



Universal Serial Bus - Update

Universal Serial Bus or USB, continues to evolve. Unfortunately the standard can be confusing for reasons many of us don't understand. If you haven't heard, the latest USB standard is USB 3.2. Which replaces, and encompasses USB 3.0 as well as USB 3.1.

USB 3.2 is now split into three "Gen" levels. Gen 1 is the same USB 3.x as before which can run up to 5Gbps (Gigabits per second). Gen 2 is the same as USB 3.1 Gen 2, which can run up to 10Gbps. Gen 2x2 is the newcomer to the USB 3.2 world (notice it's not Gen 3), which can handle **dual** 10Gbps connections if I understand this new standard correctly.

Don't worry, USB 4 is in the works and may be released by the end of 2019.

Intel processors – more vulnerabilities found

Spectre/Meltdown vulnerabilities have largely been patched, but wait, there's more...

Intel has a few more vulnerabilities with their processors, so make sure you apply the latest patches from Microsoft, Red-Hat (and other linux flavors), and Apple when they come out!

My concern in the near term, is what info can be snooped on all of those shared computers in the cloud in the mean time?

At the time of this writing, it wasn't yet known if the AMD processors suffer from these same vulnerabilities.

Red Hat Enterprise Linux - version 8 released

The latest version of the Red Hat flavor of linux was released May 7th. This version took months longer than prior versions to be released. Hopefully it was worth the wait.

SAVE THE DATE:
Club Picnic (and Auction?)
Saturday August 17, 2019
from 1pm – 5pm
at the Lake Manawa Shelter #6.



Presidents Corner

Thank you everyone for taking the time to read this month's newsletter. I also hope to see you at the meeting on May 21st.

Demo will be on a few things like RFID, fiber optics cabling, and maybe show how to update a router's firmware.

Apple Barrel (at Sapp Bros.)
2608 S. 24th St.
Council Bluffs, Iowa
MEETING BEGINS: 7 PM

Minutes of April 16, 2019 Meeting

Meeting called to order at 7:00 P.M. at Apple Barrel Restaurant in Council Bluffs, IA with 12 members present.

First Drawing

The \$10 drawing was won by Mark Cavallaro.

Minutes and Treasury Report

Minutes of the March 2019 meeting were read. The minutes were approved as read. Treasurers Report was read and approved by those present at the meeting.

Old Business

The family picnic for the summer of 2019 will be Saturday August 17, 2019 from 1pm – 5pm at the Lake Manawa Shelter #6. Reminder, the \$100 50/50 split raffle has started and we currently have 12 tickets left.

New Business

The loss of a dear member was announced: Lynn Fehr passed away Saturday April 13, 2019.

We all appreciate the time we had with Lynn and all the work he did for the club. He will be missed!!!

David talked about a Microsoft update that made his Samsung laptop hang during boot and after wiping and reloading the machine, that same patch was applied and caused the same issue again! So now he's running Ubuntu Linux on it. We discussed some ideas for future demonstrations including RFID, fiber optics, using cheap micro-controllers as programmable buttons and even doorbell-to-text applications and more.

Demo

Jeff Worley gave the demo on – part 2 - on the SNES classic – a miniature version of the original with built-in games with a modern HDMI video connection. Fun demo Jeff, thanks.

Stick-Around Drawing

The stick around drawing was won by Joe Cavallaro.

Adjourned

With no further business the meeting was adjourned at 8:36 PM.

Minutes recorded by Bruce 04/16/2019

M.A.P.C.C.

Established 1982

The Metro Area Personal Computer Club Newsletter is published monthly and posted on the club website: <http://www.mapcc.com>

Meetings:

3rd Tuesday of the month at 7 p.m.

Apple Barrel (party room)

2608 S. 24th St.

Council Bluffs, IA 51501

Elected Officers:

President: David Ladd

Vice President: Kevin Holloway

Secretary: Bruce

Treasurer: Kevin Holloway

Appointed Officers:

Newsletter Editor: Bruce

Annual Membership Dues:

Individual: \$15.00 Family: \$20.00

Club Motto:

“Pass It On”

Contact: (531) 600-8847