Windows 10 Version 20.04

Latest Features and Upgrades

Windows 10 introduced in July 2015 so five years of steady upgrades

Terry Rooney

July 8, 2020

Working Toward Password-less Login with Windows Hello

- There are several ways to sign-in to your Microsoft account without needing a password
- The best is Windows Hello Face
    - Requires a high resolution camera, not regular camera
    - Microsoft has a list of cameras suitable, just do a search
- Next best is Windows Hello Fingerprint (need fingerprint scanner)
- Next best is Windows Hello Pin (usually 6 digits, can have letters)
    - Pin is very secure because it never goes on the internet
- Login with Security Device (not as convenient)
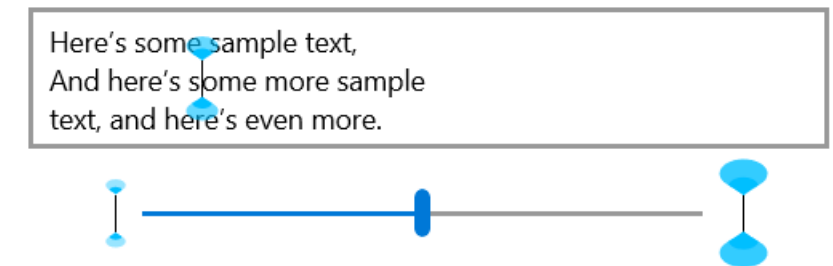
Other Enhancements

- Windows Search has improvements
  - Now searches your apps, documents, web

- Cortana has been updated and enhanced
  - Cortana is now a separate application
  - You can type in queries with keyboard
  - Or you can speak to Cortana after you turn on microphone (Win + C)

- Cursor text enhancement in Ease of Use settings

- Mouse settings in Ease of Use are now quicker
  - Change size and color; other adjustments

Use text cursor indicator

Turn on text cursor indicator

Off

Change text cursor indicator size

Here's some sample text,
And here's some more sample
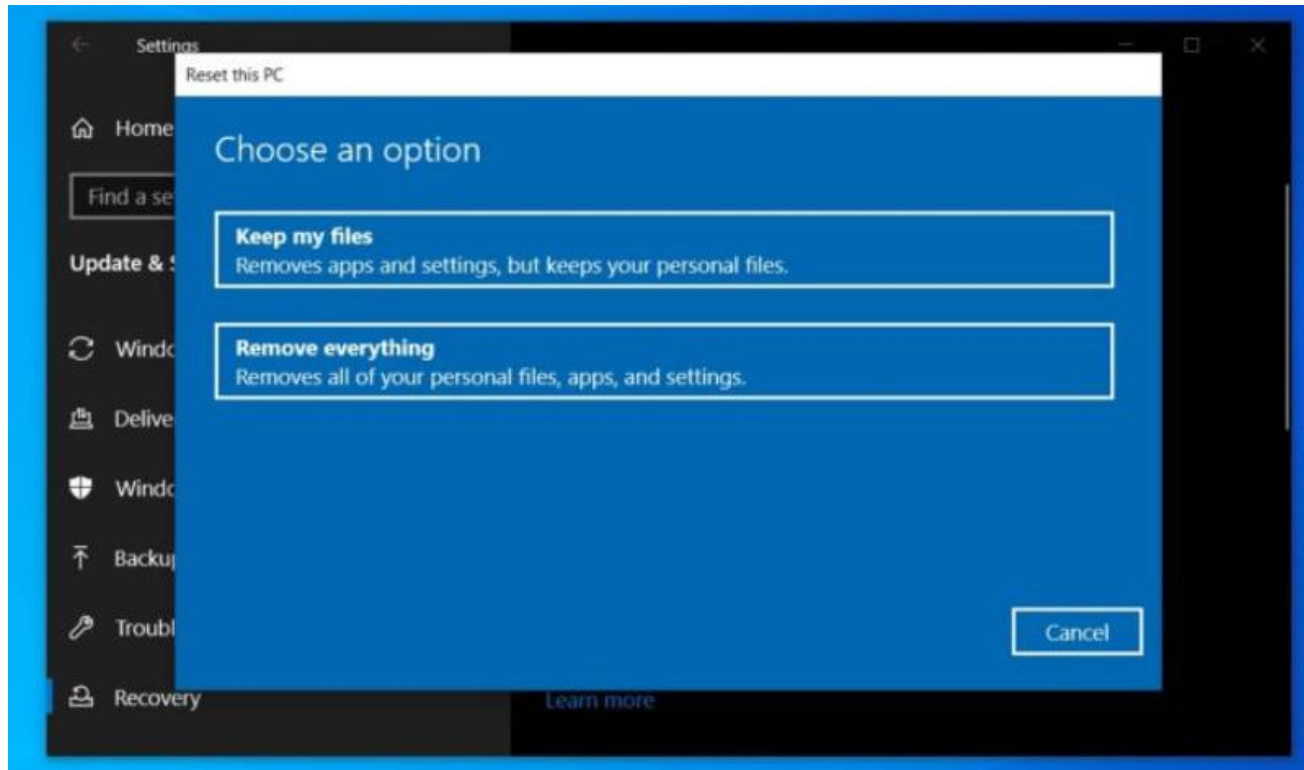text, and here's even more.

Suggested text cursor indicator colors

More Enhancements

- Pause Updates in Windows Update
    - You can pause for 7 days if you are not sure
    - If your computer might have issues, Microsoft will pause automatically

- Notepad wraps text, supports text zooming

- Snip and Sketch (Windows + Shift + S)

- Reset this PC has been improved
    - Many choices for doing it including clean installation of Windows

Cloud Recovery for Windows 10

- If you need to do a system recovery (in Settings, Update and Security, Recovery):

- Cloud Recovery installs totally fresh Windows 10
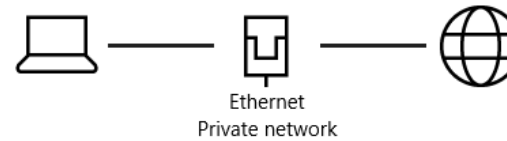
- You can keep your files or remove everything

Even More Enhancements

- Switch from light mode to dark mode
    - Go to Personalization, Colors
    - Some users think Dark Mode is cool and makes the display "pop"
- Add emoji from keyboard
    - Windows logo key PLUS period
    - Try it and you'll find hundreds of new items

New Network Status page

Virtualization

- Windows Sandbox
  - You can turn on Sandbox in Windows features
  - A program running in a Sandbox can not be contaminated
- Windows Subsystem for Linux
  - For Power Users who want to have Linux (Unix) on their Windows computer without having to install a separate version like Ubuntu or Mint
- Windows Virtual Desktop (WVD)
  - When you hit Task View you can start other completely separate desktops
  - For example maybe have one desktop where you have all your photo editing
  - Perhaps another desktop for your viewing of streaming shows

Backup Choices: So Many Choices!

- File History (new in Windows 8 and 10)
  - Just plug in a flash drive or USB external hard drive ($50.00)
  - Select the drive to use; it's automatic
- Backup and Restore (Windows 7)
  - Older backup solution ported from Windows 7
  - Can also create a System Image; in case computer hard drive fails you have an exact replica of your hard drive
  - You can also backup computer files individually
- Cloud-Based Backup (Microsoft One Drive built into Windows 10)
  - 5 GB free from Microsoft; 1 TB with Office 365
  - Log into your One Drive account, then right click on icon and follow directions

Microsoft Edge Chromium browser

- Edge browser developed for Windows 10 has been TOTALLY enhanced
- "If you can't beat 'em, then join 'em."
- Edge is now based on the Chromium Open Source foundation
- Chromium is a free and open source software project funded by Google
- Any organization can use open source software
- Now the Edge browser, Opera, Vivaldi, and Brave browser join Google Chrome
- These browsers are not identical but share many characteristics

Advantages for Microsoft and Us

- Uses a browser foundation which is highly developed and robust
- Many of the extensions developed for Chrome will most likely work in Edge
- Netflix 4K is now available on Edge Chromium
- The "battle of the browsers" has returned, like in 1995 when it was Internet Explorer and Mozilla (which became Firefox)
- You can have multiple browsers so try Edge Chromium in addition to Google Chrome, Firefox, Opera, etc.
- Just type Edge Chromium into search engine and install it