WHEN (NOT IF) YOUR C-DRIVE FAILS

BY:

MARSHALL DUBOIS

HEWIE POPLOCK

BILL CROWE

OR

WHEN YOU GET A NEW COMPUTER

OVERVIEW

- DEFINITIONS AND TERMS
- MANUAL BACKUP
- PROGRAMS ON YOUR COMPUTER
- SUBSCRIPTION SERVICES

DEFINITIONS

DEFINITIONS AND TERMS

- DATA VS SYSTEM.
  - DATA
    - PICTURES
    - DOCUMENTS (IE WORD, EXCEL, POWEPOINT)
    - VIDEOS
    - MUSIC
  - SYSTEM – ALL PROGRAMS AND DATA.

DEFINITIONS AND TERMS

- BACKUP – MAKING A COPY OF THE INFORMATION AT A GIVEN POINT IN TIME.
- SYNC – THE INFORMATION IS THE SAME ON AT LEAST TWO DIFFERENT DEVICES CONTINUOUSLY.
- MANUAL – A BACKUP OR SYNC YOU NEED TO INITIATE.
- AUTOMATIC – A BACKUP OR SYNC THAT HAPPENS WITHOUT YOUR INTERFERENCE.

BACKUP VS SYNC

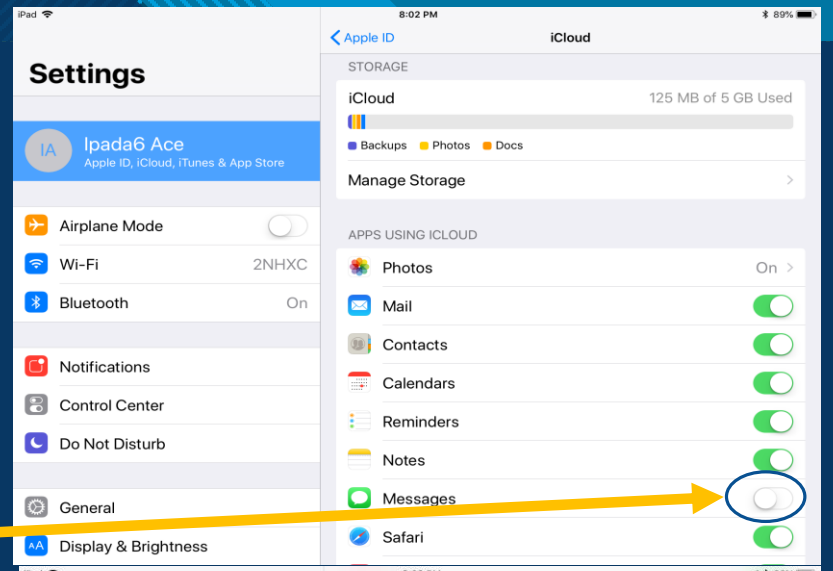
- TO **BACKUP** A FILE – YOU MAKE A COPY OF IT AT A DIFFERENT PLACE.
  - IF YOU CHANGE THE FILE THE **COPY IS NOT CHANGED**
- TO **SYNC** A FILE - YOU MAKE A COPY OF IT AT A DIFFERENT PLACE.
  - IF YOU CHANGE THE FILE THE **COPY IS CHANGED TO MATCH IT.**

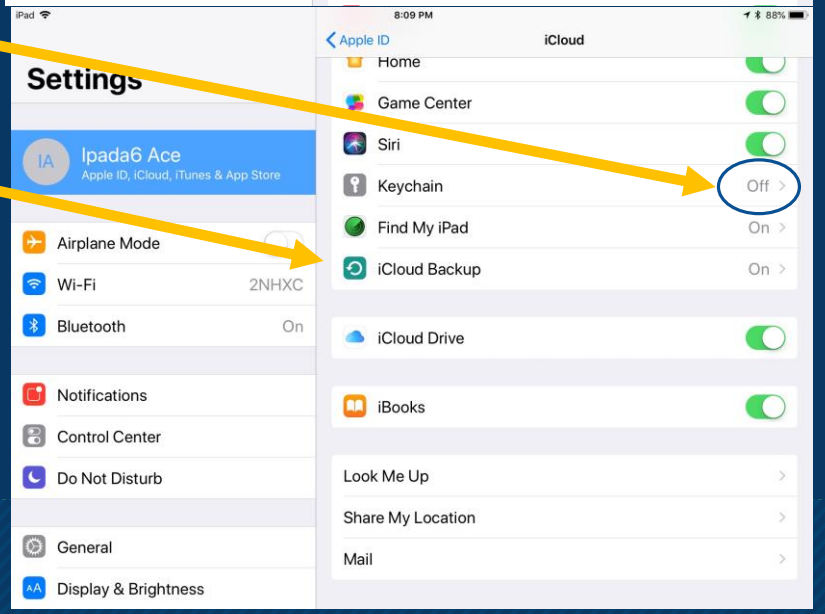
CLONE VS COPY

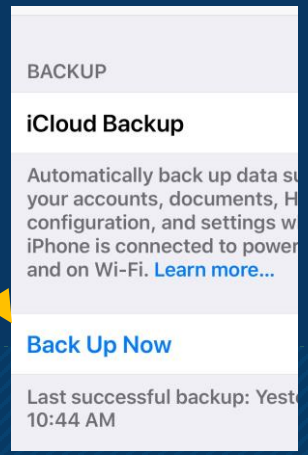
- CLONE – IDENTICAL TWINS – THE ENTIRE SYSTEM ON THE CLONE IS AT THE EXACT LOCATION AS IT IS ON THE MASTER.
  - I MAKE A CLONE AS **REPLACEMENT** FOR THE DISK IN MY COMPUTER
  - IDENTICAL TWINS.
  - A CLONE IS MADE ON THE NEW BLANK DISK BY A SPECIAL PROGRAM
- COPY- ALL THE SYSTEM INFORMATION IS THERE BUT IS ARRANGED DIFFERENTLY
  - I MAKE A COPY SO I CAN PUT A NEW **BLANK** DISK IN MY COMPUTER AND THEN US A PROGRAM TO PUT THE SYSTEM INFORMATION (PROGRAMS AND DATA) ON IT FROM A COPY I MADE.
  - .

BACKUP YOUR IPHONE

- You should back up your smart phone.
- To backup an iPhone or iPad.
  - Turn on the iCloud
    - Settings > name bar > iCloud > turn everything on.
      - Except Messages and keychain
  - Tap iCloud backup
  - Then tap backup now







MANUAL BACK-UP

BY: BILL CROWE

MANUAL BACK-UP

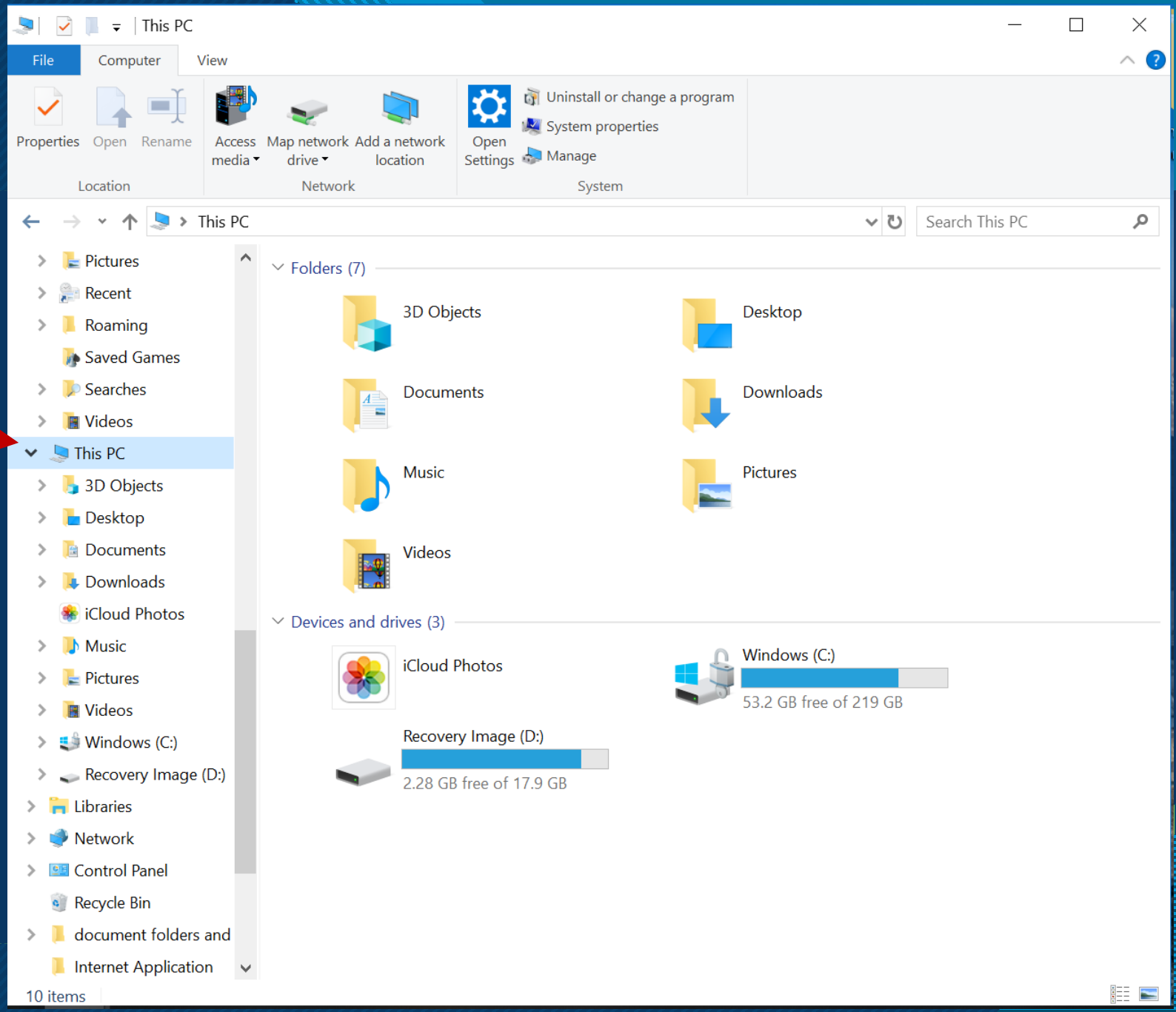
- THIS IS A COPY AND PASTE OPERATION.
- I COPY ALL MY DOCUMENTS, PICTURES, VIDEOS (BE SURE TO GET THE "STUFF" THAT IS ON THE DESK TOP.
  - IT IS IMPORTMANT THAT I PUT ALL MY PICTURES IN THE PICTURES FOLDER AND ALL MY DOCUMENTS IN THE DOCUMENTS FOLDER.

STEP ONE -

- Click on the folders icon on the task bar.

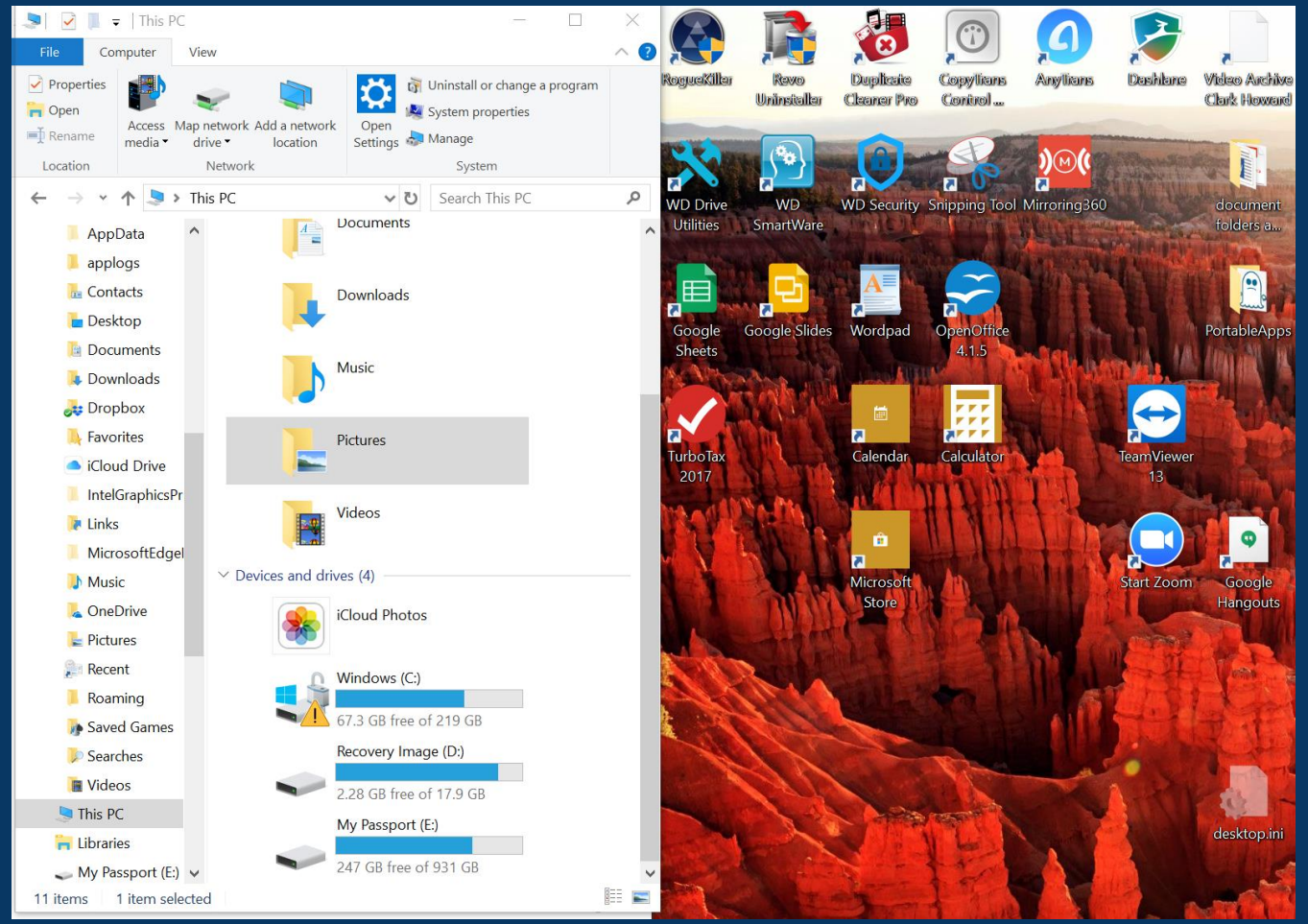
STEP ONE -

- Click on the folders icon on the task bar.
- Click on This PC.



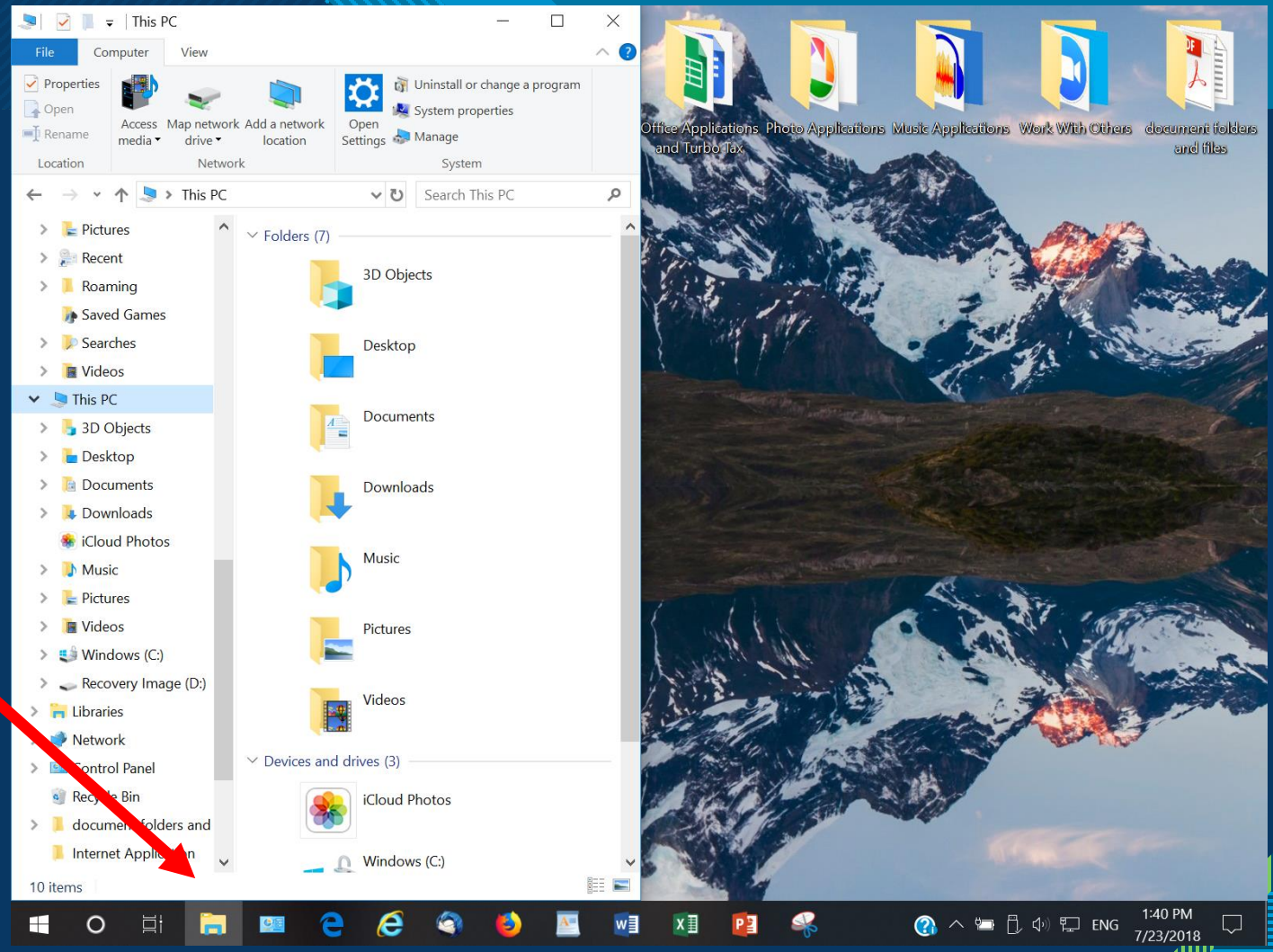
STEP ONE -

- Click on the folders icon on the task bar.
- Click on This PC.
- And resize to half the screen.



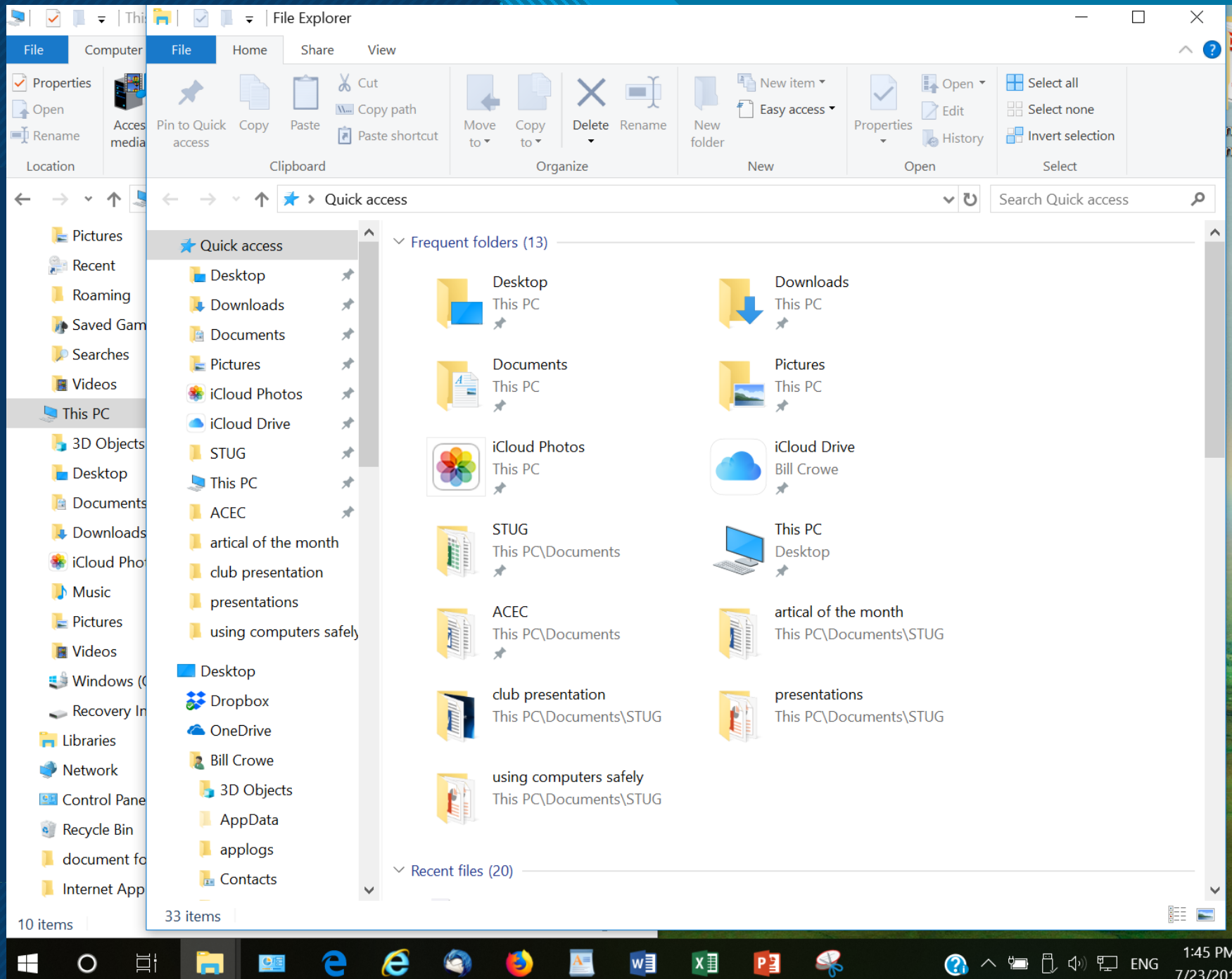
STEP 2

- Right click on the folders icon on the task bar.



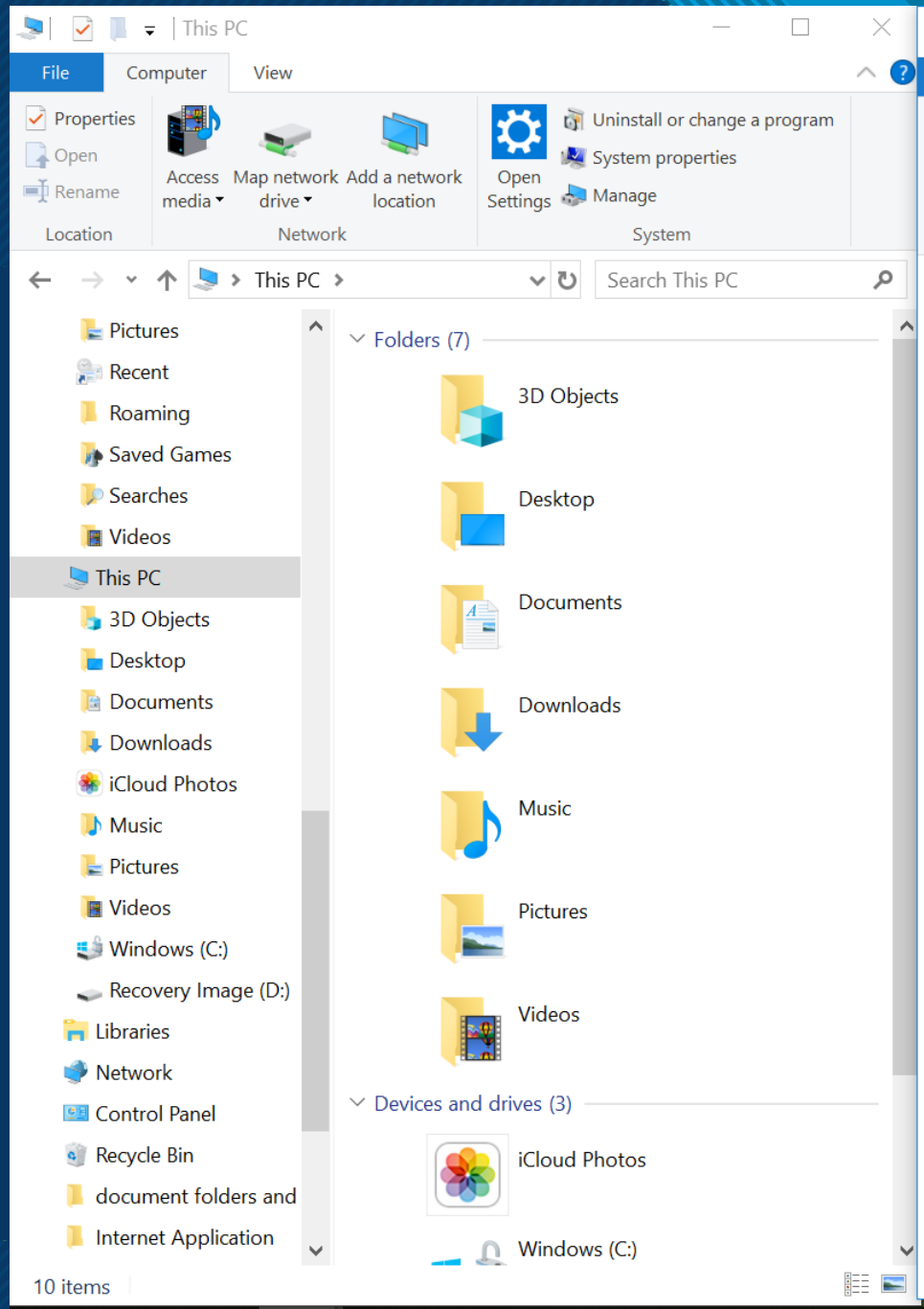
STEP 2

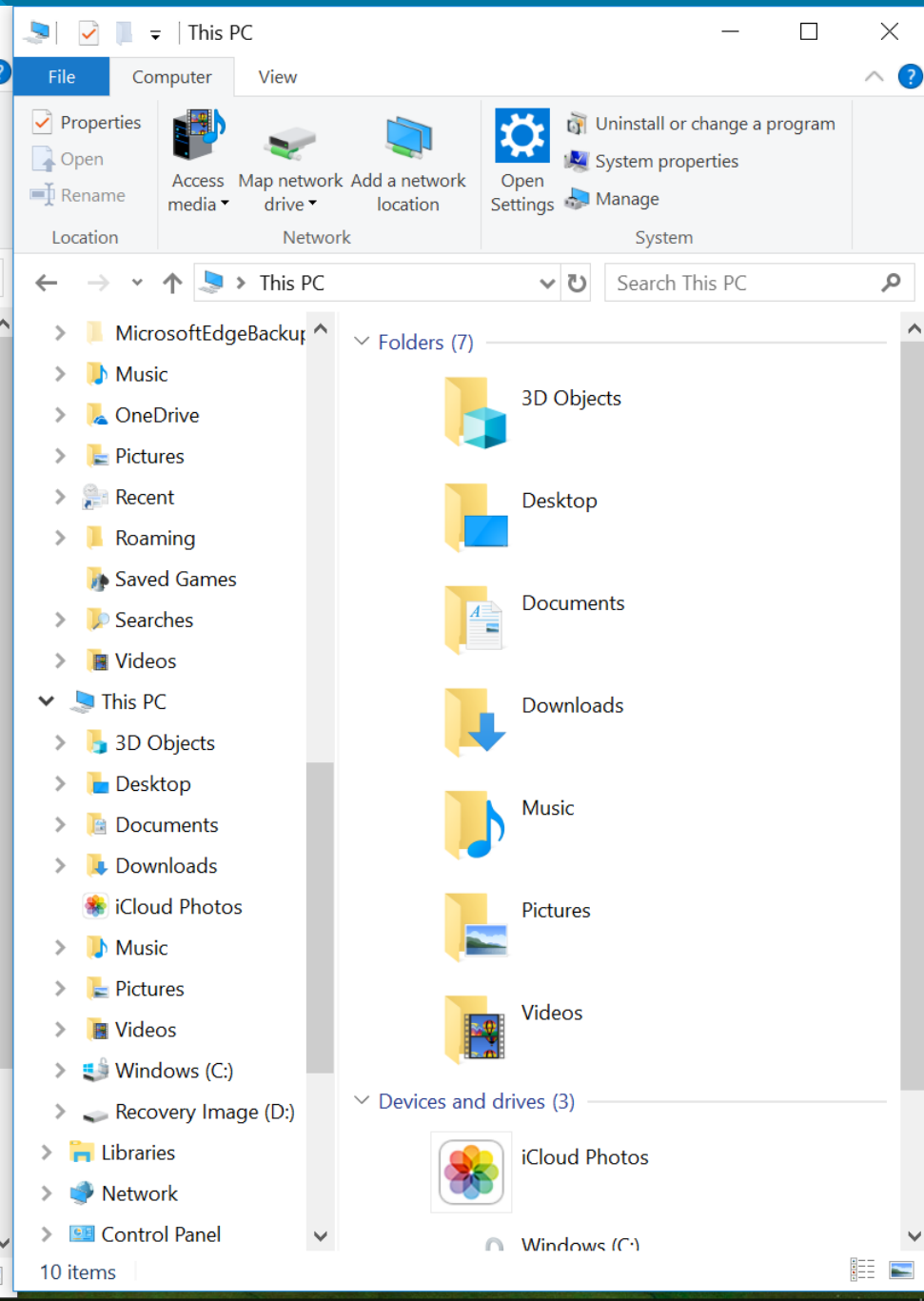
- Right click on the folders icon on the task bar.
- Click on File Explorer.

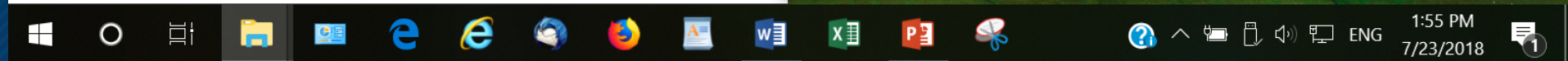


STEP 2

- Right click on the folders icon on the task bar.
- Click on File Explorer.
- Resize to half the screen and put it beside the other half screen.

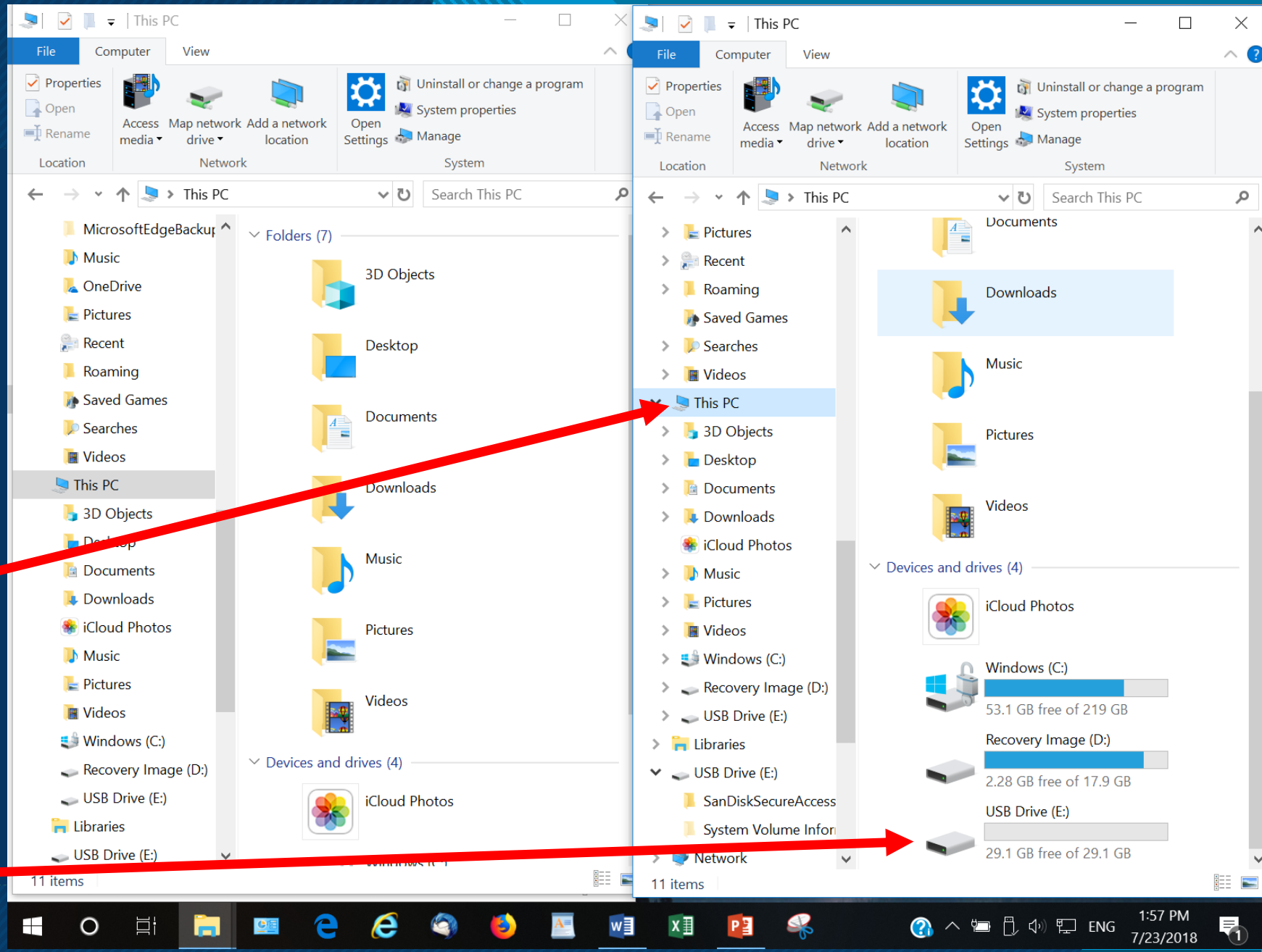






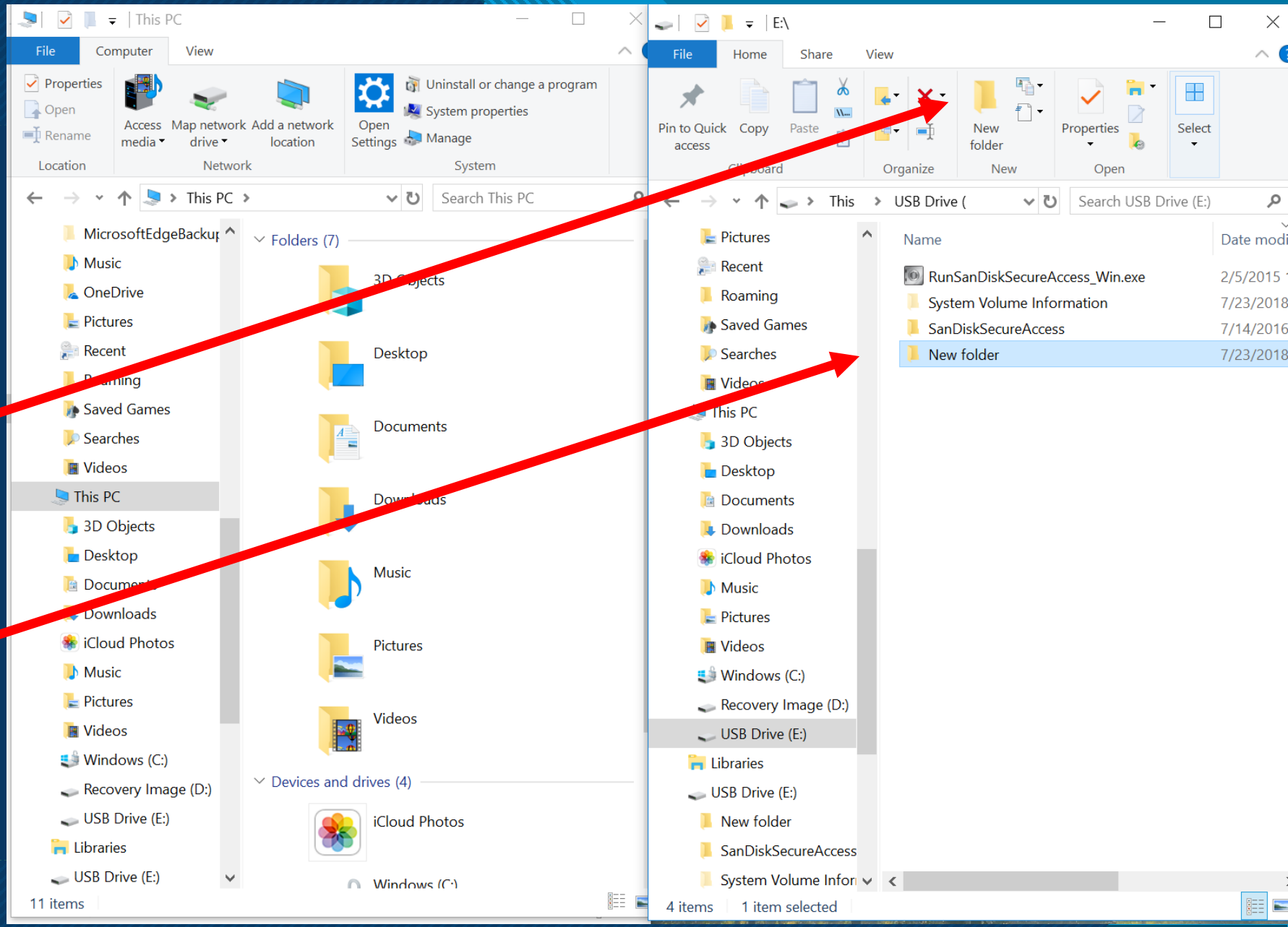
STEP 2

- Right click on the folders icon on the task bar.
- Click on File Explorer.
- Resize to half the screen and put it beside the other half screen.
- Click on this PC
- Select the external device you want to place your data on.



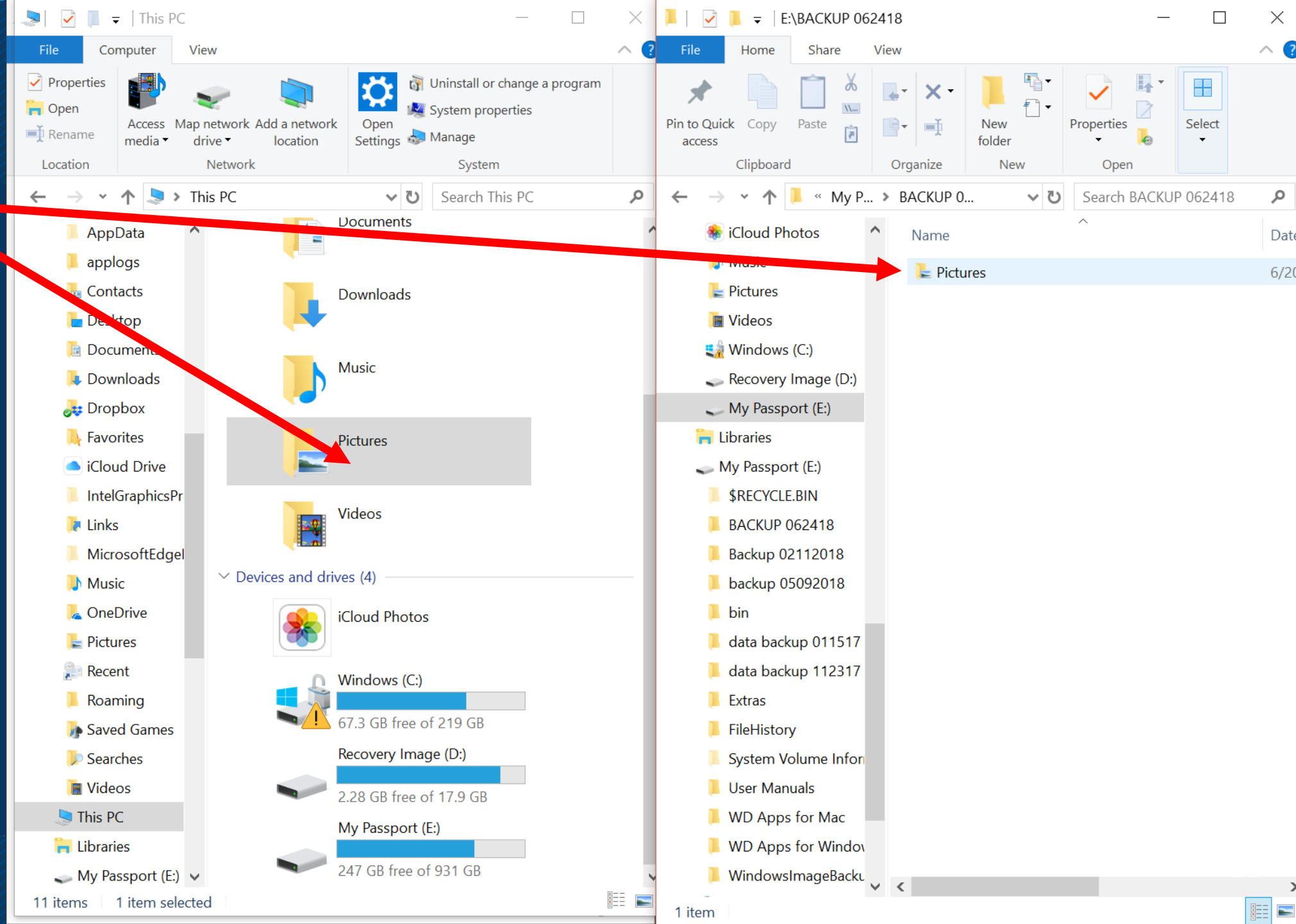
STEP 3

- Create a folder that will contain your backup information.
  - Click on new folder.
  - Enter the name for the backup you are doing.



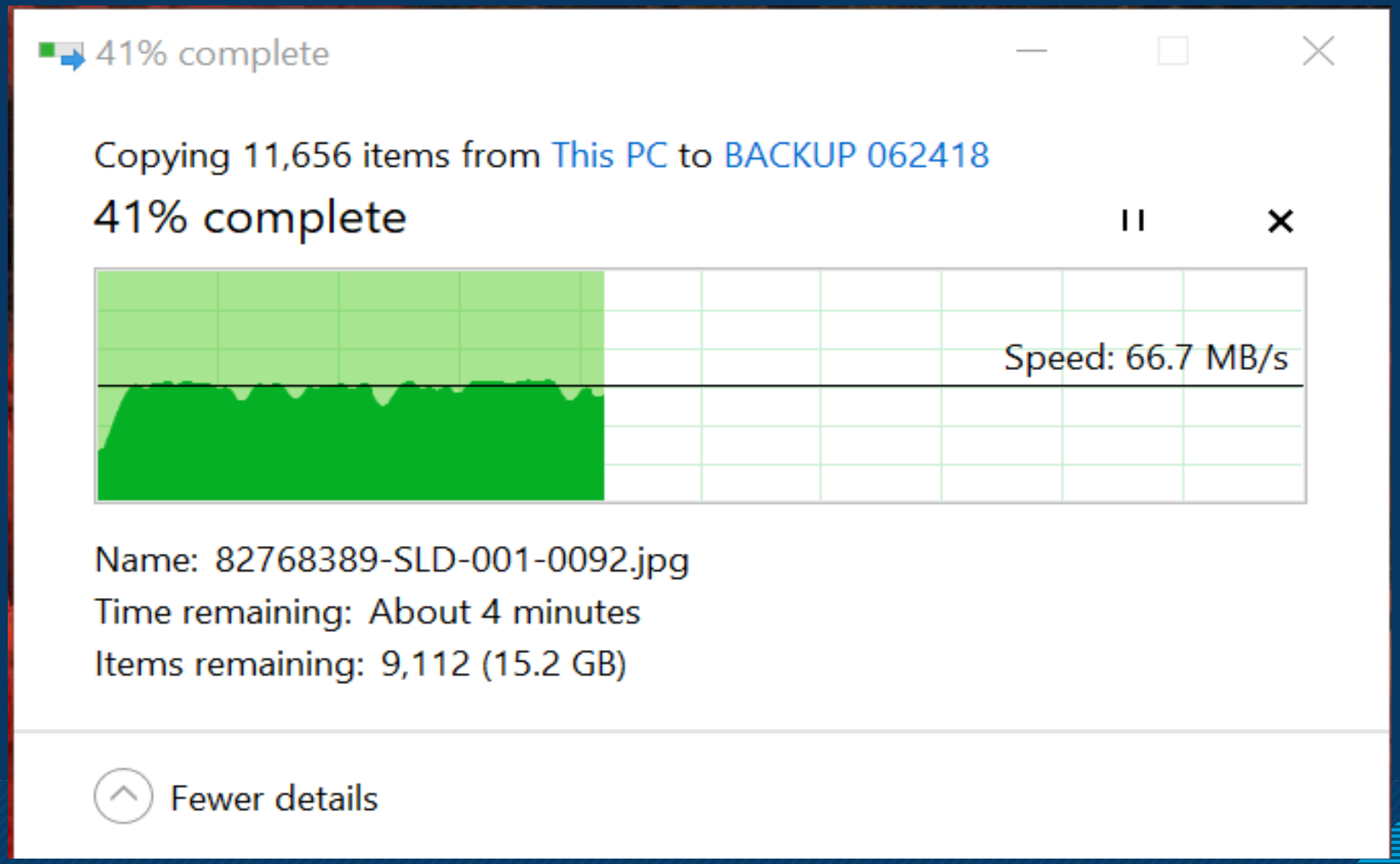
STEP 4

- Right click and drag the folder you wish to copy. (i.e. picture or documents)
- Select “copy here” from the drop down window that will appear.

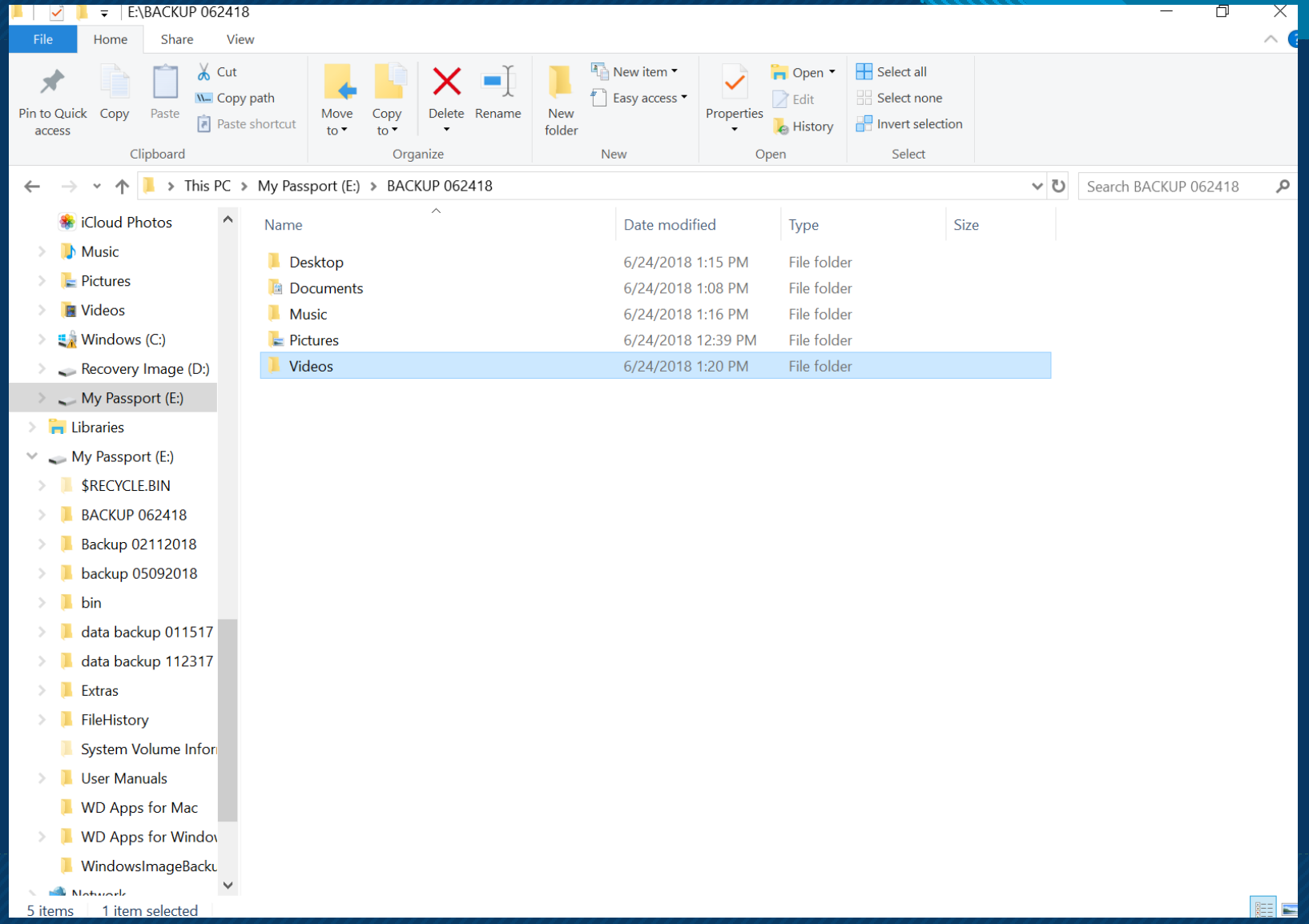


STEP 5

- The progress window will appear



WHEN DONE


E:\BACKUP 062418
File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC
My Passport (E:)
BACKUP 062418
Search BACKUP 062418
iCloud Photos
Music
Pictures
Videos
Windows (C:)
Recovery Image (D:)
My Passport (E:)
Libraries
My Passport (E:)
$RECYCLE.BIN
BACKUP 062418
Backup 02112018
backup 05092018
bin
data backup 011517
data backup 112317
Extras
FileHistory
System Volume Infor
User Manuals
WD Apps for Mac
WD Apps for Windov
WindowsImageBacku
Name
Date modified
Type
Size
Desktop 6/24/2018 1:15 PM File folder
Documents 6/24/2018 1:08 PM File folder
Music 6/24/2018 1:16 PM File folder
Pictures 6/24/2018 12:39 PM File folder
Videos 6/24/2018 1:20 PM File folder
5 items
1 item selected

PROGRAMS ON YOUR COMPUTER

By Marshall DuBois

SYNCHRONIZING… PROGRAMS AND DATA

Dictionary

syn·chro·nize

/ˈsiNGkrəˌnīz/

verb

cause to occur or operate at the same time or rate.
"soldiers used watches to synchronize movements"

- occur at the same time or rate.
  "sometimes converging swells will synchronize to produce a peak"
- adjust (a clock or watch) to show the same time as another.
  "It is now 5:48. Synchronize watches"

Translations, word origin, and more definitions

SYNCRONIZING WITH ANOTHER DEVICE

ALLWAY SYNC (FREE VERSION FOR MODERATE USE)

PRO VERSION - $25.95

The dentist says… “Floss only the teeth you wish to keep.”

Computer professionals say…

“Backup only the data you wish to keep.”

Tuesday & Friday - Data Only
SARASOTA
TECHNOLOGY USERS GROUP
Tuesday - Data only
Friday - Data only
Monthly - Complete

FREE

PAY

FREE OR PAY

Allway Sync
file synchronization that works

Download | Buy Pro | Features | Screenshots | Products | Support | Contact us

Allway Sync 18.4.8

FREE | PC edition | for Windows 10 64-bit

Also compatible with Windows 2000/XP/2003/Vista/2008/7/8/8.1/2012 R2/10

Allway Sync uses innovative synchronization algorithms to synchronize your data between desktop PCs, laptops, USB drives, remote FTP/SFTP and WebDAV servers, various online data storages and more. Data compression and encryption are supported. It combines bulletproof reliability with extremely easy-to-use interface. Allway Sync also can synchronize your PC data with a Mac via Sync Gateway.

Download | Buy Pro

Other platforms and editions » | Release notes »

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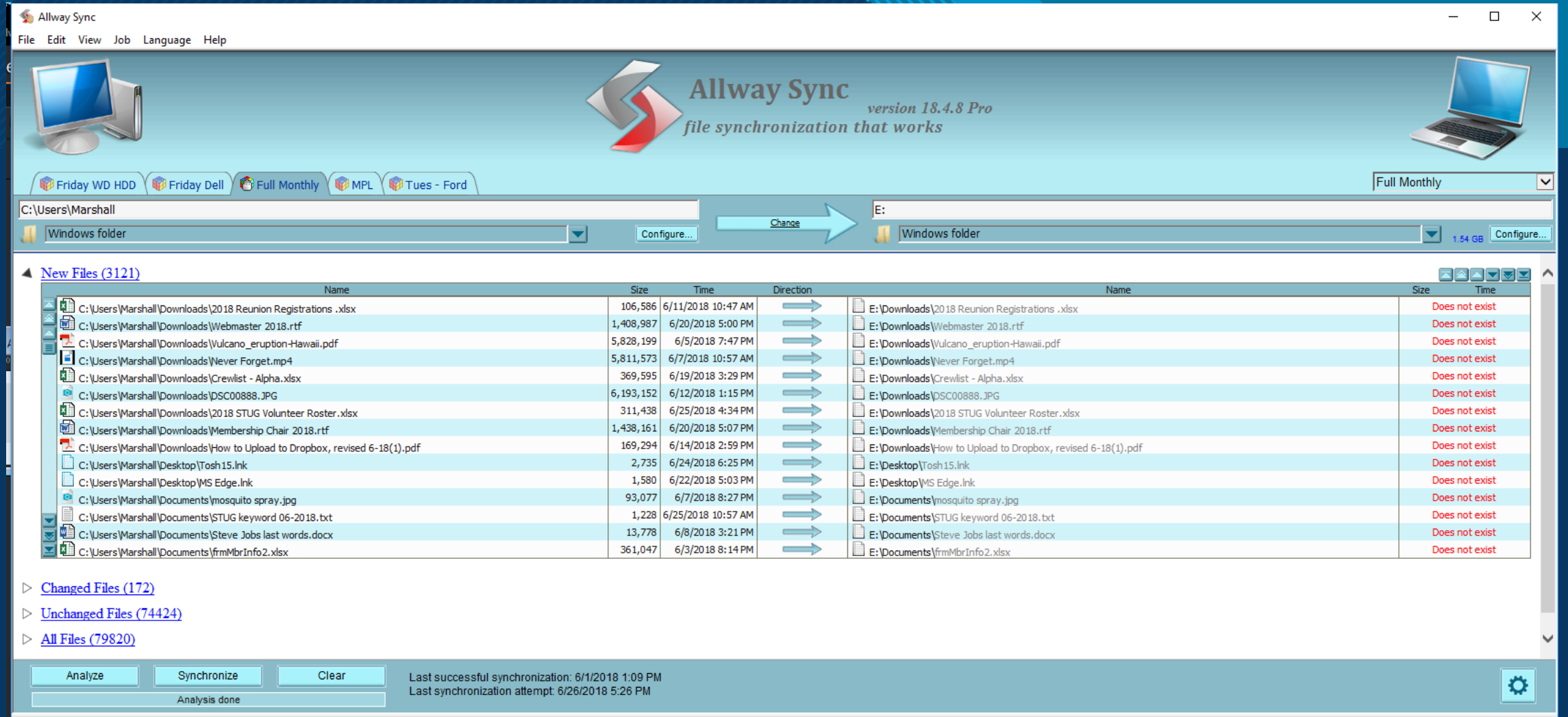
The best way to contact us for any reason whether it's technical or billing question is our Ticket Support System.

You will be notified about our replies by email address specified during registration.

If you prefer an old-style email communication, send us a message to 4info@syncapp.com.

Please make sure any spam-filtering software will allow you to receive a response from us.

Botkind, Inc.
8345 NW 66TH ST #7714
MIAMI, FL 33166
Phone: +1 (703) 531 8768
Fax: +1 (815) 301 2853


Allway Sync
File Edit View Job Language Help
Allway Sync
version 18.4.8 Pro
file synchronization that works
Friday WD HDD
Friday Dell
Full Monthly
MPL
Tues - Ford
Full Monthly
C:\Users\Marshall
Windows folder
Configure...
Change
E:
Windows folder
1.54 GB
Configure...
New Files (3121)
Name Size Time Direction Name Size Time
C:\Users\Marshall\Downloads\2018 Reunion Registrations .xlsx 106,586 6/11/2018 10:47 AM E:\Downloads\2018 Reunion Registrations .xlsx Does not exist
C:\Users\Marshall\Downloads\Webmaster 2018.rtf 1,408,987 6/20/2018 5:00 PM E:\Downloads\Webmaster 2018.rtf Does not exist
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C:\Users\Marshall\Downloads\DSC00888.JPG 6,193,152 6/12/2018 1:15 PM E:\Downloads\DSC00888.JPG Does not exist
C:\Users\Marshall\Downloads\2018 STUG Volunteer Roster.xlsx 311,438 6/25/2018 4:34 PM E:\Downloads\2018 STUG Volunteer Roster.xlsx Does not exist
C:\Users\Marshall\Downloads\Membership Chair 2018.rtf 1,438,161 6/20/2018 5:07 PM E:\Downloads\Membership Chair 2018.rtf Does not exist
C:\Users\Marshall\Downloads\How to Upload to Dropbox, revised 6-18(1).pdf 169,294 6/14/2018 2:59 PM E:\Downloads\How to Upload to Dropbox, revised 6-18(1).pdf Does not exist
C:\Users\Marshall\Desktop\Tosh15.lnk 2,735 6/24/2018 6:25 PM E:\Desktop\Tosh15.lnk Does not exist
C:\Users\Marshall\Desktop\MS Edge.lnk 1,580 6/22/2018 5:03 PM E:\Desktop\MS Edge.lnk Does not exist
C:\Users\Marshall\Documents\mosquito spray.jpg 93,077 6/7/2018 8:27 PM E:\Documents\mosquito spray.jpg Does not exist
C:\Users\Marshall\Documents\STUG keyword 06-2018.txt 1,228 6/25/2018 10:57 AM E:\Documents\STUG keyword 06-2018.txt Does not exist
C:\Users\Marshall\Documents\Steve Jobs last words.docx 13,778 6/8/2018 3:21 PM E:\Documents\Steve Jobs last words.docx Does not exist
C:\Users\Marshall\Documents\frmMbrInfo2.xlsx 361,047 6/3/2018 8:14 PM E:\Documents\frmMbrInfo2.xlsx Does not exist
Changed Files (172)
Unchanged Files (74424)
All Files (79820)
Analyze
Synchronize
Clear
Analysis done
Last successful synchronization: 6/1/2018 1:09 PM
Last synchronization attempt: 6/26/2018 5:26 PM
[6/26/2018 5:26 PM] Synchronization path "E:" is not valid
[6/26/2018 5:26 PM] Analyzing started, job: "Full Monthly"
[6/26/2018 5:26 PM] "Full Monthly" can not be started because less than two synchronization folders are available
[6/26/2018 5:26 PM] Analyzing finished, job: "Full Monthly"
[6/26/2018 5:26 PM] Synchronization path "E:" is not valid
[6/26/2018 5:26 PM] Analyzing started, job: "Full Monthly"
[6/26/2018 5:26 PM] "Full Monthly" can not be started because less than two synchronization folders are available
[6/26/2018 5:26 PM] Analyzing finished, job: "Full Monthly"
[6/26/2018 5:27 PM] Analyzing started, job: "Full Monthly"
[6/26/2018 5:27 PM] Metadata parts obtained for "E:" device
[6/26/2018 5:27 PM] Metadata parts obtained for "C:\Users\Marshall" device

OTHER NATIVE BACKUP SOFTWARE

- Acronis True Image - ($50.00) per year
- EaseUS TODo backup – Free
- Macrium Reflect – Free
- Many of the external Drives also have backup software included.

SUBSCRIPTION SERVICES FOR CLOUD STORAGE

BY

HEWIE POPLOCK

CLOUD SERVICES

- STORAGE
- BACKUP

CLOUD STORAGE

STORING A COPY OF FILES AND FOLDERS ON A CLOUD STORAGE SITE OR DEVICE

Copies of files or folders are kept on a cloud service. If a file is added or deleted on your hard drive, it is added or deleted on the cloud by syncing live , at the next connection, or on a schedule.

Product	IDrive	SugarSync	SpiderOak ONE	Microsoft OneDrive	CertainSafe Digital Safety Deposit Box	Google Drive	Apple iCloud Drive	Box (Personal)	Dropbox
Lowest Price	SEE IT	SEE IT	SEE IT	SEE IT		SEE IT	SEE IT	SEE IT	
Editors' Rating	4.5 EDITORS' CHOICE	3.0	3.5	4.5 EDITORS' CHOICE	4.5 EDITORS' CHOICE	5.0 EDITORS' CHOICE	3.5	4.5 EDITORS' CHOICE	4.0
Emphasis	Backup	Simplicity, Ease of Use	Security	Office Apps	Security	Collaboration	Apple Device Users	Business Use, Compatibility	Compatibility
File Size Limit	2GB	Unlimited	Unlimited	10GB	100GB	5TB	15GB	2GB	Unlimited
Free Storage	5GB	None	2GB	5GB	None	15GB	5GB	10GB	10GB
Online Editing	—	—	—	✓	—	✓	✓	—	—
File Versioning	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows App	✓	✓	✓	✓	—	✓	✓	✓	✓
iOS App	✓	✓	✓	✓	—	✓	✓	—	✓
Android App	✓	✓	✓	✓	—	✓	—	—	✓
Read Review	IDrive Review	SugarSync Review	SpiderOak ONE Review	Microsoft OneDrive Review	CertainSafe Digital Safety Deposit Box Review	Google Drive Review	Apple iCloud Drive Review	Box (Personal) Review	Dropbox Review

EXAMPLES OF CLOUD STORAGE

- MICROSOFT ONEDRIVE
- APPLE iCLOUD
- GOOGLE DRIVE
- DROPBOX
- BOX

WORTH NOTING

FREE STORAGE

- ONEDRIVE – 5gb
- GOOGLE DRIVE – 15gb
- DROPBOX – 2gb
- iCLOUD – 5gb

RATES FOR MORE SPACE

ONEDRIVE - 50gb – 1.99/MO OR 1tb WITH OFFICE 365

GOOGLE DRIVE – 100gb – 1.99/MO OR 1tb 9.99/MO

DROPBOX – 1tb 9.99/MO

iCLOUD - 50gb - 0.99/MO - 200gb - 2.99/MO - 2tb - 9.99/MO

CLOUD BACKUP

BACKING UP A DRIVE IMAGE OR A COPY OF FILES AND FOLDERS ON A CLOUD BACKUP SITE OR DEVICE

Online backup services work much like traditional backup software. With an online backup service, however, your important data is transmitted over the internet and securely stored on a server in a professional data center.

	IDrive	Acronis True Image 2018	SOS Online Backup	BACKBLAZE	CARBONITE	OneBackup	livedrive	OpenDrive	Norton Online Backup	mozy
Lowest Price	SEE IT	SEE IT	SEE IT	SEE IT		SEE IT	SEE IT	SEE IT	SEE IT	
Editors' Rating	●●●●◐ EDITORS' CHOICE	●●●●○ EDITORS' CHOICE	●●●●○ EDITORS' CHOICE	●●●◐○	●●●◐○	●●●◐○	●●●○○	●●●○○	●●◐○○	●●◐○○
Storage	2TB	250 GB	100 GB	Unlimited	Unlimited	1TB	Unlimited	500GB	25 GB	50GB
Free Storage	5GB	None	None	None	None	2GB	None	5GB	None	2GB
#of Computers	Unlimited	1	5	1	1	Unlimited	1	1	5	3
Disk Backup	✓	✓	✓	✓	✓	✓	—	—	—	✓
File Sharing	✓	✓	✓	✓	—	✓	✓	✓	✓	—
Explorer Menu	✓	—	—	—	✓	✓	—	✓	—	✓
Folder Syncing	✓	—	✓	—	—	✓	✓	✓	—	✓
Version Period	Unlimited	6 Months	Unlimited	30 Days	90 Days	Unlimited	Unlimited	Unlimited	90 Days	30 Days
Local Backup	✓	—	✓	✓	—	✓	—	—	—	✓
Read Review	IDrive Review	Acronis True Image Review	SOS Online Backup Review	Backblaze Review	Carbonite Review	SpiderOak ONE Review	Livedrive Review	OpenDrive Review	Norton Online Backup Review	MozyHome Review

EXAMPLES OF CLOUD BACKUP

- CARBONITE
- iDrive
- ACRONIS TRUE IMAGE
- BACKBLAZE
- NORTON ONLINE BACKUP

WORTH NOTING

SOME CLOUD SERVICES:

CAN BE BOTH BACKUP & STORAGE - iDRIVE & iCLOUD

LIMIT TO 1 COMPUTER PER ACCOUNT

ALLOW LOCAL BACKUP

REQUIRE ADDIONAL FEE FOR MORE STORAGE

THANK YOU

QUESTIONS?