Microsoft

Microsoft Ignite

Microsoft

The Windows 10 tips you wish you knew last week: Disk space edition

Alexander Solaat Rødland
Senior Consultant

This session is NOT for:

Nimbus Data's 100TB ExaDrive Is the World's Largest SSD

The ExaDrive DC100 offers enough storage space for '20 million songs, 20,000 HD movies, or 2,000 iPhones worth of data.'

By Angela Moscaritolo March 20, 2018 10:37AM EST

This session IS for:

Microsoft

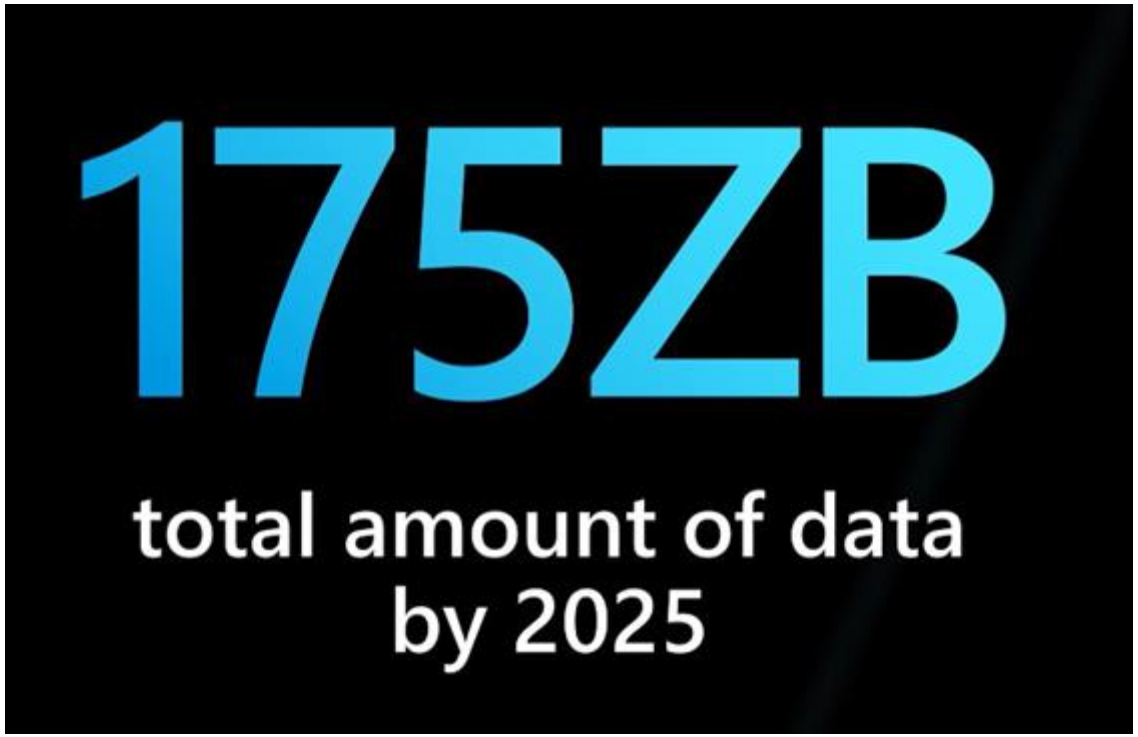
What's in it for *me*?

This session will give you

- Free tools to consider
- A new way of thinking storage
- Reflect on your existing structure

Why storage?

Decimal		
Value	Metric	
1000	kB	kilobyte
1000^2	MB	megabyte
1000^3	GB	gigabyte
1000^4	TB	terabyte
1000^5	PB	petabyte
1000^6	EB	exabyte
1000^7	ZB	zettabyte



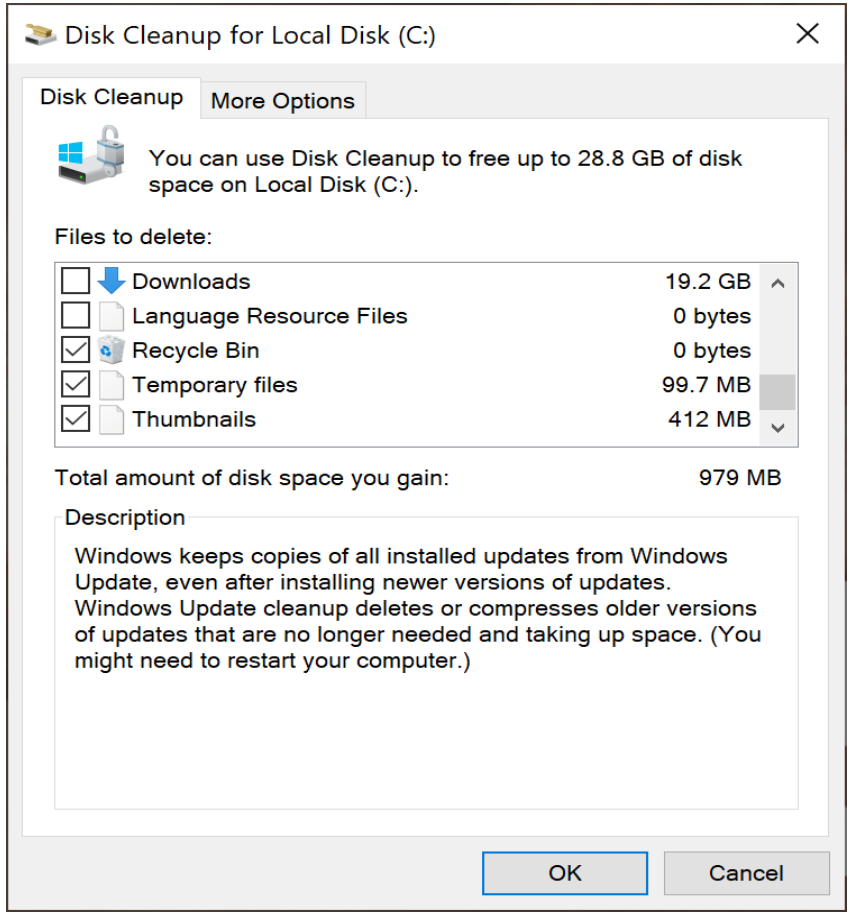
Why storage?

Isilon F800 – 230Tb – 1300 watt

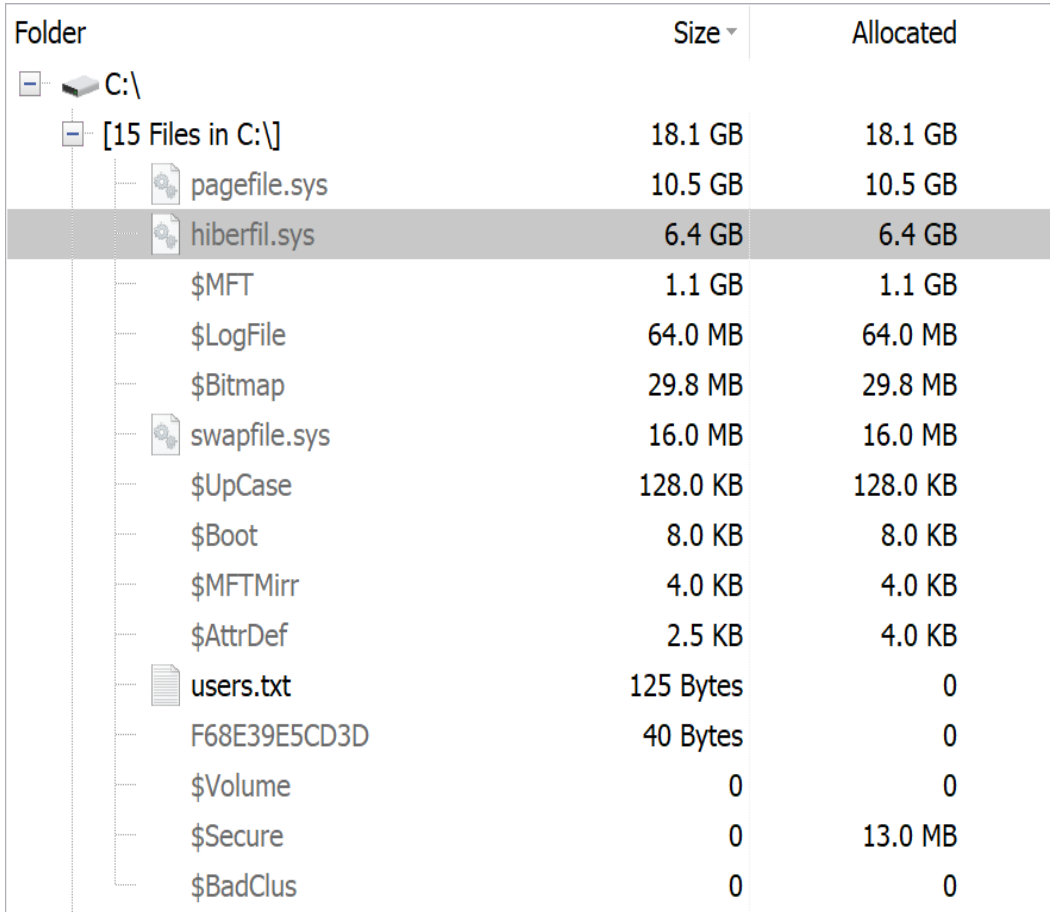
EV – 0,14kwh/km

https://www.dellemc.com/resources/en-us/asset/data-sheets/products/storage/h15963-ss-isilon-all-flash.pdf

Built-in



- **Disk Cleanup**

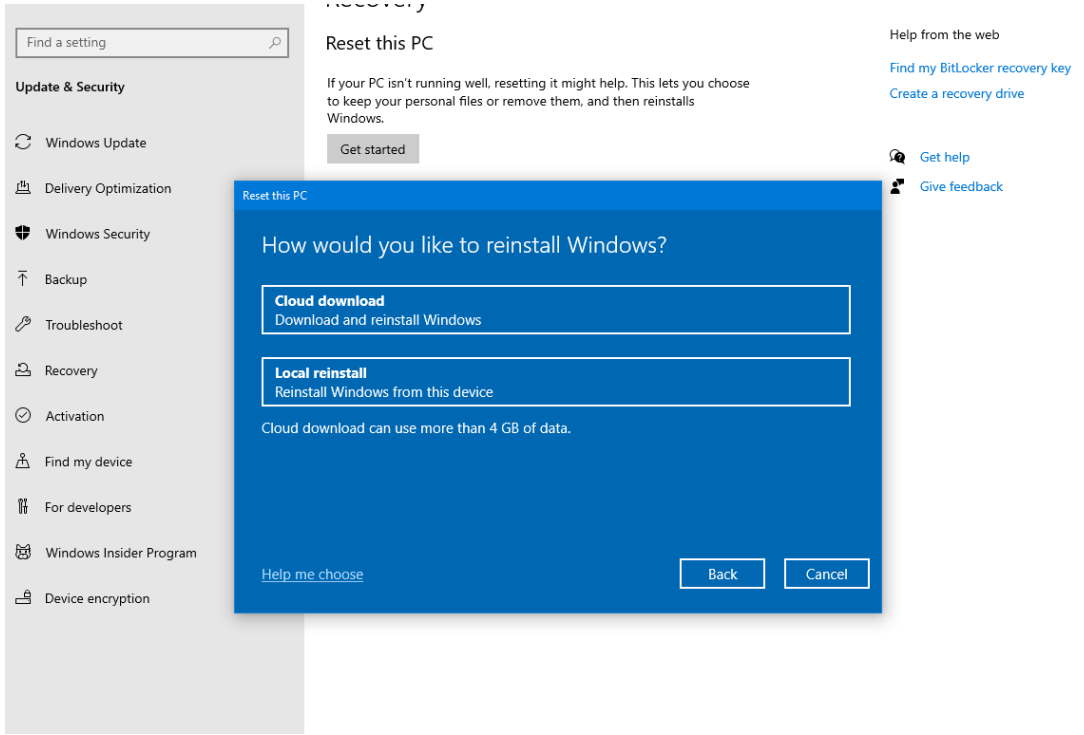


- **Powercfg /h off**

Demo

- Sageset
- Sagerun
- Disk Cleanup

Power of the cloud



Recovery

A blue cloud icon next to a OneDrive file or folder indicates that the file is only available online. *Online-only files* don't take up space on your computer. You see a cloud icon for each online-only file in File Explorer, but the file doesn't download to your device until you open it. You can't open online-only files when your device isn't connected to the Internet.

When you open an online-only file, it downloads to your device and becomes a *locally available file*. You can open a locally available file anytime, even without Internet access. If you need more space, you can change the file back to online only. Just right-click the file and select "Free up space."

With Storage Sense turned on, these files will become online-only files after the time period you've selected.

Only files that you mark as "Always keep on this device" have the green circle with the white check mark. These *always available files* download to your device and take up space, but they're always there for you even when you're offline.

Files on-demand

https://www.microsoft.com/en-us/software-download/windows10

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Download Windows 10

Windows 10 May 2019 Update

The Update Assistant can help you update to the latest version of Windows 10. To get started, click **Update now**.

Update now

Privacy

Create Windows 10 installation media

To get started, you will first need to have a license to install Windows 10. You can then download and run the media creation tool. For more information on how to use the tool, see the instructions below.

Download tool now

Privacy

Power of the cloud

https://www.microsoft.com/en-us/software-download/windows10

Configuring Files on-demand

Three registry settings;

HKCU:\SOFTWARE\Microsoft\OneDrive\EnableADAL

HKLM:\SOFTWARE\Policies\Microsoft\OneDrive\SilentAccountConfig

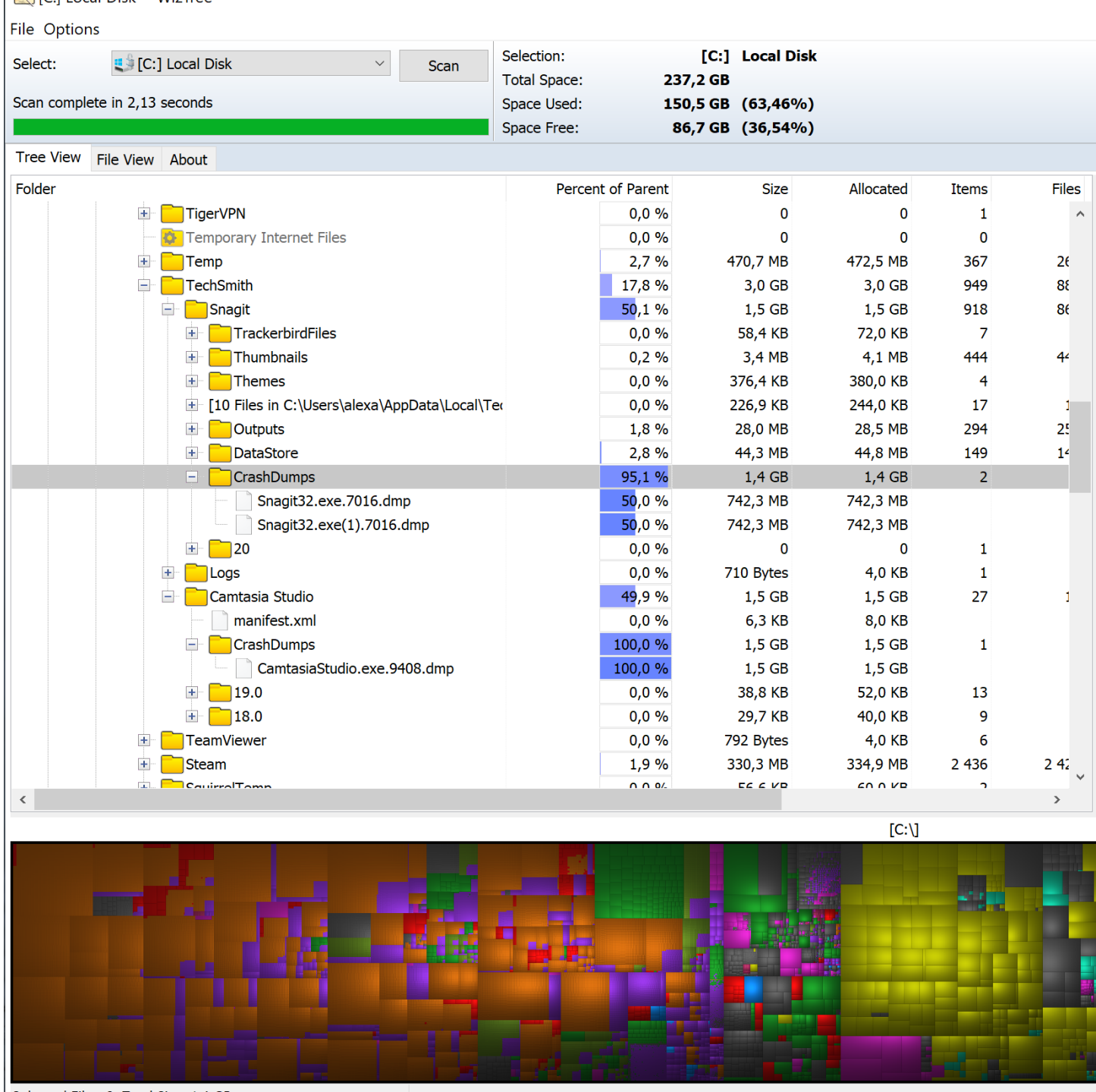
HKLM:\SOFTWARE\Policies\Microsoft\OneDrive\FilesOnDemandEnabled

https://osddeployment.dk/2017/12/18/how-to-silently-configure-onedrive-for-business-with-intune/

Wiztree

- Where is the jackpot?
- Hidden folders
- The hunt for easter eggs

https://antibody-software.com/



Demo

Wiztree

Driverstore

- Obsolete drivers
- New drivers with issues
- Don’t we all love that printer?

https://github.com/lostindark/DriverStoreExplorer/

Demo

PNPutil

RAPR

Demo

Storage

Thank you

Please remember the eval

…and tomorrows session;
THR2037 – Mobile worker edition