



Alan German & Chris Taylor

Ottawa PC Users' Group

January 17, 2024

Armchair travel presentation

Enjoy a winter warmup by attending a photo presentation by Lynda Buske based on multiple trips to **British Columbia**.

When: **Tuesday, Jan 23 at 7pm EST.**

Where: for Zoom link:

<https://us02web.zoom.us/j/87110632864?pwd=UEdqbHMveGtmd2lwT1hTZUlqVU5ldz09>

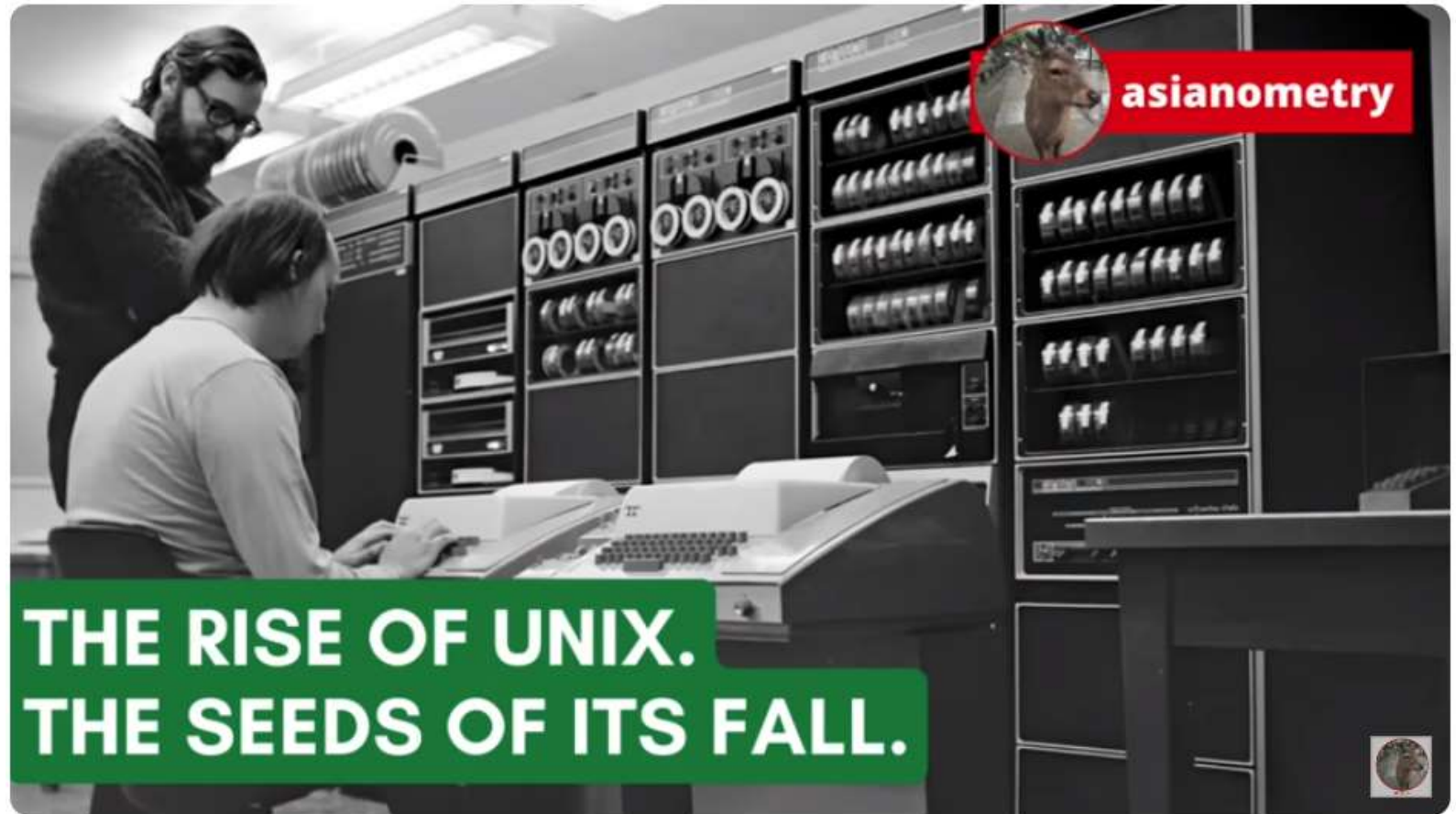
or contact Lynda at lbuske@sympatico.ca





YouTubeTech

The Story of Unix



The Rise of Unix. The Seeds of its Fall

<https://www.youtube.com/watch?v=HADp3emVABg>



YouTubeTech

The Story of Unix



A Chronicle of the Unix Wars

<https://www.youtube.com/watch?v=Ffh3DRFzRL0>

Share

Windows 11 Moment 5

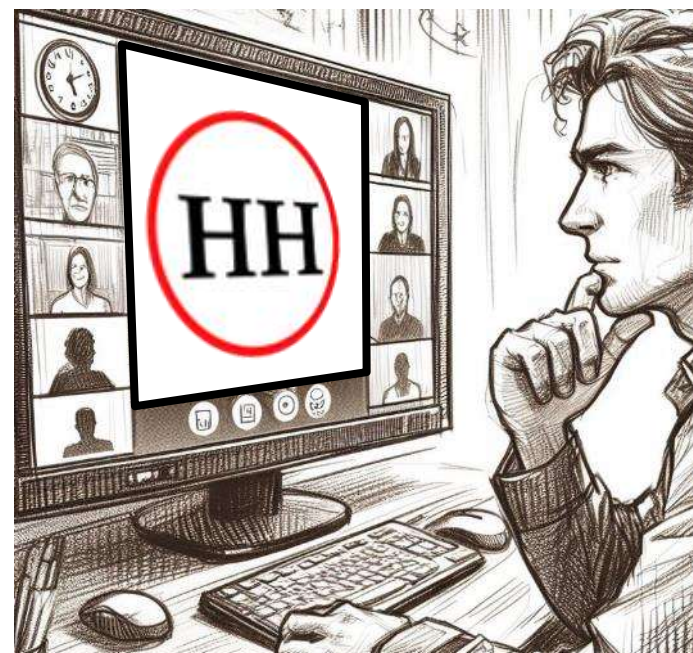


- New feature update for Windows 11
 - likely rolled into March *patch Tuesday* updates
 - only offered to those running Windows 11 23H2
 - *Settings > System > About > Windows specifications*
- What's expected:
 - ability to remove news from the Widgets Board
 - ability to remove Bing from the Windows Search pane
 - more apps uninstallable (Edge, Cortana, Camera, Photos)
 - improvements to Copilot
 - can be undocked, shows up in Alt-Tab, multi-monitor support
 - improvements to built-in apps
 - more...

Share

Zoom video problem

- Zoom desktop client Windows 11
 - Logitech webcam worked fine in previous Zoom meetings
- Sudden change in behaviour
 - couldn't enable video in Zoom
 - Zoom toolbar icon – line through it
 - clicking icon didn't enable video
 - host request video didn't work
 - switch between 2 cameras in *Zoom settings* didn't work
- Video worked fine when hosting a Zoom meeting
- Video feed showed up fine in *Zoom Settings > Video*

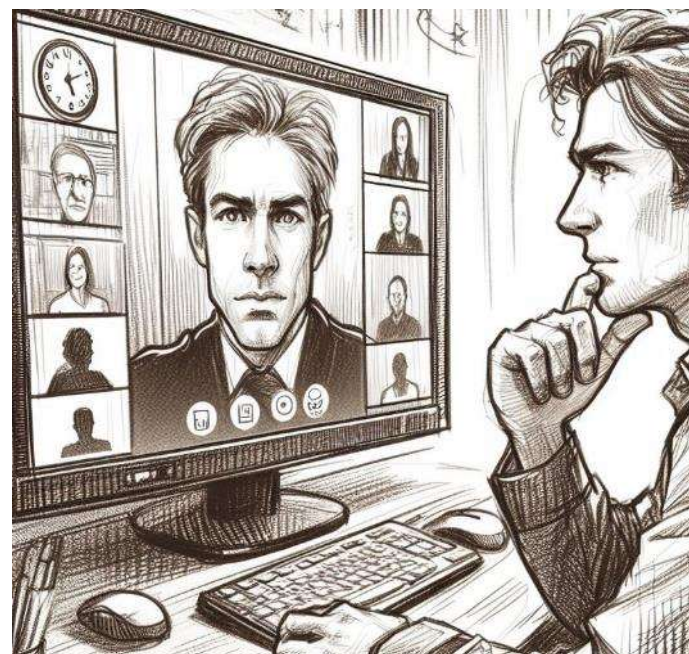


Share

What fixed it

- Completely removed Zoom client
 - <https://assets.zoom.us/docs/msi-templates/CleanZoom.zip>
- Reinstalled Zoom desktop client

...and video works!





Move disk partitions

- How do you move partitions?
- Useful when cloning a drive to a bigger drive, since recovery partitions are usually at the end

Disk 1 Basic 931.50 GB Online	100 MB Healthy (EFI System Part)	(E:) 930.62 GB NTFS (BitLocker Encrypted) Healthy (Basic Data Partition)	799 MB Healthy (Recovery Partition)
---	-------------------------------------	--	--

Tom Trottier

Partition layout

The default partition layout for UEFI-based PCs is: a system partition^{*}, an MSR^{**}, a Windows partition, and a recovery tools partition.

Disk 0 default partition layout (UEFI-based PCs)



This layout lets you use Windows BitLocker Drive Encryption through both Windows and through the Windows Recovery Environment.

* *System partition may also be labelled EFI*

** *MSR partition may be labelled Windows RE*

<https://learn.microsoft.com/en-us/windows-hardware/manufacture/desktop/configure-uefigpt-based-hard-drive-partitions?view=windows-11>



Disk Management

→ Disk 1 Basic 931.50 GB Online	100 MB Healthy (EFI System Part)	(E:) 930.62 GB NTFS (BitLocker Encrypted) Healthy (Basic Data Partition)	799 MB Healthy (Recovery Partition)
--	-------------------------------------	--	--

- Shrink the Windows partition (Drive E:) using Disk Management
Action > All Tasks > Shrink Volume
- This creates unallocated space
- **But, Disk Management does not support moving partitions**
- Need a third-party solution



AOMEI Partition Assistant

AOMEI Partition Assistant Standard Edition - Safely Partition Your Hard Drives

Upgrade

Apply Clone Convert Free up Recover Wipe Test Tools

Name	Type	Capacity	Used Space	Flag	Status	Alignment
DISK 2						
*:	FAT32	100.00MB	32.03MB	GPT, EFI System Partiti...	None	4K
*:	Other	16.00MB	0.00KB	GPT, Microsoft Reserv...	None	4K
E:	NTFS	832.96GB	50.50GB	GPT	None	4K
X: DataPar...	NTFS	87.89GB	95.47MB	GPT	None	4K
*	Unallocated	9.77GB	0.00KB	GPT	None	
*:	NTFS	799.00MB	713.36MB	GPT, Recovery Partiti...	None	4K

Disk 1
57.95GB
Basic MBR

*: S:
16.0... 57.94GB(89% free)
Una... exFAT,Primary

Disk 2
931.51GB
Basic GPT

*: *: E:
100.... 16.0... 832.96GB(93% free)
FAT... Oth... Bitlocker Encrypted,Primary

X: Da ... *: *: X: Da ...
87.89... 9.77... 799.00M...
NTFS... Unal... NTFS,Pri...

799.00 MB(10% free),NTFS

Properties

Resize/Move Partition

Clone Partition

Format Partition

Delete Partition

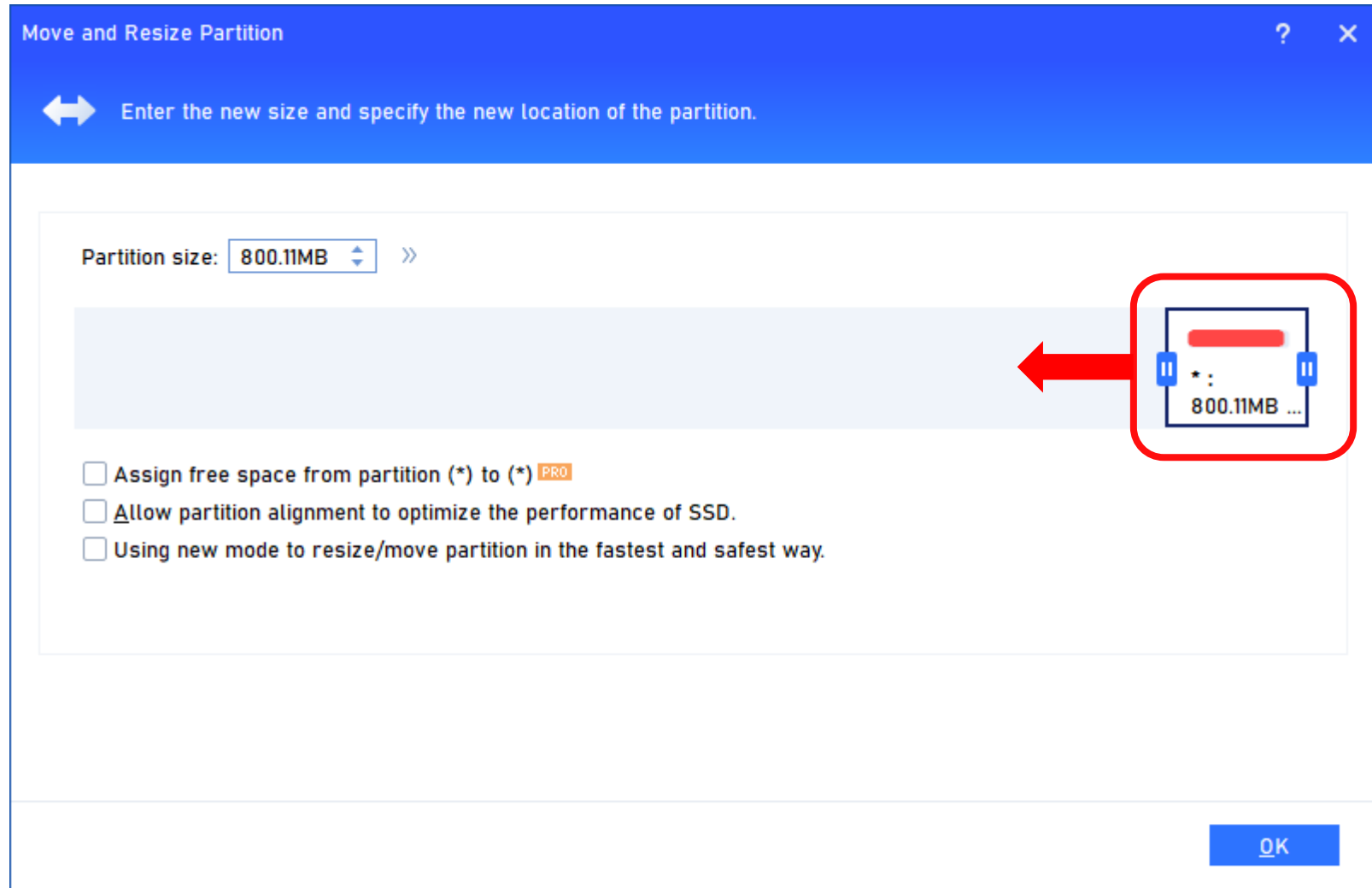
Wipe Partition

App Mover

Advanced



AOMEI Partition Assistant





Recovery disk partitions

- Looking at my laptop, there is a 1.030 GB NTFS Recovery partition showing 95% usage
- How do I know which application created it?
- Should I enlarge it manually?
- Will the program that created it enlarge it on its own or tell me it's at capacity?

Serge-Érik Thériault

Macrorit Partition Expert v8.0.0 - Server Edition

General View Operations Language Help

Undo Redo Commit Reload disks Check for updates Help

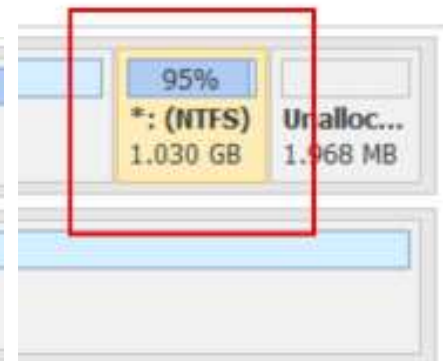
Tools

- Create Bootable Media
- Migrate OS Wizard
- Clone Disk Wizard

Operations

- Resize/Move volume
- Merge volume
- Copy volume
- Convert NTFS to FAT32

Volume	Capacity	Free space	File System	Type	Status
Disk 0: Solid state, Basic GPT, Healthy NVMe KXG60ZNV1T02 KIOXIA RAID bus					
*: SYSTEM	254.8 MB	168.0 MB	FAT32	GPT(EFI System ...	Healthy(System)
*:	128.0 MB	128.0 MB	Not Forma...	GPT(Reserved Pa...	Healthy
C: Windows	952.5 GB	179.7 GB	Bitlocker E...	GPT(Data Partition)	Healthy(Boot)
*:	1.030 GB	49.70 MB	NTFS	GPT(Recovery Pa...	Healthy(Recovery)
Unallocated	1.968 MB				
Disk 1: Hard disk, Basic GPT, Healthy Samsung SSD 860 PRO 1TB USB bus					
D:	953.9 GB	858.0 GB	NTFS	GPT(Data Partition)	Healthy



Recovery/OEM disk partitions

- Two types of “recovery” partitions:
 - (1) Windows Recovery Environment (Windows RE)*
Troubleshooting tools
 - (2) OEM Recovery
Factory reset



* *Windows Recovery Environment explained*

<https://techcommunity.microsoft.com/t5/windows-it-pro-blog/windows-recovery-environment-explained/ba-p/2273533>



ReagentC

Disk Management								
File Action View Help								
← → [Icons]								
Volume	Layout	Type	File System	Status	Capacity	Free Spa...	% Free	
(S:)	Simple	Basic	exFAT	Healthy (Primary Partition)	57.92 GB	51.95 GB	90 %	
(Disk 0 partition 1)	Simple	Basic		Healthy (EFI System Partition)	500 MB	500 MB	100 %	
(Disk 0 partition 2)	Simple	Basic		Healthy (OEM Partition)	40 MB	40 MB	100 %	
(Disk 0 partition 4)	Simple	Basic		Healthy (Recovery Partition)	2.00 GB	2.00 GB	100 %	
(Disk 0 partition 6)	Simple	Basic		Healthy (Recovery Partition)	529 MB	529 MB	100 %	
(Disk 0 partition 8)	Simple	Basic		Healthy (Recovery Partition)	11.18 GB	11.18 GB	100 %	
(Disk 0 partition 9)	Simple	Basic		Healthy (Primary Partition)	58.67 GB	58.67 GB	100 %	
(Disk 0 partition 10)	Simple	Basic		Healthy (Primary Partition)	3.83 GB	3.83 GB	100 %	
DataDisk (D:)	Simple	Basic	NTFS	Healthy (Basic Data Partition)	16.66 GB	11.03 GB	66 %	
Windows 10 (C:)	Simple	Basic	NTFS	Healthy (Boot, Page File, Crash ...)	139.38 GB	17.59 GB	13 %	

Disk 0 Basic 232.76 GB Online									
	500 MB Healthy (EF	40 Mi Healt	2.00 GB Healthy (Reco	Windows 10 (C:) 139.38 GB NTFS Healthy (Boot, Page File,	529 MB Healthy (Re	DataDisk (D:) 16.66 GB NTFS Healthy (Basic Data	11.18 GB Healthy (Recovery	58.67 GB Healthy (Primary Partit	3.83 GB Healthy (Primary
Disk 1 Removable 57.95 GB Online									
	16 MB Unallocated	(S:) 57.94 GB exFAT Healthy (Primary Partition)							

■ Unallocated ■ Primary partition

Administrator: Command Prompt

Microsoft Windows [Version 10.0.19045.3803]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>reagentc /info

reagentc /info

Administrator: Command Prompt

Microsoft Windows [Version 10.0.19045.3803]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>reagentc /info

Windows Recovery Environment (Windows RE) and system reset configuration
Information:

Windows RE status:	Enabled
Windows RE location:	\\?\GLOBALROOT\device\harddisk0\partition6\Recovery\WindowsRE
Boot Configuration Data (BCD) identifier:	8d1b33ba-c057-11ea-abb4-c72aee51e243
Recovery image location:	\\?\GLOBALROOT\device\harddisk0\partition8\Dell\Image
Recovery image index:	1
Custom image location:	
Custom image index:	0

REAGENTC.EXE: Operation Successful.

C:\WINDOWS\system32>

Disk 0
Partition 6
Recovery
Windows RE

Disk Management

File Action View Help

Volume	Layout	Type	File System	Status	Capacity	Free Spa...	% Free	
(S:)	Simple	Basic	exFAT	Healthy (Primary Partition)	57.92 GB	51.95 GB	90 %	
(Disk 0 partition 1)	Simple	Basic		Healthy (EFI System Partition)	500 MB	500 MB	100 %	
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(Disk 0 partition 6)	Simple	Basic		Healthy (Recovery Partition)	529 MB	529 MB	100 %	
(Disk 0 partition 8)	Simple	Basic		Healthy (Recovery Partition)	11.18 GB	11.18 GB	100 %	
(Disk 0 partition 9)	Simple	Basic		Healthy (Primary Partition)	58.67 GB	58.67 GB	100 %	
(Disk 0 partition 10)	Simple	Basic		Healthy (Primary Partition)	3.83 GB	3.83 GB	100 %	
DataDisk (D:)	Simple	Basic	NTFS	Healthy (Basic Data Partition)	16.66 GB	11.03 GB	66 %	
Windows 10 (C:)	Simple	Basic	NTFS	Healthy (Boot, Page File, Crash ...)	139.38 GB	17.59 GB	13 %	

1

2

4

6

8

9

10

Disk 0

Basic

232.76 GB

Online

500 MB

Healthy (EF

40 MB

Healt

2.00 GB

Healthy (Reco

Windows 10 (C:)

139.38 GB NTFS

Healthy (Boot, Page File,

529 MB

Healthy (Re

DataDisk (D:)

16.66 GB NTFS

Healthy (Basic Data

11.18 GB

Healthy (Recovery

58.67 GB

Healthy (Primary Partit

3.83 GB

Healthy (Primary

Disk 1

Removable

57.95 GB

Online

16 MB

Unallocated

(S:)

57.94 GB exFAT

Healthy (Primary Partition)

Unallocated

Primary partition

```
C:\WINDOWS\system32>diskpart
```

```
Microsoft DiskPart version 10.0.19041.3636
```

```
Copyright (C) Microsoft Corporation.
```

```
On computer: DELL-INSPIRON
```

```
DISKPART>
```

diskpart

C:\WINDOWS\system32>diskpart

Microsoft DiskPart version 10.0.19041.3636

Copyright (C) Microsoft Corporation.

On computer: DELL-INSPIRON

DISKPART> list disk

Disk ###	Status	Size	Free	Dyn	Gpt
-----	-----	-----	-----	---	---
Disk 0	Online	232 GB	1024 KB		*
Disk 1	Online	57 GB	15 MB		

DISKPART> select disk 0

Disk 0 is now the selected disk.

DISKPART>

list disk

Copyright (C) Microsoft Corporation.

On computer: DELL-INSPIRON

DISKPART> list disk

Disk ###	Status	Size	Free	Dyn	Gpt
-----	-----	-----	-----	---	---
Disk 0	Online	232 GB	1024 KB		*
Disk 1	Online	57 GB	15 MB		

DISKPART> select disk 0

Disk 0 is now the selected disk.

DISKPART> list part

Partition ###	Type	Size	Offset
-----	-----	-----	-----
Partition 1	System	500 MB	1024 KB
Partition 2	OEM	40 MB	501 MB
Partition 3	Reserved	128 MB	541 MB
Partition 4	Recovery	2048 MB	669 MB
Partition 5	Primary	139 GB	2717 MB
Partition 6	Recovery	529 MB	142 GB
Partition 7	Primary	16 GB	142 GB
Partition 8	Recovery	11 GB	159 GB
Partition 9	Unknown	58 GB	170 GB
Partition 10	Unknown	3919 MB	229 GB

DISKPART>

select disk 0
list part

```
DISKPART> list part
```

Partition ###	Type	Size	Offset
-----	-----	-----	-----
Partition 1	System	500 MB	1024 KB
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```
DISKPART> list part
```

Partition ###	Type	Size	Offset
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Partition 5	Primary	139 GB	2717 MB
Partition 6	Recovery	529 MB	142 GB
Partition 7	Primary	16 GB	142 GB
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```
DISKPART> list part
```

Partition ###	Type	Size	Offset
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Partition 6	Recovery	529 MB	142 GB
Partition 7	Primary	16 GB	142 GB
Partition 8	Recovery	11 GB	159 GB
Partition 9	Unknown	58 GB	170 GB
Partition 10	Unknown	3919 MB	229 GB

Disk Management

File Action View Help

Volume	Layout	Type	File System	Status	Capacity	Free Spa...	% Free
(S:)	Simple	Basic	exFAT	Healthy (Primary Partition)	57.92 GB	51.95 GB	90 %
(Disk 0 partition 1)	Simple	Basic		Healthy (EFI System Partition)	500 MB	500 MB	100 %
(Disk 0 partition 2)	Simple	Basic		Healthy (OEM Partition)	40 MB	40 MB	100 %
(Disk 0 partition 4)	Simple	Basic		Healthy (Recovery Partition)	2.00 GB	2.00 GB	100 %
(Disk 0 partition 6)	Simple	Basic		Healthy (Recovery Partition)	529 MB	529 MB	100 %
(Disk 0 partition 8)	Simple	Basic		Healthy (Recovery Partition)	11.18 GB	11.18 GB	100 %
(Disk 0 partition 9)	Simple	Basic		Healthy (Primary Partition)	58.67 GB	58.67 GB	100 %
(Disk 0 partition 10)	Simple	Basic		Healthy (Primary Partition)	3.83 GB	3.83 GB	100 %
DataDisk (D:)	Simple	Basic	NTFS	Healthy (Basic Data Partition)	16.66 GB	11.03 GB	66 %
Windows 10 (C:)	Simple	Basic	NTFS	Healthy (Boot, Page File, Crash ...)	139.38 GB	17.59 GB	13 %

1245678910

Disk 0

Basic

232.76 GB

Online

500 MB

Healthy (EF

40 MB

Healt

2.00 GB

Healthy (Reco

Windows 10 (C:)

139.38 GB NTFS

Healthy (Boot, Page File,

529 MB

Healthy (Re

DataDisk (D:)

16.66 GB NTFS

Healthy (Basic Data

11.18 GB

Healthy (Recovery

58.67 GB

Healthy (Primary Partit

3.83 GB

Healthy (Primary

Disk 1

Removable

57.95 GB

Online

16 MB

Unallocated

(S:)

57.94 GB exFAT

Healthy (Primary Partition)

Unallocated

Primary partition

```
DISKPART> list part
```

Partition ###	Type	Size	Offset
-----	-----	-----	-----
Partition 1	System	500 MB	1024 KB
Partition 2	OEM	40 MB	501 MB
Partition 3	Reserved	128 MB	541 MB
Partition 4	Recovery	2048 MB	669 MB
Partition 5	Primary	139 GB	2717 MB
Partition 6	Recovery	529 MB	142 GB
Partition 7	Primary	16 GB	142 GB
Partition 8	Recovery	11 GB	159 GB
Partition 9	Unknown	58 GB	170 GB
Partition 10	Unknown	3919 MB	229 GB

Windows Recovery Environment (Windows RE)

```
DISKPART> list part
```

Partition ###	Type	Size	Offset
-----	-----	-----	-----
Partition 1	System	500 MB	1024 KB
Partition 2	OEM ←	40 MB	501 MB
Partition 3	Reserved	128 MB	541 MB
Partition 4	Recovery ←	2048 MB	669 MB
Partition 5	Primary	139 GB	2717 MB
Partition 6	Recovery ←	529 MB	142 GB
Partition 7	Primary	16 GB	142 GB
Partition 8	Recovery ←	11 GB	159 GB
Partition 9	Unknown	58 GB	170 GB
Partition 10	Unknown	3919 MB	229 GB

What are all the other OEM/Recovery partitions?

Administrator: Command Prompt - diskpart

Copyright (C) Microsoft Corporation.

On computer: DELL-INSPIRON

DISKPART> sel disk 0

Disk 0 is now the selected disk.

DISKPART> sel part 8

Partition 8 is now the selected partition.

DISKPART> detail part

Partition 8

Type : de94bba4-06d1-4d40-a16a-bfd50179d6ac

Hidden : Yes

Required: Yes

Attrib : 0X0000000000000001

Offset in Bytes: 170944102400

Volume ###	Ltr	Label	Fs	Type	Size	Status	Info
* Volume 5		PBR Image	NTFS	Partition	11 GB	Healthy	Hidden

DISKPART>

Select part 8
(11 GB)

detail part

Computer > LENOVO_PART (F:) >

Organize Open Include in library Share with Burn New folder

Favorites

- Desktop
- Downloads
- Recent Places

Libraries

- Documents
- Music
- Pictures
- Videos

Computer

- Local Disk (C:)
- Local Disk (D:)
- LENOVO_PART (F:)**

Network

Name	Date modified	Type	Size
boot	4/9/2010 10:51 AM	File folder	
EFI	4/9/2010 10:51 AM	File folder	
Factory_Process	4/9/2010 8:24 PM	File folder	
NB	4/9/2010 10:51 AM	File folder	
OKRBackup	4/10/2010 4:27 AM	File folder	
OneKey	4/9/2010 10:52 AM	File folder	
Sources	1/6/2010 10:30 AM	File folder	
activeBitLock	12/31/2009 5:35 AM	Application	291 KB
BlockInput	2/10/2009 4:15 AM	Application	285 KB
bootmgr	2/17/2009 4:28 AM	File	370 KB
CloseBlockInput	2/13/2009 8:55 AM	Application	284 KB
copyunattend7	7/25/2009 6:28 PM	Application	286 KB
delay	9/19/2008 4:27 PM	Application	255 KB
deltempfiles7	6/4/2009 3:35 AM	Application	288 KB
errorMSG	6/23/2009 3:16 AM	Application	285 KB
fc	8/4/2004 3:00 PM	Application	15 KB
HDDUtil	12/29/2009 7:25 AM	Application	72 KB
listvolume	3/22/2009 3:30 PM	Text Document	1 KB
OLD_process	3/3/2010 7:53 PM	Application	304 KB
peshutdown	8/12/2005 3:21 PM	Application	40 KB

Accessing disk partitions

- What is OEM Partition in Windows 10
<https://www.youtube.com/watch?v=s7PbKTaNvE0>
- What's Inside Factory Image Recovery Partition
<https://www.youtube.com/watch?v=LF9j70K5Rlw>



Share

Windows Update KB5034441

- I'm having an issue installing update KB5034441 on three of four Windows 10 machines
- It generates error code 0x80070643
- There seems to be lots of buzz about it with many people having the same issue
- Some pundits are claiming we should do nothing as Microsoft's fix might be to yank the update

Windows Update



Error encountered

Jeff Dubois



Success

2024-01 Security Update for Windows 10 Version 22H2 for x64-based Systems (KB5034441)

Successfully installed on 1/12/2024



Failure

Windows Update



Error encountered

Last checked: Today, 11:57 AM

There were some problems installing updates, but we'll try again later. If you keep seeing this and want to search the web or contact support for information, this may help: (0x80070643)

KB5034441: Windows Recovery Environment update for Windows 10, version 21H2 and 22H2: January 9, 2024

Windows 10 Home and Pro, version 21H2, [More...](#)

Summary

This update automatically applies Safe OS Dynamic Update ([KB5034232](#)) to the Windows Recovery Environment (WinRE) on a running PC to address a security vulnerability that could allow attackers to bypass BitLocker encryption by using WinRE. For more information, see [CVE-2024-20666](#).

IMPORTANT

This update requires 250 MB of free space in the recovery partition to install successfully. If the recovery partition does not have sufficient free space, this update will fail. In this case, you will receive the following error message:

0x80070643 - ERROR_INSTALL_FAILURE

To avoid this error or recover from this failure, please follow the [Instructions to manually resize your partition to install the WinRE update](#) and then try installing this update.

<https://support.microsoft.com/en-gb/topic/kb5034441-windows-recovery-environment-update-for-windows-10-version-21h2-and-22h2-january-9-2024-62c04204-aaa5-4fee-a02a-2fdea17075a8>

KB5034441: Windows Recovery Environment update for Windows 10, version 21H2 and 22H2: January 9, 2024

Windows 10 Home and Pro, version 21H2, [More...](#)

Summary

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Known issues in this update

Symptom	Next step
When you try to apply this update on a PC that has no recovery partition, the update is unsuccessful and you receive the error 0x80070643 ERROR_INSTALL_FAILURE .	You do not need this update if the PC does not have a recovery partition. In this case, the error can be safely ignored. We are working on a resolution and will provide an update in an upcoming release.

Share

Make a plan for digital legacy



- What will happen to your online accounts?
 - if you are incapacitated or die
- You could leave details with a trusted person
 - how to access your accounts
 - what you want done with accounts
 - if you use a password manager, this may simplified
- Each online service may have a facility on dealing with inactive accounts
 - it turns out Google has one!
 - Google Inactive Account Manager

Share

Google Inactive Account Manager

<https://myaccount.google.com/>

The image shows a screenshot of the Google Account 'Data & privacy' page and a pop-up for the 'Inactive Account Manager'. Red boxes and arrows highlight key elements:

- Left Panel (Data & privacy page):**
 - More options:** A red box around the 'More options' link in the 'Data & privacy' section.
 - Data & privacy:** A red box around the 'Data & privacy' link in the left sidebar.
- Main Content (Data & privacy page):**
 - Make a plan for your digital legacy:** A red box around the 'Make a plan for your digital legacy' link.
- Right Panel (Inactive Account Manager pop-up):**
 - START:** A red box around the blue 'START' button.

The 'Inactive Account Manager' pop-up contains the following text:

Google Account

← Inactive Account Manager

Plan what happens to your data if you can't use your Google Account anymore

Decide when Google should consider your account to be inactive and what we do with your data afterwards. You can share it with someone you trust or ask Google to delete it.

[Learn more](#)

START

Decide when Google should consider your Google Account inactive

Choose who to notify & what to share

Decide if your inactive Google Account should be deleted

Inactive Account Manager

myaccount.google...

Google Account

Inactive Account Manager

Plan what happens to your data if you can't use your Google Account anymore

Decide when Google should consider your Google Account inactive

We will only trigger the plan you set up if you haven't used your Google Account for some time.
[Learn more](#)

Tell us how long we should wait before we do so.

After 3 months of inactivity
We'll contact you 1 month before this time is up

Before we take any action, we'll contact you multiple times by SMS and email.

+1 613-
We'll contact you by SMS on this number

christopher.john.taylor@gmail.com
We'll contact you on this email

[MANAGE CONTACT EMAIL](#)

Chris.taylor@opcug.ca
We'll also contact you on your recovery email

[MANAGE RECOVERY EMAIL](#)

[NEXT](#)

Choose who to notify & what to share

Set waiting period X

- ☒ 3 months
- ☐ 6 months
- ☐ 12 months
- ☐ 18 months

CANCEL

SAVE

Inactive Account Manager

myaccount.google...

Google Account

Inactive Account Manager

Plan what happens to your data if you can't use your Google

✓ Your account will be considered inactive 3 months after you stop using it

Choose who to notify & what to share

You can choose up to 10 people for us to notify if your Google Account becomes inactive. You can also give them access to some of your data.

[ADD PERSON](#)

If you use Gmail, you can also set up an AutoReply that will be sent after your account becomes inactive.

This will inform anyone who emails you that you are no longer using this account.

[SET AUTOREPLY](#)

[NEXT](#)

Decide if your inactive Google Account should be deleted

Privacy Terms Help About

Add person to notify

Enter their email

SamSpade@PrivateEye.com

CANCEL

NEXT

Choose what to share

If you want to share data with SamSpade@PrivateEye.com, choose from the list below. They will have access for 3 months after your Google Account becomes inactive.

[SELECT ALL](#) [SELECT NONE](#)

- ☐ Access Log Activity
- ☐ Android Device Configuration Service
- ☐ Arts & Culture
- ☐ Assignments
- ☐ Blogger
- ☐ Calendar
- ☐ Chrome
- ☐ Classic Sites
- ☐ Classroom
- ☐ Contacts
- ☐ Crisis User Reports
- ☐ Data Shared for Research
- ☐ Discover
- ☐ Drive
- ☐ Fit
- ☐ Google Account
- ☐ Google Business Profile
- ☐ Google Chat
- ☐ Google Cloud Search
- ☐ Google Finance
- ☐ Google Help Co
- ☐ Google Pay
- ☐ Google Photos
- ☐ Google Play Bo
- ☐ Google Play Ga
- ☐ Google Play Mo
- ☐ Google Play St
- ☐ Google Podcasts
- ☐ Google Shopping
- ☐ Google Store
- ☐ Google Transla
- ☐ Google Worksp
- ☐ Groups
- ☐ Home App
- ☐ Keep
- ☐ Location Histor
- ☐ Mail
- ☐ Maps
- ☐ Maps (your places)
- ☐ My Activity
- ☐ My Maps
- ☐ Nest
- ☐ News
- ☐ Phone Audio
- ☐ Pinpoint
- ☐ Profile
- ☐ Purchases & Reservations
- ☐ Reminders
- ☐ Saved
- ☐ Search Contributions
- ☐ Street View
- ☐ Tasks
- ☐ YouTube and YouTube Music

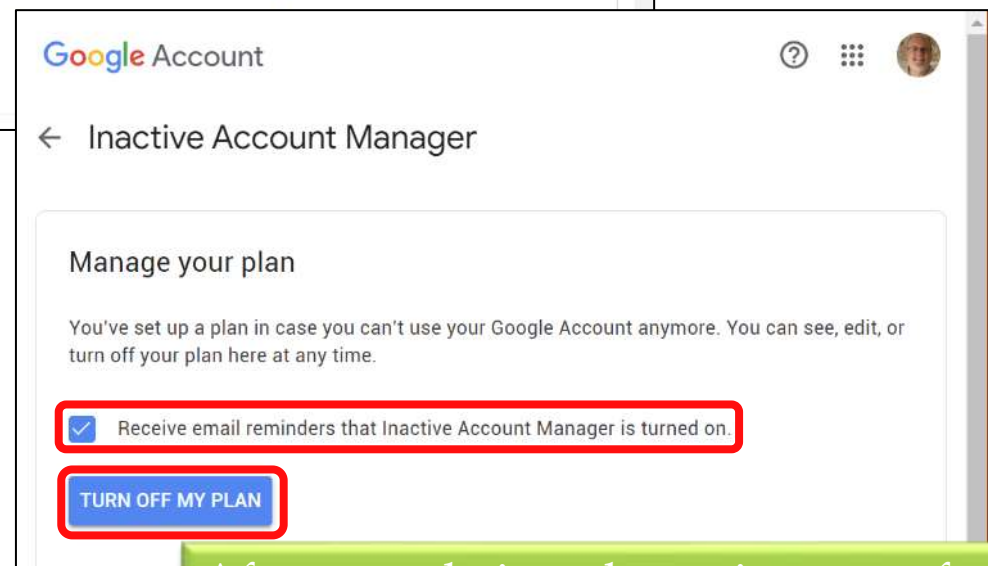
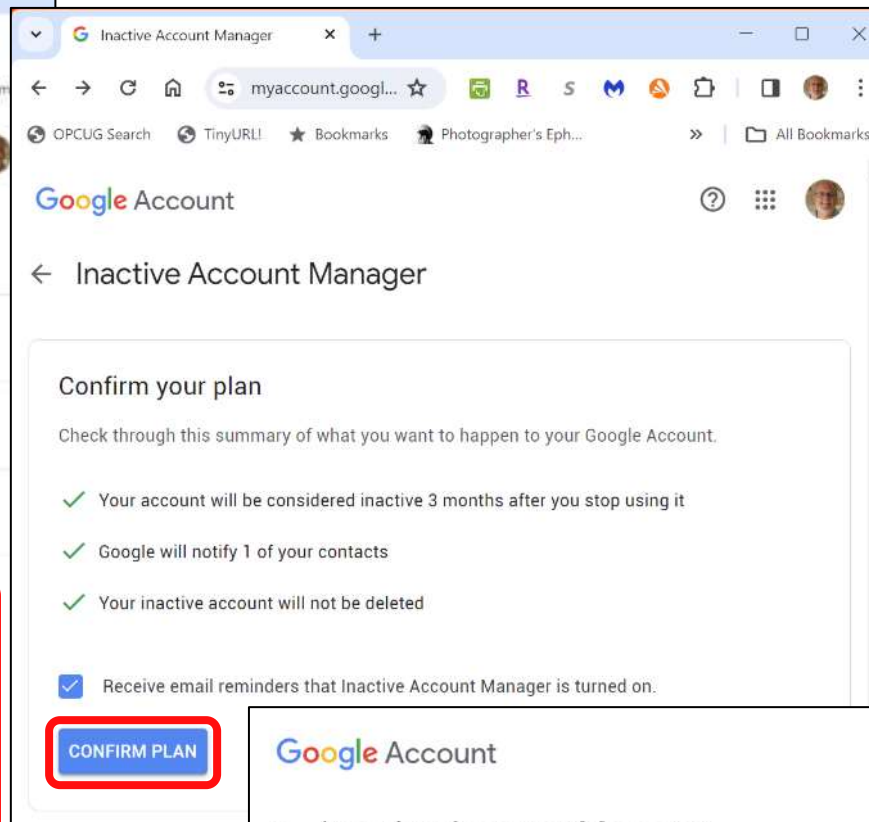
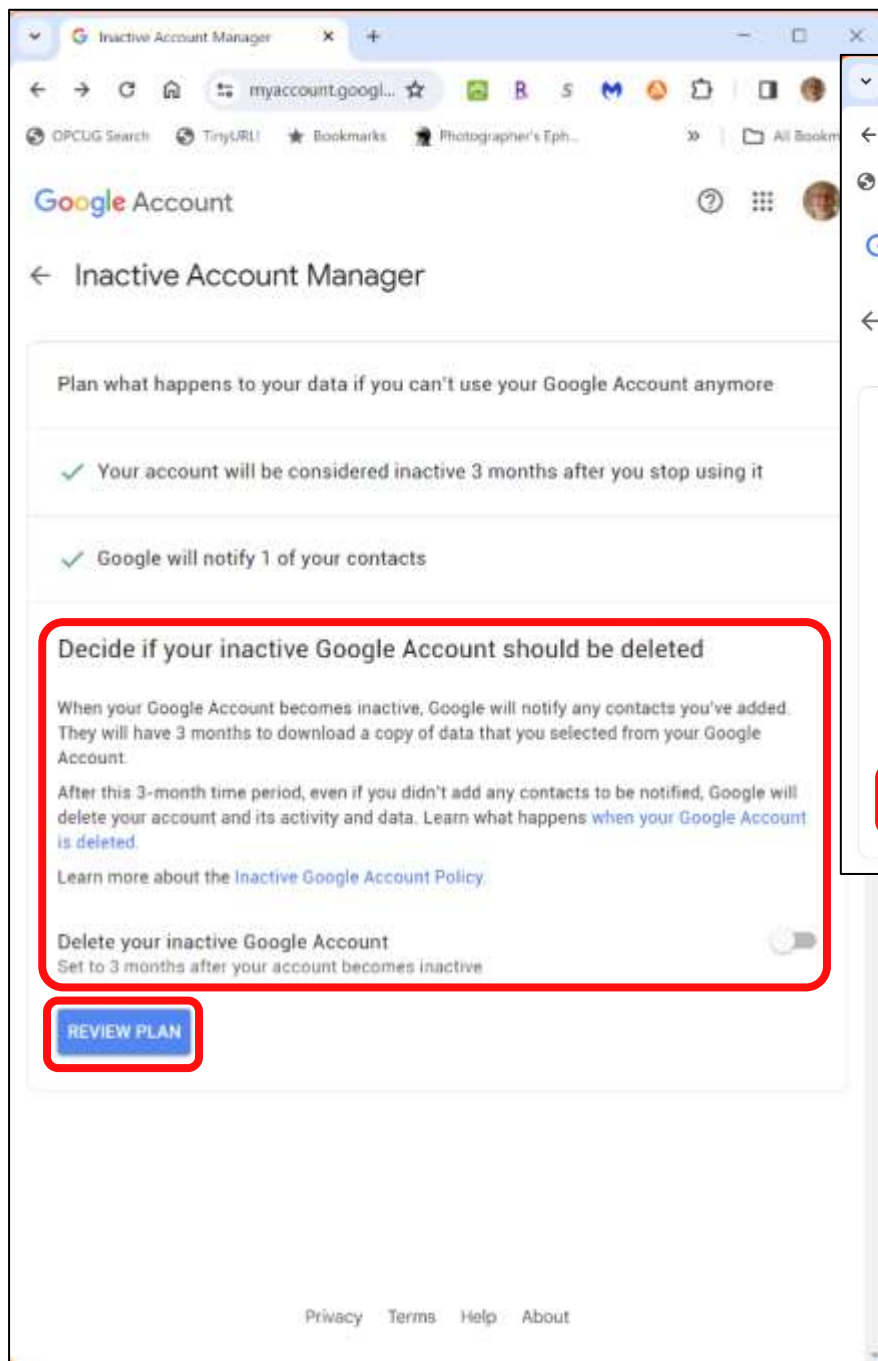
Confirm person to notify

When your account becomes inactive, Google will send an email to SamSpade@PrivateEye.com.

☐ Add a personal message (optional)

CANCEL

SAVE



After completing, the main screen for *Inactive Account Manager* allows:

- toggle reminders
- turn off

Share

SmartApps

- Useful apps for Android smartphones and tablets
- What are your favourites?

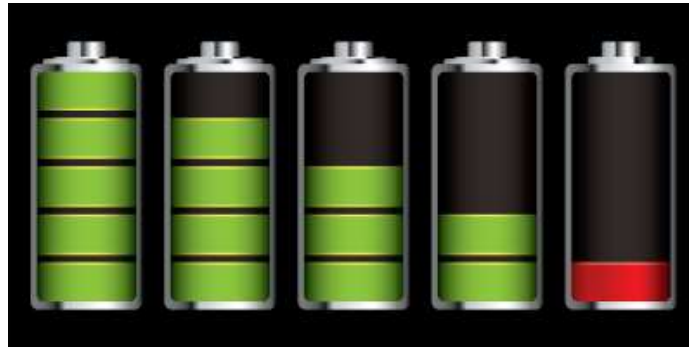


SuggestionBox@opcug.ca

Can also be a program for the PC

Battery Widget for Samsung Lockscreen

- I really missed the circular battery indicator widget that was on my Motorola lockscreen when I bought my Samsung phone
- After months of downloading all kinds of lockscreen and homescreen battery widgets, I was unable to make any of them show on my Samsung lockscreen
- I finally found a simple and open-source lockscreen app that allows me to put any widget on the lockscreen...



Brigitte Lord



Google Play

Games

Apps

Movies & TV

Books

Kids

Lockscreen Widgets and Drawer

Zachary Wander

10K+
Downloads

E
Everyone

\$1.89 Buy



About this app →

A (very) long time ago, Android introduced a feature to allow you to show certain widgets on the lock screen. For some reason, this useful feature was removed with the release of Android 5.0 Lollipop, confining widgets to the home screen only.

While some manufacturers, such as Samsung, have brought back limited versions of lock screen widgets, you're usually limited to the widgets the manufacturer has already created for you....

<https://play.google.com/store/apps/details?id=tk.zwander.lockscreenwidgets>



- It's beautiful in its simplicity
- Just set Lockscreen Widgets to "*never put to sleep*" in battery settings
- Now, I don't have to put on my glasses to see the battery level
- And, I can see the charging progress just by tapping on the phone; I don't even have to pick it up
- Best \$2 I have ever spent!



Share

You wouldn't fall for an online scam...would you?

- Think *you* would never fall for an online scam?
- *Smashing Security* is a long-running weekly podcast with Graham Cluley and Carole Theriault
 - *specifically* on computer security
- Carole recently fell for an online scam
 - her story starts at 18:05 in the podcast
- Don't be too critical of people who are scammed!
 - *it can happen to anyone*



<https://grahamcluley.com/smashing-security-podcast-353/>



**Any other:
Questions
Comments
Shares?**

Armchair travel presentation

Enjoy a winter warmup by attending a photo presentation by Lynda Buske based on multiple trips to **British Columbia**.

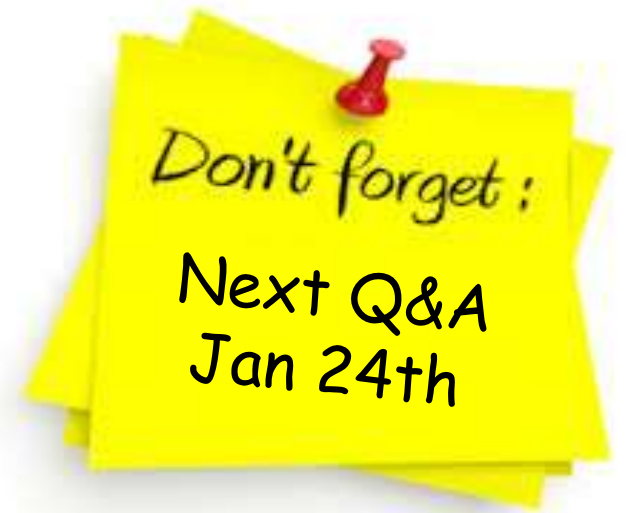
When: **Tuesday, Jan 23 at 7pm EST.**

Where: for Zoom link:

<https://us02web.zoom.us/j/87110632864?pwd=UEdqbHMveGtmd2lwT1hTZUlqVU5ldz09>

or contact Lynda at lbuske@sympatico.ca





**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca