellison said in his keynote speech. “If you eliminate human error in autonomous systems, you eliminate data theft.”

Since Autonomous Linux doesn't need human interaction or supervision, it will help in improving security, productivity, and downtime, Ellison claimed.



Oracle Autonomous Linux can patch itself while the system is running, thus eliminating the need to shut down the system

in order to patch it. That helps in cutting the downtime and eliminating some of the friction between developers and IT, according to the company.

Any Red Hat application will run unchanged on Oracle Autonomous Linux, Ellison promised.

Ellison also promised a “literally instantaneous migration.” The OS is free for Oracle Cloud Infrastructure customers. “If you're paying IBM, you can stop,” Ellison said.

Oracle also introduced Oracle OS Management Service, a highly available Oracle Cloud Infrastructure component to monitor and control systems, whether they run Autonomous Linux, Linux or Windows. Combined with resource governance policies, the service enables users to automate capabilities to execute common management tasks for Linux systems.

Both Oracle Autonomous Linux and Oracle OS Management Service leverage advanced machine learning. The new OS offers automatic security updates daily to the Linux kernel and key user space libraries, with no downtime. Known Exploit Detection provides automated alerts if any-

one attempts to exploit a vulnerability that has been patched by Oracle.

Pine64 Teases \$25 (USD) Linux Smartwatch “Pine64”



The Pine64 community has invited developers with an interest in smartwatches to join in its efforts to bring the product to market.

Pine64, founded in October 2015, is based in California. The company makes inexpensive Linux-based single board ARM computers that cost \$15 to \$20. It also makes an \$89 Linux laptop called “Pinebook,” which runs on the Pine A64 board. A few Linux distributions, including KDE Neon, run on Pine A64.

Pine64 plans to release PineTab as a 10-inch linux tablet before the end of the year, and will be shipping their Pinebook Pro Laptop next month in hopes of competing with Chromebooks.

CentOS 7.7 Officially Released

The CentOS Project has announced the release and general availability of the CentOS Linux 7.7 operating system, an incremental update to the CentOS 7.x series, based on Red Hat Enterprise Linux.

Red Hat Creates CentOS Stream

Red Hat announced a new project called CentOS Stream that will serve as an upstream project for Red Hat Enterprise Linux to establish a better relationship between RHEL, Fedora and CentOS. According to Red Hat CTO, “The CentOS Stream project sits between the Fedora Project and RHEL in the RHEL Development process, providing a “rolling preview” of future RHEL kernels and features. This enables developers to stay one

or two steps ahead of what's coming in RHEL, which was not previously possible with traditional CentOS releases.”

A rolling release is one in which all of the operating system -- kernel, libraries utilities and applications -- is continuously updated.

Don't forget our Draw for Door Prizes!

A whole selection of ebooks on a wide range of topics are always available.

Often a selection of hardcover books make a surprise appearance, the occasional technology related toy, or computer related stickers for those that have read everything!

MUUG Vice-President Trevor Cordes will be available during break to ensure your name is entered into the draw – simple as that!

Call For Presenters

Do you have something you think would make a good presentation and would like to present it? Or maybe you know someone in the industry who would has something new to discuss? Did you know MUUG welcomes presenters from inside and outside our membership? The only limitation is the topic has to be UNIX (any *NIX!) related. Often times just being open source (FLOSS) is good enough.

If you have an idea for one, simply mention it to any board member at the meeting (they are all wearing nametags), or email it to board@muug.ca and we'll get back to you!

And here's a big thank-you to all the members who have presented in the past! Thanks!

MUUG has gone social!



Twitter:
twitter.com/manitobaunix



Facebook:
facebook.com/ManitobaUnix



Meetup
meetup.com/Manitoba-UNIX-User-Group



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>

Sponsors



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<https://les.net/>

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