

# — The DataBus —

Monthly Newsletter of

**The Dayton Microcomputer Association**

**Volume XI (New Series) Nº 5 (May 2021)**



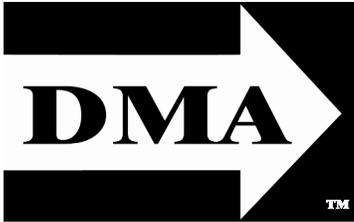
May: Frances CHAO

## Virtual Computers

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SAVE A TREE (or at least a branch) ! If you prefer to print your DATABUS rather than read it directly from a monitor, don't print page 20 unless you need to renew your membership.



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## Your 2020/21 Officers:

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*Officers need not be Trustees.*

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Chester HOWES

Ken PHELPS

Ed SKUYA

## Webmasters:

Mark CAMDEN

& Brent KERLIN

### *Webmaster Emeritus:*

Dave LUNDY, †4/13/20

ESTABLISHED IN 1976, DMA is a group of Dayton-area professionals and enthusiasts in the field of computing and digital information technology. General Membership Meetings are usually held on the last Tuesday of each month. DMA has a number of Special Interest Groups (SIGs) in areas ranging from digital investing and genealogy to the Linux operating system. Each SIG meets according to its own schedule. DMA is a member of the Association of Personal Computer Users' Groups (APCUG) and the Affiliated Societies' Council (ASC). Click on any of the logos—including our own (top left)—to go to that organization's Web site.



## Submissions ...

THE DATABUS welcomes compliments, complaints, suggestions, and especially articles. We can accept articles in ASCII, or as attachments in plain text, Microsoft Word, Open or Libre Office Writer, or, yes, even WordStar (a word-processing program that goes back to about 1980!). Send articles to:

[Editor@DMA1.org](mailto:Editor@DMA1.org)

All articles are subject to editing for spelling, grammar, usage, and space. Retain a copy of your work, as THE DATABUS cannot be responsible for loss. When articles are of roughly equal quality and importance, those by paid-up DMA members receive preference.

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THE DATABUS is written and published by volunteers. We do not give professional advice on hardware, software, or network installation, repair, security, or troubleshooting. If you need expert assistance for your digital device or network, please seek the advice or services of a qualified professional.

*May Meeting: 7:00 P.M., Tuesday, the 25<sup>th</sup>*  
**No Driving—No Parking—No Charge\***

\* This is a “hybrid” meeting: via ZOOM, but also in person. Come at 6 P.M. if you wish to join us in person for dinner at T. J. Chump’s Restaurant in Huber Heights, next door to the Meijer’s Supermarket. Click [here](#) for a map. The restaurant has free parking, and is also accessible via RTA bus routes 18 and 19, but there is a short walk from the Meijer’s parking lot to the restaurant.

## Frances CHAO: *Virtual Computers*

**If you come in person, join us at 6:00 P.M. for dinner.  
The Main Meeting starts at 7 via ZOOM.**

**F**RANCES CHAO will offer advice on choice of a Virtual Machine program for a Windows computer. There are three free virtual machine programs that you can run inside your Windows computer: VMware Workstation Player, Oracle VM VirtualBox, and Hyper-V. Each of these programs let you create and clone virtual machines which are complete software-based computers. Since they are all free, you can run all of them in your Windows computer—but usually not at the same time. The compelling reasons for picking one of the virtual machine programs are presented to you to help you pick the best one for your needs.

When you use virtual machines in free virtual machine programs, it is like getting a pile of computers to use for free with all of them residing inside your existing physical (or “host”) computer. When you run virtual machine programs, you can use fewer real computers because you can create “virtual machines” instead of keeping old computers around or buying additional new computers. One can also make a virtual machine a clone in case something happens to the original, such as a ransom virus, there will be an up-to-date copy ready for use in short time.

FRANCIS CHAO is a member of the Tucson Computer Society (TCS). He is a frequent presenter at WINNERS and the TCS when he’s in Arizona. He has given presentations at the Southwest Technology & Computer Conference, as well as several APCUG Virtual Technology Conferences. He has also given many online presentations, via the Speakers’ Bureau, to APCUG member groups.

... TDB

Nominations for the DMA BOARD OF TRUSTEES  
are now open!



**M**inutes are normally published almost two months late, because the Minutes for, say, the April Board meeting must be approved by the Trustees at the *following month's* meeting — in this case, early May. The corrected and approved April Minutes would thus appear in the May DATABUS (this issue), published toward the end of the month.

Trustees' meetings are on the *first Monday of each month*, except when that day is a legal holiday, for example, Labor Day in September. **In light of the ongoing epidemic, Trustees are holding their meetings using ZOOM.** They begin at the same time: 7:00 P.M. Request ZOOM credentials (that's a fancy way of saying "an invitation") from Vice-President PETER HESS or Secretary GLADY CAMPION at the January General Membership meeting.

## DMA Board of Trustees

### DMA Board of Trustees — Meeting of Monday, April 5, 2021

#### CALL TO ORDER

The meeting was called to order at 7:19 P.M. by Peter Hess, via Zoom.

**Trustees present:** Martin Arbagi, Gladly Campion, Edwin Davidson, Pat Flynn, Peter Hess, Ken Phelps, and Ed Skuya. **Absent:** Chester Howes. **Guests:** Mark Camden.

#### OFFICERS' REPORTS

**President** – Ken Phelps

No report

**Vice President** – Peter Hess

Mark Camden did a great job with the presentation on TED talks, especially while juggling two hotspots for a stable internet connection as well as handling the hookup to the displays at Chumps. Thanks Mark!

Mark had an AT&T hotspot at the meeting. Gladly brought a Sprint hotspot from the Greene County Library. Both hotspots dropped several times. The Sprint hotspot seemed a bit more reliable that night.

Peter talked with the manager at T.J. Chumps about updates to their Wi-Fi connection.

**Secretary** – Gladly Campion

Gladly presented Minutes for the previous board meeting. Edwin Davidson moved the Minutes be accepted as corrected. Pat Flynn seconded and the motion passed with Gladly abstaining.

**Treasurer** – Pat Flynn

Pat presented a report for the past month.

#### COMMITTEE REPORTS

**Audit** – Gladly Campion

In progress



(Continued on page 5)

#### Account Balances:

FifthThird Checking..	\$ 2,369.49
FifthThird Savings..	2,681.52
WPCU Share .....	38.70
WPCU Checking....	2,169.65
WPCU Money Mrkt..	15,057.46
Pay Pal.....	281.78
TIAA CD .....	5,438.71
Dayton Foundation ..	+ <u>98,985.73</u>
<b>Total: .....</b>	<b>\$127,023.04</b>

*(APRIL MINUTES—Continued from page 4)*

### **Fund Raising – Peter Hess**

In progress

### **Marketing – Edwin Davidson, Pat Flynn, Peter Hess, Debra McFall**

Peter posted the meeting notice on Facebook and sent out about 25 news releases. Mark posted the notice on our website. Pat posted to Meetup.

### **Membership – Gladys Champion**

At last month's General Membership meeting, we had 40 Regular, 4 Associate, 0 Student, and 5 Life members for a total of 49. Attendance was 23, including 9 who attended in person at TJ Chumps.

Jeffrey Walton picked up the JBL Go2 Bluetooth speaker. Ed Skuya won the Sony Wireless Noise-canceling headphones. Dave Schwab scored the Wenger 14" laptop sleeve. Pat Flynn won the LG 22" monitor donated by Ed Skuya. Congrats to all!

### **Net Admin Team – Ken Phelps, Gary Turner, Pat Flynn, Brent Kerlin, Mark Camden**

There was some discussion about a work-around for problems with the e-mail alias distribution lists. Mailchimp and Constant Contact were mentioned as possible tools for sending out e-mail blasts.

A suggestion was made to edit the "Values" list on the website to replace "Education" with "Lifelong Learning".

### **Programs – Peter Hess**

Thanks to Mark Camden for volunteering to do a presentation on TED and the many new programs they are sponsoring. Mark acted as both the presenter and the tech support. Thanks Mark!

April – Rick Cartwright from The Mac Group will talk about Apple moving to ARM processors.

Other suggested topics: Virtualization, Deep Fakes, Streaming video, Car hacking, Chromebooks, Bitcoin and Block chain, InitiativeQ.com, Data.ohio.gov, the Apple M1 chip, converting laptop to a Chromebook.

### **Publications – Martin Arbagi**

The March DATABUS issue was posted to the Web site.

### **UNFINISHED BUSINESS**

#### **Wright State Archives – Martin Arbagi, Gladys Champion**

Still in progress

### **Next Board Meeting**

The next Board Meeting will be 7:00 P.M. on Monday, May 3, 2021 via Zoom.

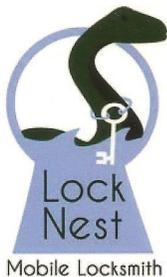
### **Dave Lundy Collection – Mark Camden**

Mark divided the donated items. Chester is holding a group of items to be brought to TJ Chumps when attendance is back to nearly normal. Gladys has items that will be offered as door prizes.

*(Continued on page 7)*

## Have a business card? Are you a DMA member?

ANY PAID-UP MEMBER of the Dayton Microcomputer Association is entitled to a *free* business card-sized advertisement in THE DATABUS. Send a good-quality image (600 dpi or better) to [Editor@DMA1.org](mailto:Editor@DMA1.org), or give your business card to **Martin Arbagi**, the Editor, at any DMA meeting. We can embed a link to your Web site (if you have one) within the image of your card. Under weird IRS regulations, your Web site may not include discount coupons for DMA members, although discount offers may be included in the advertisement *itself*. See the example just below, which includes a member discount. But the advertiser (Steve Davis) could not have posted that discount on his Web site. It appears *exclusively* in THE DATABUS.



**Lock Nest Mobile Locksmith**

Steve Davis  
Owner

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937.890.1936

Locknestmobile@gmail.com  
[www.locknestmobilelocksmith.com](http://www.locknestmobilelocksmith.com)



10% Discount to DMA  
members!



## Help DMA by using Amazon's SMILE program!



AMAZON, the Internet's largest retailer (if you haven't noticed, Amazon isn't just for books any more!) has a "Smile" feature whereby Amazon donates a percentage of almost any purchase you make to a selected nonprofit organization. There is *no* extra cost to you. Click [here](#) to learn more or [here](#) to go directly to the sign-up page. Be sure to put DMA down as the beneficiary of your purchases.

(APRIL MINUTES—Continued from page 5)

## NEW BUSINESS

### List of DMA accounts – Gladys Campion

Gladys led a review of all accounts currently held by DMA, when they were established, who has access, and the procedure for maintaining the account. This effort is to prevent us from accidentally being locked out if a member leaves DMA.

### Summer Picnic

There was a discussion on whether to hold a picnic this summer. Trustees agreed there seems to interest. Martin Arbagi volunteered to try reserving our regular shelter at Indian Riffle Park. It was agreed that it may be too soon to do a pot-luck dinner. We will make this a brown bag event this year. Gladys will begin the search for door prizes.

## ADJOURNMENT

Pat Flynn moved to adjourn at 10:28 P.M. Edwin Davidson seconded and the motion passed.

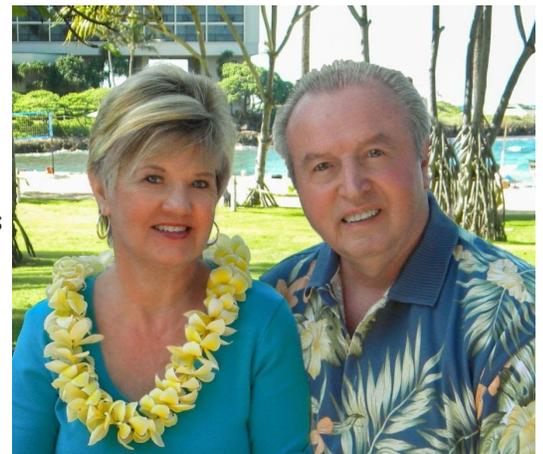
*Respectfully Submitted,*

*Gladys Campion,  
Secretary*

## User Group Relations—May 2021 Newsletter

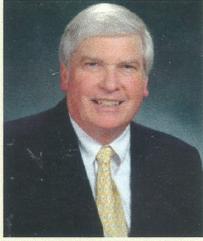
By Gene BARLOW

**O**N A PERSONAL NOTE, in my last newsletter, I announced the stroke I had last October. Thanks to all for your wishes for a speedy recovery. They were greatly appreciated. I made good progress until last March, when two falls put me back a bit. So three steps forward and two steps back — time to re-access things. I've decided that this will probably be my last year representing Acronis and offering you our user group discounts on their excellent products. I can still process your orders within 24 hours of submission. I hope to keep this ordering service open through the end of this year, so we can get you the new True Image 2022 products expected this Fall.



(Continued on page 9)

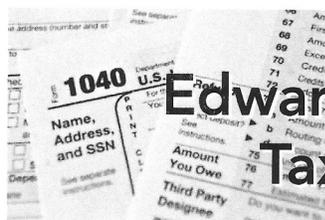
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(ACRONIS BACK-UP & SECURITY SOFTWARE—Continued from page 7)

I am partially paralyzed on my left side and can no longer type with my left hand. I have learned to type using only my right hand, but this is a fairly slow process, which limits my ability to reply to your many e-mails. I read and enjoy each note, but I cannot reply to all of them. I try to reply to the most urgent notes, but it may be a few days before I get back to you.

Technical questions should be sent to Acronis for assistance. They provide free technical support for up to a year. So, as long as you have a subscription product or have the latest release of their perpetual product, Acronis will give you free technical support. If you use older releases, then you will have to research your own answers in the Acronis forums or knowledge base.

We miss presenting and seeing our many user group friends, but I can no longer present to your user group. If things should change, I will let you know in a future newsletter.

### **Now for Some Acronis Product News ...**

On April 1, 2021 Acronis announced the termination of their Acronis True Image 2021 Standard (Perpetual License) product. The reason they give for discontinuing this popular product is right on. Internet hackers are being more and more aggressive in attacking your computer. Hence, to protect your computer adequately you need to keep your Internet protection software more up-to-date. True Image Perpetual is only current the *first* year it is released. After that, it becomes more and more obsolete as each week passes.

Unfortunately, this discontinued version of True Image 2021 is our most popular version of True Image. I have a small remaining supply of this version, but once my supply is gone, you will no longer be able to order this product. These remaining copies are clean and still current. So order today for your immediate needs. Eventually, you will have to consider moving to one of the three subscription versions: Essential, Advanced, or Premium. But for now, you can still get your favorite Acronis True Image 2021 Standard (Perpetual License). Don't wait, these will go fast.

The major new feature announced in True Image 2021 is a full function Antimalware utility. I understood that this new feature was included in all four versions of True Image 2021. Unfortunately, the announcement briefly mentioned that only a 30-day trial of the Antimalware utility was in the Perpetual and Essential versions of True Image 2021. If you want this significant Antimalware feature, then you need to order either the Advanced or Premium Subscription Licenses of True Image 2021.

### **Selecting the Best Acronis True Image 2021 Package for You**

Until recently, Acronis has offered four different version of their latest True Image 2021 product. Each has similar functions, but slightly different features. Selecting which of the four versions would best suit your needs can be a bit confusing. This article should help you understand the differences and pick the best version for your needs.

Acronis True Image 2021 Standard (Perpetual License) has been the most popular version our user group customers would purchase from us. However, Acronis announced on April 1, 2021 that it was discontinuing this popular product. Why?

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*(ACRONIS BACK-UP & SECURITY SOFTWARE—Continued from page 9)*

During the first year, Acronis publishes free bug fixes every few weeks. After that, the product is frozen and no further changes or fixes are released for it. All future changes and fixes will go in the next annual release and are not retrofitted into past releases. The old versions may continue to run, but they are no longer up-to-date and will eventually fail to protect your computer.

More likely what really happens, is that True Image stops doing good backups over a year before it stops running and you don't realize it. Just because True Image runs to the end of the backup, doesn't mean that the backup image is usable. I advise my customers to upgrade True Image at least every other year. Still, some users may go three to four years on the same old True Image software and never know how risky they are being. They think True Image Standard (Perpetual License) is saving them money. Actually, they are playing Russian Roulette with their important computer security.

Also, True Image Standard (Perpetual License) is missing a couple of very important features found only in some of the other versions of True Image. First, the ability to backup to the Internet (called the Acronis Cloud) is not possible in the Perpetual version. Portions of your computer contents are very important and need to be backed up daily. If you forget to attach your external hard drive every night, then these critical daily backups do not happen. Using a more advanced version of True Image that can do Internet backups daily, provides a much better back-up solution.

Second, True Image 2021 introduced the addition of a full function anti-malware utility, which is a very significant enhancement that all users should have. Unfortunately, this anti-malware utility is not included in the Perpetual version of True Image.

For these reasons, I can no longer recommend True Image Standard (Perpetual License) to protect your computer from the dangers of the Internet. If you are currently using a Perpetual version, you should replace it soon with either True Image Advanced or True Image Premium.

Acronis True Image 2021 Essential (Subscription License) is one of the newer annual subscription licenses of True Image introduced a couple of years ago. When you buy a subscription license of this product for one year, you can use this product to back up your computer for one year from when you register it. At the end of that year, you need to renew the license for another year. If a new release of True Image is available during your license year, you get a free upgrade to the new release, but your license expires at the end of the original year. This product is always available to be up-to-date and current. It is also, the least expensive version of True Image that can remain up-to-date with Internet threats.

However, True Image Essential has a couple of major weaknesses in it. You cannot use this product to backup to the Internet (called the Acronis Cloud). So critical files that should be backed up daily will not get backed up regularly if you forget to attached your external hard drive each night.

Another major weakness of True Image Essential is that it doesn't support the newly announced Antimalware utility as a key part of protecting your computer from Internet problems.

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(ACRONIS BACK-UP & SECURITY SOFTWARE—Continued from page 10)

For these reasons, I am hesitant to recommend True Image Essential as a good tool in protecting your computer from Internet problems. However, it is an excellent low cost back-up utility.

That leaves True Image 2021 Advanced or True Image 2021 Premium (both Subscription Licenses) as your best choices to protect your computer from the very active threats of the Internet. So, why would you pick one or the other of these two as your best Internet protection tool?

The cost of each product is certainly a consideration. We offer both of these excellent products at great discounts. For example, a single license of Advanced from us is only \$45 and a single license of Premium from us is only \$63. This is half what you would pay Acronis for exactly the same item and support. However, the real cost savings happen when you buy either three or five licenses at a time. For example, five licenses of Advanced from us is \$95, that's only \$19 for each license! Also, 5 licenses of Premium from us is \$105, just \$21 for each license! So, you can get either Advance or Premium for about \$20 per year when you buy five licenses. Thus, cost is not a major factor in selecting which of these two products to purchase.

Finally, features between Advanced and Premium should be considered when selecting which to purchase. They both offer an excellent backup utility and the new full function anti-malware utility to protect your computer fully from the very active Internet problems we all face today. So, both offer you the best possible protection you can get for your computer today.

Both products offer you online Internet storage on the Acronis Cloud. The Advanced product includes 500GB of free storage, where the Premium product includes 1TB of free storage. Since Internet storage is much slower than local storage on an external hard drive, I would recommend you only store your few critical files that should be backed up daily to the Internet. I would still back up your entire hard drive each week to a locally attached external hard drive. This combination of both Internet storage and local external hard drive storage will give you the best of both storage media. The 500GB of Acronis Cloud storage that is included free with your Advance True Image license should be more than enough to store your few critical files.

True Image Premium does include some advanced features such as Blockchain certification of your backup files and Electronic Signatures on files which give you ultra protection of your back up image files. You also get high priority (less than 24 hours) technical support with the Premium product.

In conclusion, I recommend either True Image 2021 Advanced or True Image 2021 Premium products to protect *all* the computers in your household. Your best deals are with the three or five licenses annual subscription packages. True Image Advanced is slightly less expensive, but True Image Premium offers you the best protection possible. Either product will be an excellent choice for you.

Just go to my secure website at [www.ugr7.com](http://www.ugr7.com) and click on the Product button under the picture at the top of the screen. Then click on either Advanced True Image or Premium True Image to place your order. Scroll down to either the three or five licenses boxes and click on Add to Cart.

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*(ACRONIS BACK-UP & SECURITY SOFTWARE—Continued from page 11)*

When you are ready to check out, click on the Cart button near the upper right of the screen. PayPal will process your payment using either your PayPal account or your Credit/Debit card. You do not need a PayPal account to pay with either a Credit/Debit card. You will see the PayPal option first. Just scroll down to see the Credit/Debit card option. When you submit your order, you will quickly get an e-mail confirming the order. I will send you a second e-mail with your serial numbers and a link to my Starter Guide that you should follow to download and install the products on your computer. It may take me a few hours to send you this second e-mail, so please be patient. If it doesn't show up in 24 hours, send an e-mail to [gene@ugr7.com](mailto:gene@ugr7.com) asking about your serial numbers. Normally, they will probably arrive a few minutes after you place the order. I try to get orders out as quickly as possible. We appreciate your business.

We are an official distributor of Acronis consumer products, focusing mainly on computer user groups members and their friends. We offer special discount prices and add extra support to our customers. Make sure you purchase from us for the best protection of your PC or Mac.

### **Buy True Image 2021**

We now offer one serial number that can be installed on three or five computers. In the past, when you ordered three or five licenses from us, we would send you three or five different serial numbers that could only be installed on one computer each. That kept things simple for us and you — one serial number for one computer. Acronis started to send out single serial numbers that could be used to install on three or five computers. Now, you have to keep track on how many computers you installed these multi-computer serial numbers on so that you fully used these multi-computer numbers.

However, things got a bit more complicated than this when you registered single computer numbers and multi-computer numbers in your Acronis account. Also, perpetual and subscription serial numbers were treated differently when you registered them. Unfortunately, Acronis didn't document any of this anywhere, as near as I can determine. Strange things happened that left us scratching our heads. I think we have finally unraveled these strange happenings. Let me try to explain all the complications.

A few years ago, all Acronis products were Perpetual. Subscription products had not yet been introduced. You could register more than one Perpetual product in your Acronis account. Since, only one Acronis True Image product could be installed on one computer, each new Perpetual license you registered in your Acronis account needed to be installed on a different computer. So, a household with three different computers, would have three different True Image Perpetual licenses in the same account, each associated with a different computer.

With Subscription licenses, you now had two factors to consider — what computer was the license installed on and how long was the license valid. By default, one Subscription license was

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(ACRONIS BACK-UP & SECURITY SOFTWARE—Continued from page 12)

valid for one year. When you registered a second Subscription license in the account, it extended the license on one computer for another year. So by adding additional Subscription licenses you can stack additional years on the computer. The problem this caused, was that you needed a separate Acronis account for each computer you had.

To avoid the need for separate Acronis accounts when you had several computers, Acronis introduced the multi-computer serial number. Thus, if you have three computers in your household, you could get one serial number from Acronis for all three computers and register it in a single Acronis account. That solved the problem — sort of! What if you have *four* computers? What do you do then? Buy a three computer number and not protect one of your computers? Buy a five computer license for your four computers and waste one of the licenses? Set up two Acronis accounts, one for the three computer number and the second account for a one computer number? This could get very complicated.

We are now sending out only single computer licenses when you order True Image Perpetual or True Image Essential products from us. When you order single licenses of either True Image Advanced or True Image Premium you will also get single computer license numbers. Only when you order three or five licenses of True Image Advanced or True Image Premium will we send you one serial number that can be installed on more than one computer. I hope this is not too confusing.

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This is one of a series of technical articles that I distribute to those who have subscribed to this newsletter. You can subscribe at:

<http://ugr7.com/newsletter-signup.html>

Watch for them and learn more about your computer and its hard drive. If you do not want to receive these newsletters, simply click on Unsubscribe link below and I will remove your e-mail from this list immediately. User group newsletter editors may print this article in their monthly newsletter as long as the article (between the two horizontal lines) is printed in its entirety and not cut or edited. Please send me a copy of the newsletter containing the article so that I can see what groups are running the article.

[EDITOR'S NOTE: We're sorry to learn that Mr. Barlow is retiring due to health problems. Most longtime DMA members fondly remember his presentations and "Webinars," and many of us, including myself, have been Acronis users of long standing. However, DMA is a 501(c)(3) nonprofit organization, and as such, cannot officially endorse commercial products, including Acronis software. This article should not be construed as such an endorsement.]

... TDB



An International  
Association of Technology  
& Computer User Groups

## Spring 2021 APCUG Reports

### President's Report

FOR MANY OF US, the warm weather is a welcoming sign. Combine this with the ongoing vaccine distribution that hopefully most of us have received, and the indication is good that we are getting back to the way it was pre-COVID-19. Some clubs have already gone to the “hybrid route” by holding meetings that allow for both in-person and Zoom attendance. I know each club will make the decision on how to proceed forward that is best for it. Speaking of Zoom, APCUG has decided to increase our capacity at the various Zoom meetings we provide each month. While this is more expensive for us, we feel it is well worth the cost to help our computer club members get through these trying times. As most of you know, our only source of income is from membership dues, and it is no secret that as some user groups have made the difficult decision to disband and our membership has also decreased over the last several years. If you know your counterparts at other computer and technology clubs in your area, ask them if they are APCUG members (you can also easily determine this by checking the UGLS system at <https://ugls.apcug.org/>). If not, tell them why your club is a member and the benefits you take advantage of. While APCUG has 129 member groups, I am sure there are many computer and technology clubs out there that are not members and not aware of all we offer; I feel the best salespeople in any business are its satisfied customers.

*Sincerely,*

*Ray Baxter*

*President & Treasurer*

*(Continued on page 15)*

(APCUG QUARTERLY REPORT—Continued from page 14)

## APCUG FINANCIAL SUMMARY March 2021

*Ray BAXTER*, Treasurer

rbaxter (at) apcug.org



**PayPal**

Balance 2/28/2021 .....\$ 1,167.05

Income: —No activity—

Balance 3/31/2021 ..... 1,167.05

**Bank of America**

Balance Checking 2/28/2021 .....2,823.92

**Income:**

Membership Renewals 1 @ \$50 .....50.00

**Expenses:**

InCorp (Registered Agent Services) Annual Payment .....99.00

E-Novative UGLS monthly .....85.00

Zoom Monthly.....169.96

**Total Expenses:**..... 353.96

Checking Account Balance 3/31/2021..... 2,519.96

Savings Account Balance 3/31/2021 .....15,457.19

Certificate of Deposit Balance 3/31/2021 .....82,184.31

Total Bank of America .....100,161.46

**Total Bank Balances:** .....\$101,328.51

## MEMBERSHIP

*Lee LAUGHNER*, Chair

llaughner (at) apcug.org

**O**NE NEW TECHNOLOGY GROUP, Dolce Vita Tech Ed in AZ, joined APCUG in April 2021.

## 2021 WEDNESDAY WORKSHOPS

*Judy TAYLOUR*

jtaylor(at)apcug.org

**I**T HAS BEEN A YEAR SINCE WE STARTED OFFERING WEDNESDAY WORKSHOPS. We started with one a month and in the Fall had two or three the rest of the year. We, Bill, John, and Judy hope you have enjoyed attending them. If you have an idea for a workshop, let us know. If you would like to give a presentation, let us know. If you have a team of people who would like to give presentations, let us know by sending an e-mail to Judy at jtaylor(at)apcug.org.

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*(APCUG QUARTERLY REPORT—Continued from page 15)*

**January:**

Learning Linux #5, Software Siblings and Shopping for Software with John Kennedy, East-Central Ohio Technology Users Club' and Orv Beach, Linux Evangelist. Roundtable.... Drones and Autonomous Flight with Larry Fortna, President, Lakes At Leesburg Comp and Tech Club

**February:** Quick and Easy Tips for Speaking in the Virtual World by Frank DiBartolomeo, President, DCI Modems, Routers, and Wi-Fi with Bill James, APCUG Advisor, Region 8, Speakers' Bureau Member, VP for the Computer Club of Oklahoma Plus the six-presentation VTC

**March:** Macs *vs.* Windows PCs, Larry Fortna, President, Lakes At Leesburg Computer and Technology Club; learning Linux #6: Settings, Files and Commands, Oh My! with Orv Beach, Linux Evangelist, John Kennedy, East-Central Ohio Tech Users Club, and Sharan Kalwani, SE Michigan Computer Organization; Easily Stay in Touch With Your Members with Mailchimp, Judy Taylour, Bill James, Deb Meisels, VP, Westchester PCUG and Pierre Darmon, President, Westchester PCUG; We celebrated World Back up Day on March 31 with presentations by Judy Taylour, Bill James, Art Christofferson, Minnetonka Seniors' Interest Group, and Rich Allen, East-Central Ohio Tech Users Club

**April:** Cutting the Cord: Watching TV (Legally) Without Cable with Rob Truman, Webmaster, Computer Booters, Bill James, and Sandee Ruth, President, Lorain County Computer Club; Learning Linux #7: Customization with Murray Strome, Victoria Computer Club; David Hatton, Melbourne PCUG; John Kennedy, and Orv Beach; Genealogy with Sue Mueller, Computer Users of Erie, Orv Beach, and Murray Strome.

**May:** WYZE home security cameras with a cookbook of apps that can be leveraged to provide all sorts of options for security, notifications, and operations by Larry Fortna. Learning Linux #8 potpourri with Orv and John; Backing up, printing, security, networking, and more with an extended Q&A for follow-up questions you might have from past workshops. MeWe, a secure alternative to Facebook, Mike Ungerman, Central Florida Computer Society; and Joe Kissell's Online Privacy presentation. Joe's VTC presentation maxed out at 100 so we are offering it again as a Wednesday Workshop.

... TDB

**This is a greatly shortened version of the APCUG Spring Quarterly Report. (The full version would have resulted in a 40-page issue!) For the full report, please e-mail the Editor at:**

**[Editor@DMA1.org](mailto:Editor@DMA1.org)**

## Austrian Security Testing Platform AV-COMPARATIVES Says Recent Colonial Pipeline Disaster Was Preventable

**A**CCLAIMED INDEPENDENT SECURITY SOFTWARE TESTING PLATFORM, AV-Comparatives has recently released the results of its Enterprise Endpoint Protection (EPP) Main-Test Series. This factsheet report comprises the findings of the Enterprise Malware Protection Test and Enterprise Real-World Protection Test. Nineteen products have been put to test.

By using one of those Enterprise Security Solutions and proper patch management the Colonial Ransomware Disaster could have been prevented easily. The use of security solutions is almost always cheaper than the cost of a successful attack, in this case almost USD 5 million.

Continuing its impressive work, AV-Comparatives is pleased to announce the release of a new report based on the company's recently conducted Enterprise Main-Test Series. This test series is dedicated to Enterprise products, and the just released factsheet contains the results of the Enterprise Malware Protection Test and Enterprise Real-World Protection Test. Company sources revealed that the complete report with the Performance Test and product reviews will be published in July.

As part of its Enterprise Main-Test Series, AV-Comparatives evaluated as many as nineteen enterprise products under Windows 10 64-bit. The products tested are:

- Acronis Cyber Protect Cloud with Advanced Security pack
- Avast Enterprise Antivirus Pro Plus
- Bitdefender GravityZone Elite
- Cisco Secure Endpoint Essentials
- CrowdStrike Falcon Pro
- Cybereason Enterprise
- Elastic Security
- ESET PROTECT Entry with ESET PROTECT Cloud
- FireEye Endpoint Security
- Fortinet FortiClient with EMS, FortiSandbox & FortiEDR
- G Data Endpoint Protection Enterprise
- K7 Enterprise Security Advanced
- Kaspersky Endpoint Security for Enterprise– Select, with KSC
- Malwarebytes EDR· Microsoft Defender Antivirus with Microsoft Endpoint Manager
- Panda Endpoint Protection Plus on Aether
- Sophos Intercept X Advanced
- Vipre Endpoint Cloud
- VMware Carbon Black Cloud Endpoint Standard

The report provides a brief overview of the results of the Enterprise Real-World Protection Test run carried out in March and April 2021. A test set consisting of 373 test cases (such as malicious URLs) was used to arrive at the results.

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(COLONIAL PIPELINE DISASTER— Continued from page 17)

[EDITOR'S NOTE: The link given below is more accurate than the one given in the article sent to me. AV-Comparatives is a nonprofit modeled after the American Consumers' Union. However, whereas Consumers' Union tests almost *any* consumer product from automobiles and ketchup, to mattresses, paints, and washing machines, AV-Comparatives specializes in security software for individual consumers and businesses.]

Business Security Test March-April 2021 - Factsheet - AV-Comparatives

Here is a link to AV-Comparatives' Home Page:

[Home - AV-Comparatives](#)

... TDB

For an invitation to the Investment  
SIG meeting, please e-mail:  
Martin.Arbagi (at) Gmail.com

## DMA Events for May 16 – Jun 19, 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
May 16	May 17 <b>Apple Dayton SIG</b> CANCELLED	May 18	May 19	May 20 <b>Linux SIG</b> 7:00pm Online	May 21 <b>Python Self-Study</b> Noon, Online	May 22
May 23	May 24 <b>CENTRAL OHIO ISSA INFOSEC SUMMIT</b>	May 25 <b>MAIN MEETING</b> 7:00pm Online -AND- TJ Chumps 7050 Executive Blvd Huber Heights	May 26	May 27	May 28 <b>Python Self-Study</b> Noon, Online	May 29
May 30	May 31 <i>Memorial Day</i> 	Jun 1	Jun 2	Jun 3 <b>Genealogy SIG</b> CANCELLED	Jun 4 <b>Python Self-Study</b> Noon, Online	Jun 5 <b>Classic Computers</b> 3:00pm By phone
Jun 6	Jun 7 <b>DMA Trustees</b> 7:00pm Online	Jun 8 <b>Investment SIG</b> 7:00pm Online	Jun 9 <b>Dayton Dynamic Languages</b> 7:00pm Online	Jun 10	Jun 11 <b>Python Self-Study</b> Noon, Online	Jun 12
Jun 13	Jun 14 <i>Flag Day</i> <b>Apple Dayton SIG</b> CANCELLED	Jun 15	Jun 16	Jun 17 <b>Linux SIG</b> 7:00pm Online	Jun 18 <b>Python Self-Study</b> Noon, Online	Jun 19 <b>Classic Computers</b> 3:00pm By phone

## About The Dayton Microcomputer Association, Inc. (DMA)

By Peter HESS, DMA President, 2018-2020

**M**ORE THAN FORTY-FOUR YEARS AGO, a small group of computer enthusiasts from the Dayton, Ohio area gathered around a kitchen table looking at, and playing with, an early personal computer called the Altair 680 that one of them had purchased. This computer had been featured earlier on the cover of the January 1975 issue of *Popular Electronics* magazine. Paul Allen had shown the selfsame article about the Altair to Bill Gates, and later, they wrote software together for that computer. Still later — and still together — Allen and Gates founded the Microsoft Corporation.

Shortly thereafter, those Dayton-area computer enthusiasts joined together with many others to form THE DAYTON MICROCOMPUTER ASSOCIATION (DMA), now one of the oldest (if not *the* oldest) continuously-operating computer user

groups in the world. Typically, computer user groups, and the newer iteration, technology user groups, are volunteer-run operations. The DMA is an all-volunteer led, organized, and run 501(c)(3) non-profit organization.

Now, there are hundreds of computer (or technology) user groups in the world, all of which continue to foster improved communication between technological equipment and software publishers, and users of their products. User groups (both computer and technology) provide an environment where more experienced technology users introduce additional and advanced techniques to novices.

DMA offers both monthly General Membership Meetings, which cover new and innovative topics including a wide range of generic, technological topics, and its Special Interest Groups (SIGs) which address concerns about specific technology interests. There are eight different SIGs sponsored by the DMA, covering such topics as the Linux operating system, various programming languages such as Python, the use of technology to investigate genealogy, and digital aids to investing. Neither SIG members nor attendees at DMA General Meetings need be members of the parent organization, though they are encouraged to join so DMA can continue providing its services to the public.

Annual dues for DMA membership, which have not been raised for decades, are \$25 for Regular Members, and \$12.50 for Family/Associate Members (someone living at living at the same address as a Regular Member). Nonvoting Student Memberships are *free* to students through age 22. Door prizes at General Meetings, picnics, banquets, and other DMA events, and both product and service discounts are available to all DMA members.



# Dayton Microcomputer Association Membership Form

Today's date \_\_\_\_/\_\_\_\_/\_\_\_\_

**NEW** Please credit the DMA member who recruited me: \_\_\_\_\_  
 **RENEW** Contact information below is new  Y  N

### TYPE OF MEMBERSHIP

**REGULAR**  
 Name \_\_\_\_\_ Home / Work (\_\_\_\_) \_\_\_\_ - \_\_\_\_  
 Email \_\_\_\_\_ Mobile Phone (\_\_\_\_) \_\_\_\_ - \_\_\_\_

**ASSOCIATE** Family Associate membership is for a family member living at the same address as a Regular member. Name of Regular member: \_\_\_\_\_  
 Name \_\_\_\_\_ Home / Work (\_\_\_\_) \_\_\_\_ - \_\_\_\_  
 Email \_\_\_\_\_ Mobile Phone (\_\_\_\_) \_\_\_\_ - \_\_\_\_

**STUDENT** Free Student membership is available to those under 22 years of age, enrolled full-time in a program of higher education. Name of School: \_\_\_\_\_  
 Name \_\_\_\_\_ Home / Work (\_\_\_\_) \_\_\_\_ - \_\_\_\_  
 Email \_\_\_\_\_ Mobile Phone (\_\_\_\_) \_\_\_\_ - \_\_\_\_

Home Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_ Zip \_\_\_\_\_

### INTERCHANGE

Skills & interests you might share with DMA \_\_\_\_\_  
 What you hope DMA will provide \_\_\_\_\_

**SHELL ACCOUNT** A shell account on the DMA web server provides file storage, hosting of a personal non-commercial website, @dma1.org email alias (forwarding address), all for a one-time fee of \$10. A username must be 8 alpha characters. The usual default is last name and first initial, no caps or punctuation. DMA reserves the right of final decision on all usernames: 1<sup>st</sup> choice \_\_\_\_\_ 2<sup>nd</sup> choice \_\_\_\_\_

### DUES AND FEES

Regular membership	\$25.00 x <input type="checkbox"/> 1yr <input type="checkbox"/> 2yr <input type="checkbox"/> 3yr	\$ _____
Family Associate membership	\$12.50 x <input type="checkbox"/> 1yr <input type="checkbox"/> 2yr <input type="checkbox"/> 3yr	\$ _____
Student membership	FREE	\$ 0.00
One-time setup fee for Shell account	\$10.00	\$ _____
Total .....		\$ _____

*\*Note: \$10.00 fee will be charged for any returned checks*

Make your check payable to: **Dayton Microcomputer Association, Inc**  
 Mail check and application to: **PO Box 4005**  
**Dayton OH 45401-4005**  
 Or use Paypal to send your payment to: **membership@dma1.org**

### DMA use only

Member# \_\_\_\_\_ Exp \_\_\_\_/\_\_\_\_ [ ] Cash [ ] Check# \_\_\_\_\_ [ ] Paypal Proc by \_\_\_\_\_  
 Member# \_\_\_\_\_ Exp \_\_\_\_/\_\_\_\_ [ ] Cash [ ] Check# \_\_\_\_\_ [ ] Paypal Proc by \_\_\_\_\_  
 Member# \_\_\_\_\_ Exp \_\_\_\_/\_\_\_\_ [ ] Cash [ ] Check# \_\_\_\_\_ [ ] Paypal Proc by \_\_\_\_\_



By Jove, Harrington, this does not appear to be the 2021 DMA Annual Picnic !

You idiot ... you should have waited for announcement of the exact place in the next issue of THE DATABUS !

**The DMA Annual Picnic is back!  
Date: Saturday, 28 August 2021  
Exact Time & Place to be Announced in  
the Next Issue of THE DATABUS**