



THE COMPUTER CONNECTION

SAUK COMPUTER USER GROUP

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JULY 14, 2018 MINUTES: SCUG CLUB MEETING

President Art Benedick opened the meeting and welcomed everyone.

The question and answer portion of our meeting included many interesting subjects. Such as: A way to increase the speed of downloads and uploads by an putting of treated empty water bottles on your router. Look for this on Youtube. Another was how to get rid of a second unwanted page on your documents when printing.. If you have questions, come our next meeting on September 8th at 1 p.m. to get the answers to your problems.

The minutes of the meeting were approved as published in the newsletter, and Joe Fornero gave a treasurer report and this was also approved.

Old business was covered in a timely manner. It was reported that everyone enjoyed our annual July picnic, with food provided by Pizza Ranch. Terry reported on improvements in the computer lab. Details are located in last month's board meeting.

However, we did vote to spend up to \$400 for this project. We were reminded that we now have a printer to use at our meeting for material we need, thanks to Terry.

New business began with Terry telling us about a Wall of Honor planned by the senior center. This will include pictures of Vietnam Vets or anyone with military service, at any time, being display

on a wall. Contact the center for more information.

Angie, long-time member and Günther, were back in town for a visit. They now live in Milwaukee and are doing pretty well.

On a sad note Bill Simane's sister has passed away. We wish to express our sympathy to him and his family.

Program for our meeting was "Effective Use of Email and its Security." John Miller was the presenter, and did his usual wonderful job. Some of his pointer included: Beware of Phishing scams by those using fake addresses and he said not to click on links that you are not sure are genuine. Use good passwords and keep them to yourself. He suggested not putting them on a sticky note on your computer screen. Set and protect secret answers, have an alternate email account and 2-factor authorization (password and secret answer). He presented many good ideas and we thank him for his efforts.

The next board will meet at Wendy's on Wednesday August 15 at the usual 6 p.m. time. Again the next general meeting will be September 8th at 1 p.m. Come and bring a friend!

Drawing was held for prizes and the business meeting adjourned.

*Respectfully submitted by
Gloria Schneider for
Darla Stigall,*

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**BOARD MEETING MINUTES FOR
AUGUST 15, 2018**

Drawing for Sept.

The Board of Directors of Sauk Computer Users Group met at Wendy's in Sterling on August 15, 2018.

President Art Bendick opened the meeting at 6 p.m. Those present were Neal Shipley, Joe Fornero, Joe Schmitt, Gloria and George Schneider, Terry and Glenda MacLennan and Jim Malone.

A short report on the state of the treasury was given by Joe Fornero.

Terry suggested that he still need help with the design and installation of the upgrade in the computer lab. After much discussion, George Schneider said the he and Ken will look into the matter and come up with a solution for this problem. This will have to be started after he returns from vacation.

Future programs for our meetings include, September's program will

be presented by Howard Paysen on our website, "What's under the Hood" Terry will have video on SD cards and some other interesting items in October. We will also fill Christmas Boxes for the Operation Christmas Child project in October.

November is also being presented by Terry and he will have presentation on Powerpoint. This will bring us to December, featuring Santa Joe and our Christmas Buffet. Hope to see you at all of these events. Don't forget that we always enjoy having guests at our meetings.

Motion and agreement for adjournment at about 6:40 p.m.

Respectfully submitted by,
Darla Stigall club secretary

The regular Sept. drawing will include an Amazon Fire, a choice of 2 different \$25 gift certificates and a 256gb flash drive.

Humor

FINALLY, You can retire to Florida where...

1. You eat dinner at 3:15 in the afternoon
2. All purchases include a coupon of some kind - even houses and cars.
3. Everyone can recommend an excellent cardiologist, dermatologist, proctologist, podiatrist, or orthopedist.
4. Road construction never ends anywhere in the state.
5. Cars in front of you often appear to be driven by headless people.

Security Tips for May

By David Shulmann

Are the headlines, describing one security breach upon another, causing you to pay attention? As a result, this column has been added to the newsletter.

I CONTINUE to be flabbergasted and upset by the news each month.

Where to begin? Saks Fifth Avenue? Lord and Taylor? Delta? Sears? Panera? Facebook?

I'm "thrilled" by the wonderful competence of all those "private sector" companies who are busy telling all their friends in the entertainment world (you know the channel) how competent they are and how poorly behaved the public sector is.

ONE—Passwords. Use individual ones everywhere. Too much trouble, you say? Your biographical data is collected by each account you create, and the aggregate of this data is VERY powerful. USE A PASSWORD MANAGEMENT PROGRAM. It creates unique, complicated passwords for each place that needs one. The entire thing is kept under ONE password that you need to remember. All the rest is facilitated by the software.

TWO—Lie everywhere. Yes, you read that right. DO NOT give

away your mother's maiden name, your birthday, license number, first public school, childhood address, best friend, your Social Security number, etc.

Give away NOTHING. Why should you? Either make up the same answers everywhere or annotate unique ones in your password manager. If you make it up and use it everywhere, you are back in the same trap.

THREE—Blind your webcam. You do not want someone to look around your house, at you, and invade your computer as well because once they can see your keyboard...

FOUR—Think seriously about those devices that you can talk to. THEY LISTEN ALL THE TIME. You know how much more convenient it was when TV channel changing was done with remote control (instead of using one of your kids)? Don't assume that Alexa or Siri or Echo are as benign as the remote control! At the very least, tremendous data is being gathered. You forget that you are being listened to. You say things that you might NEVER say if there was a houseguest. Passwords, birthdates, account numbers, etc., are ALL on the table (or in someone's ear).

FIVE—Don't stay signed in to your accounts or your computer. No good can come from that and you save merely seconds. A

stolen laptop or computer is an open door TO YOUR IDENTITY. So is a computer that is logged in because you had to use the bathroom when you are not alone—even at home.

SIX—Check your logon records. On Facebook, see the activity logs; on Twitter you can access analytics.twitter.com

SEVEN—App permissions. Check on your Android or iPhone to see which apps have permissions. Do they need the permissions? All the time?

LASTLY—UPDATE YOUR STUFF. Why do you think the folks who work there get paid to do this? It's because the company's rear end is on the line, that's why! So is yours if you can't find the time.

OBTW—DON'T FORGET TO PERFORM BACKUPS. Automating them is better.

*By David Shulman, WPCUG
Weekly Update editor, intergroup
liaison, and a co-organizer of the
WPCUG Meetup page.
May 2018 issue,
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Email Spoofing

By Leo A. Notenboom

"From" spoofing is how spammers send email that looks like it comes from you that you had nothing at all to do with. I'll look at how it's done.

//

OK, I know that spammers can send email spoofing the "From:" address to make it look like it came from me. But how? How do they gain access to my account to do that?

They don't.

"From" spoofing means faking the "From:" address on an email to make it look like it came from you, and to do it, spammers don't need access to your account at all.

In fact, I'd say that 99.99% of the time it has *nothing at all to do with your account*, and your account is quite safe. They only need your email address.

While your email *account* and your email *address* are related, they are not necessarily the same thing.

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Accounts versus Addresses

Let me say that again: your email *address* is one thing, and your email *account* is another.

- Your **email account** is what you use to log in and gain access to the email you've received. In most cases, it's also what you use to log in in order to be able to send email.
- Your **email address** is the information that allows the email system to route messages to your inbox.

The two are related only to the extent that email routed to

you using your email *address* is placed into the inbox accessed by your email *account*.

I have a more detailed article discussing the relationship here: [What's the Difference Between an Email Domain, an Email Account, and an Email Address?](#)

To see how spammers get away with what they do, we start with a look at sending email.

Addresses, accounts and sending email

Let's take a quick look at how you create an account in an email program like Microsoft Office's Outlook.



When you add a new mail account, you provide three key pieces of information.

- "Your Name:" Called the "display name", this is used as the name that will be displayed on the "From:" line in emails you send. Normally you would want this to be your

own name, but in reality, it can be whatever you like.

- "Email address:" This is used as the email address that will be displayed on the "From:" line in emails you send. Normally, you would want this to be your email address, but in reality, *it can be whatever you like*.

"User Name:" Along with the password, this identifies you to the mail service, grants you access to your mail box for incoming mail, and authorizes you to send email.

"From" Spoofing

To send email appearing to be from someone else, all you need to do is create an email

account in your favorite email program, and use your own email *account* information while specifying someone else's email *address*.

And that – or its equivalent – is exactly what spammers do.

Where'd they get my email address?

So you might be asking yourself if they didn't compromise your account, where did they get your email address?

Everywhere spammers get email addresses. Public postings, emails forwarded by

friends without removing your email address, less-than-reputable companies, some kinds of bulletin board postings and more.

Basically spammers get your email address from wherever they can. They just don't need your account to do it.

Caveats

Before you try spoofing email from Santa Claus yourself, there are a few catches:

- **Your email program might not support it.** For example, most web email services don't have a way to specify a different email address to send from, or if they do, they first require you to confirm you can access email sent to that address. However, sometimes you can connect to those same services using a desktop email program, like Microsoft Office Outlook as I've shown above, and configure it to do so.

Your email service might not support it. Some ISPs check the "From:" address on outgoing email to make sure it hasn't been spoofed. Unfortunately, with the proliferation of custom domains, this approach is falling out of favor. For example, I might want to use the email *account* I have with my [ISP](#) to send email "From:" my [askleo.com](#) email *address*. The ISP has no way to know whether that's a legitimate thing, or whether I'm a spammer spoofing that "From:" line.

- **It's probably not anonymous.** Yes, you can set

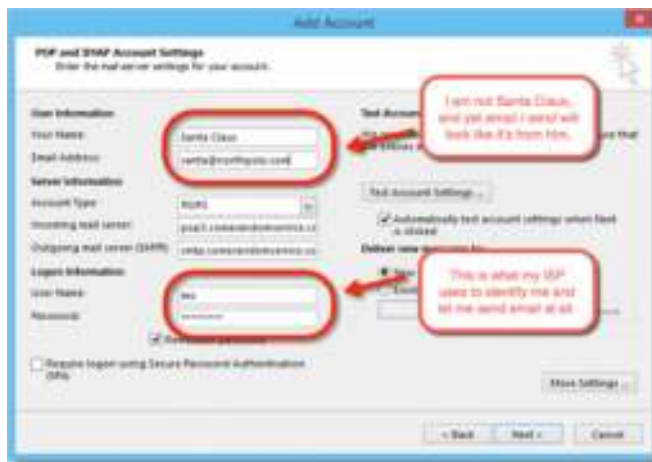
the "From:" field to whatever you like, but you should be aware that other email headers (which you don't normally see) may still identify the *account* you used to log in when you sent the email. Even if it's not in the actual email headers, your ISP may well have logs that indicate which account sent the email.

It might be illegal. Depending on who you try to impersonate, your intent and the laws in your jurisdiction, it's very possible that misrepresenting yourself in email could run afoul of the law. Spammers don't care, and bypass all that. They use so-called "botnets" or "zombies", which act more like full-fledged mail servers than mail *clients* (Microsoft Office Outlook, Thunderbird, and so on). They completely bypass the need to log in by attempting to deliver email directly to the recipient's email server. It's pretty close to being anonymous, as the [spam](#) is exceedingly difficult to trace back to its origin.

The "From" spoofing take-away

There's nothing special about the "From:" address. It's just another field which, like the "To:" field, can be set to any value you like. By convention – and sometimes automatically – we set it to our own email address when we send mail, so that we get any responses. But there's nothing that says it has to be that way. And often there's nothing that forces it to be that way. Similarly, since it's just a setting on outgoing email, seeing a particular "From:" address doesn't imply any relationship to the actual account that would receive email that is sent to that address. Spammers don't need access to the account to make it appear in a "From:" line – all they need to do is effectively to type it in the "From:" line. Nothing more.

That spam didn't really come "From:" that address at all.



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Gmail has a new interface

By Matt Batt



Gmail is now the most popular email service with over 1 billion users. Google has recently released a new modern on-line interface for Gmail usage. Users can switch to the new Gmail interface via the gear icon on the top right corner of the old interface. Matt brought it up to review what it looked like and found himself using it more than the Microsoft Outlook program he usually uses for email.

It has new security features, a convenient design and lots of new capabilities.

In the security area, Google claims it has improved security against scams and malware and can prevent more than 99.9% from reaching your inbox. You can set expiration dates for emails by sending a link to a message that won't work after a certain amount of time. You can prohibit the

copying, forwarding and printing of your emails.

The new design provides quicker access to email related functions. If you hover over any email in your inbox, you'll see icons that let you Archive, Delete, Mark as Read or Snooze the email so that it is hidden from the inbox until you are ready to reply to it.

When you have an email open, icons for functions such as Archive, Report as Spam, Delete, Print and Mover are conveniently placed by the top of the display. Reply, Reply All and Forward are at the bottom of the email. Attachments will also display as small and easily accessible tiles below the email.

There is a new feature called "smart replies," which allow users to choose from suggested responses to an email. Gmail is analyzing your incoming email and framing an answer you can

use as a short answer with just a click. You can set reminders to respond to certain emails. Matt uses Google Tasks as a To Do List and Google Calendar as his electronic calendar. He is especially impressed by new side panel in the Gmail interface that lets me drag an email into the Tasks Side Panel. When he drags it, it is immediately added to his Tasks List as a Task. If he puts a date on the Task when he drags it over, it is also automatically added to his Calendar. Now that is very useful and convenient integrations of email, calendar and tasks.

Be sure to give it a try! He hopes you like it as much as he does.

*Matt Batt, President, The
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June 2018 issue, The Journal of
The Computer Club
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Mission: All knowledge recorded for everyone's free use

By Mike Hancock

WITH A MISSION OF PROVIDING UNIVERSAL ACCESS to all knowledge forever, Internet Archive (www.archive.org), a San Francisco based non-profit, has archived 100,000 software titles, 2 million moving images, 3.5 million audio recordings, 5 million hours of television, 3 million e-books, and more than 327 billion web pages: a total of 40 petabytes archived.

John Gonzalez, Director of Engineering at Internet Archive, leads the building of a digital library of internet sites and other cultural artifacts in digital form and introduced his organization during the April 23 General Meeting.

Internet Archive's enormous archive, which has 2 million to 3 million visitors a day, is explored via the Wayback Machine, a search engine. Archive-It, another tool on the site, enables you to capture, manage, and search collections of digital content without any technical expertise or hosting facilities. No user I.D. or password is required for viewing, but a login is required for uploading.

The Internet Archive has only 150 staff members but runs one of the top 250 websites in the world. Reader privacy is critical, and it doesn't accept ads that track your behavior. Internet Archive doesn't even collect your IP address. It's also a member of the American Library Association.

John demonstrated access to the

e-book library, where you can borrow e-books, one at a time, many of which are very old books that have been digitized. Although some books are torn apart to archive the digitizing, a super-scanning center in Hong Kong has a machine that enables the books to be laid open at 90° while the two open pages are scanned.

There are 28 scanning centers in eight countries that scan 250,000 books each year. The e-book collection now bridges a large gap in printed books that were restricted because of copyright limitations and e-book restrictions and includes some books in foreign languages.

Also available and demonstrated to us were 78 rpm records, old-time radio, and live music, including old and modern music. Another fun archive is that of feature films that you can access and play on your computer. Old and new television programs also are archived as well as maps.

Journalists use Internet Archive's Political TV Ad Archive in their fact-checking of candidates' claims. It includes apps for iPhones and Android devices. "Facets" assist you in your detailed searches.

While browsing the archives, you can capture a web page as it appears when viewing for use as a trusted citation in the future. This Save Page Now feature is only available for sites that allow crawlers.

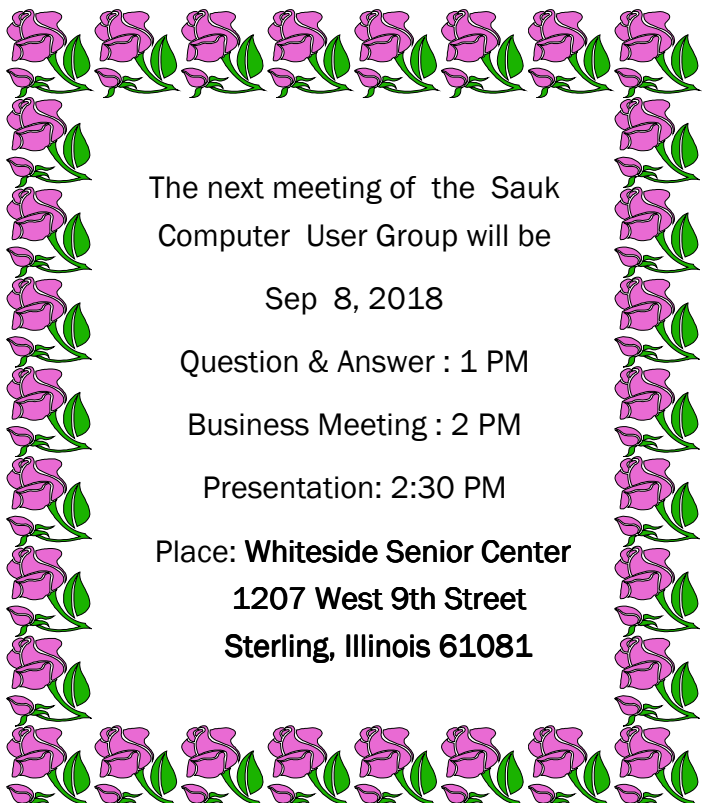
"Let's Explore" has 14 archive.org websites that can be copied/posted for a lot of interesting information. These links are fun to spend time reviewing, and include Historical Software Collection, Amateur Radio Today, MIT press, Folksanomy Library, Byte Magazine, NASA Images and Reports, 78 rpm records, and more.

The history of libraries is one of loss, so this year, Internet Archive has set a new goal: to create a copy of Internet Archive's digital collections in another country. They are building the Internet Archive of Canada because copies keep records safe.

This project will cost millions, which is why a tax-deductible donation is appreciated. About 60% of Internet Archive's income is earned from working with other institutions, such as the Library of Congress; up to 30% from donors and grants; and the balance from founder, Brewster Kahle.

*By Mike Hancock, Newsletter
Committee
May/June GGCS newsletter
www.ggcs.org
editor (at) ggcs.org*

There will be a Question & Answer Session starting at 1 PM. Bring any questions you have about your computer or problems you may be having. It will be conducted by:
Art Bendick & Neal Shipley



The next meeting of the Sauk
Computer User Group will be
Sep 8, 2018

Question & Answer : 1 PM
Business Meeting : 2 PM
Presentation: 2:30 PM

Place: **Whiteside Senior Center**
1207 West 9th Street
Sterling, Illinois 61081

**AUGUST PRESENTATION WILL BE:
EFFECTIVE OUR WEBSITE, WHAT'S UNDER THE HOOD
BY HOWARD PAYSEN**