





Windows 10 - What's new (and IMPORTANT) for 2018 and beyond!

- Sami Laiho

WHOAMI /ALL

Sami Laiho

Senior Technical Fellow

adminize.com

- IT Admin since 1996
- MCT since 2001 (MCT Regional Lead – Finland)
- MVP in Windows OS since 2011
- Specializes in and trains:
 - Troubleshooting
 - Security
 - Centralized Management
 - Active Directory
 - Hacking
 - Penetration testing
 - Social Engineering
- Trophies:
 - Best External Speaker (non-Microsoft) at Ignite 2017
 - NIC 2016, 2017 - Best Speaker
 - Best Sessions (#1 and #2) at TechTalks 2017, Helsinki
 - Best Session at AppManagEvent 2017, Utrecht
 - TechDays Sweden 2016 – Best Speaker
 - Ignite 2015 – Best male presenter ;) (#2 out of 1000 speakers)
 - TechEd Europe and North America 2014 - Best session, Best speaker
 - TechEd Australia 2013 - Best session, Best speaker



I got Certs



1,2 kg of
them

TODISTUS



**Certificate of
Excellence
2009**

**Microsoft
CERTIFIED
Trainer**

SAMI LAIHO

Has successfully completed the requirements to be recognized
as a **Microsoft Certified Trainer**

Certified since 2000

Signed by

David A. Huxley
David A. Huxley
Chief Executive Officer, Microsoft Corporation

SALTER

1164

Max 5000g x 1g/Max 11lb x 0.1oz

ON-OFF

ML-FL.OZ

ZERO

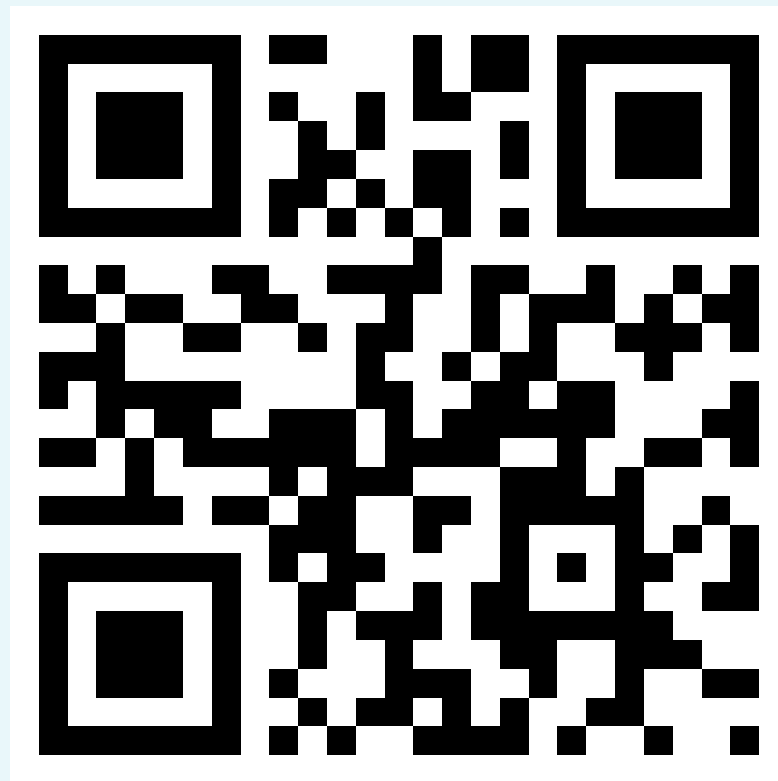
G-OZ

Windows XP Deep Dive in 2001



Contact

- sami@adminize.com
- Twitter: @samilaiho
- Blog: <http://blog.win-fu.com/>
- Free newsletter:
<http://eepurl.com/F-GOj>
- My trainings:
 - <https://win-fu.com/ilt/>
 - <https://win-fu.com/dojo/>



NIC

A few things to learn about Finnish

A lesson in Finnish

The Finn is a person of few words.

English	Finnish
Excuse me, I didn't quite catch what you were saying.	Täh?
Sorry for bumping into you like that. So terribly clumsy of me.	Oho
It's you! How lovely to see you!	Mitä jätkä!
How are things with you?	No mitäs?
Excuse me, may I just disturb you for a second?	Hei
Could I have a cup of coffee, please?	Kahvi
I respectfully disagree with your interpretation of the scenario at hand.	Vitut





Festarinautintoa ei haittaa edes raekuuro.



1709

I promised to show what's new...But...

What's gone!?

- 3D Builder app
- Enhanced Mitigation Experience Toolkit (EMET)
- IIS 6 Management Compatibility
- IIS Digest Authentication
- Microsoft Paint
- Outlook Express
- Reader app
- Reading List
- Resilient File System (ReFS)
- RSA/AES Encryption for IIS
- Screen saver functionality in Themes
- Sync your settings
- Syskey.exe
- System Image Backup (SIB) Solution
- TCP Offload Engine
- TLS RC4 Ciphers
- Trusted Platform Module (TPM) Owner Password Management
- Trusted Platform Module (TPM): TPM.msc
- Trusted Platform Module (TPM) Remote Management
- Windows Hello for Business deployment that uses System Center Configuration Manager
- Windows PowerShell 2.0

Now to the what's really important

OneDrive!

- It works!! 😊

<input type="checkbox"/> Name	Status	Date modified	Type
_VIP	✓	11/01/2018 14.51	File folder
Adminizer	✓	07/11/2017 9.10	File folder
Applications	☁	07/11/2017 12.41	File folder
Asiakirjat	✓	07/11/2017 9.10	File folder
BitLocker	✓	07/11/2017 20.58	File folder
Desktop	✓	29/01/2018 13.32	File folder
Documents	↻	28/01/2018 19.19	File folder
Email attachments	☁	07/11/2017 9.09	File folder
Favorites	✓	07/11/2017 9.57	File folder
JEMMA	☁	09/11/2017 21.51	File folder
KurssilaisillePUBLIC	✓	17/01/2018 19.24	File folder
Matti Laiho Oy	✓ ⚠	07/11/2017 9.10	File folder
Mummi ja Ukki	✓ ⚠	07/11/2017 9.10	File folder
Music	✓	10/01/2018 6.38	File folder
Outlook	✓	13/11/2017 7.48	File folder
Pictures	✓	28/01/2018 9.41	File folder
PicturesFAMILY	☁ ⚠	07/11/2017 10.46	File folder
SkyDriven kameran kuvat	✓	30/01/2018 16.07	File folder
Suosikit	☁	30/11/2017 18.28	File folder
Videos	✓	10/01/2018 6.38	File folder
VideosFAMILY	☁ ⚠	30/11/2017 16.09	File folder
lumin synde kutsut.docx	✓	20/02/2017 16.11	Microsoft Word D...

Windows Autopilot

- Autopilot and Provisioning Packages can really change the way we work – Or the way we don't have to work 😊
- Still expensive though...

Taking care of drivers

- Windows 10, version 1709 includes Kernel-Mode Driver Framework (KMDF) version 1.23 and User-Mode Driver Framework (UMDF) version 2.23.
- 1709 changes the way DMA-protection works ☹️
 - Karma... Karma... Karma...

Windows 10 Subscription Activation

- Windows 10 Subscription Activation lets you deploy Windows 10 Enterprise in your organization with no keys and no reboots using a list of subscribed users

Windows Automatic Redeployment

- IT Pros can use Windows Automatic Redeployment to quickly remove personal files, apps, and settings

Windows Update for Business (WUfB)

- It will now (REALLY) allow you to decide yourself how you upgrade and when!!
- **SURPRISE!! IT DOESN'T WORK!!!**

Windows Insider Program for Business

- You can now register your Azure AD domains to the Windows Insider Program

MDM

- Expanded for Domain Joined devices
- A lot more to manage!

Mixed Reality

- I think Microsoft has provided this all the time...

Mixed Reality Apps

This version of Windows 10 introduces [Windows Mixed Reality](#). Organizations that use WSUS must take action to enable Windows Mixed Reality. You can also prohibit use of Windows Mixed Reality by blocking installation of the Mixed Reality Portal. For more information, see [Enable or block Windows Mixed Reality apps in the enterprise](#).

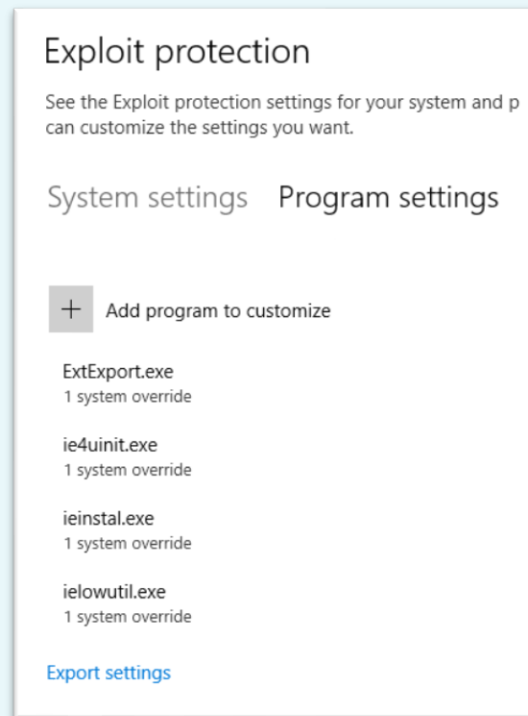
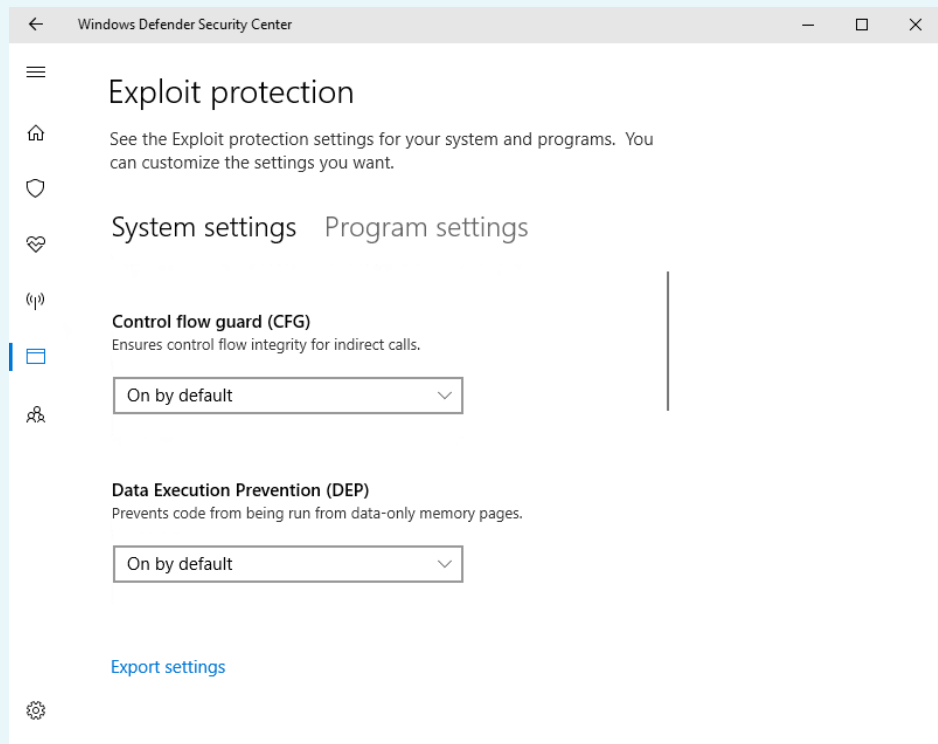
Kiosk Configuration

- More than one app!

Windows Defender Application Guard

- Windows DAG
 - A new public holiday?

Windows Defender Exploit Guard



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Windows Defender Device Guard

- AppLocker on Steroids!

Windows Information Protection

- At some point this will really be important...

Windows Analytics

- Device Health is cool
- More important is the Analytics Data Viewer

No SMBv1

- Disabled by default
- As is the famous Browser-service

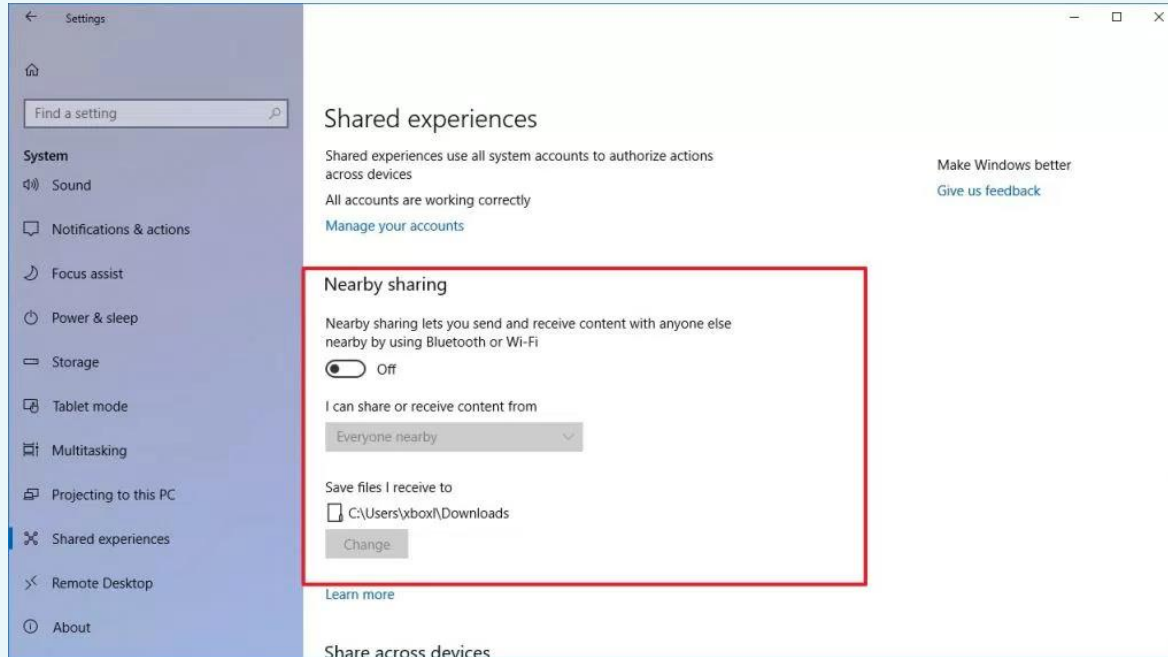


1803

77 new things currently

No Homegroup

Nearby Sharing



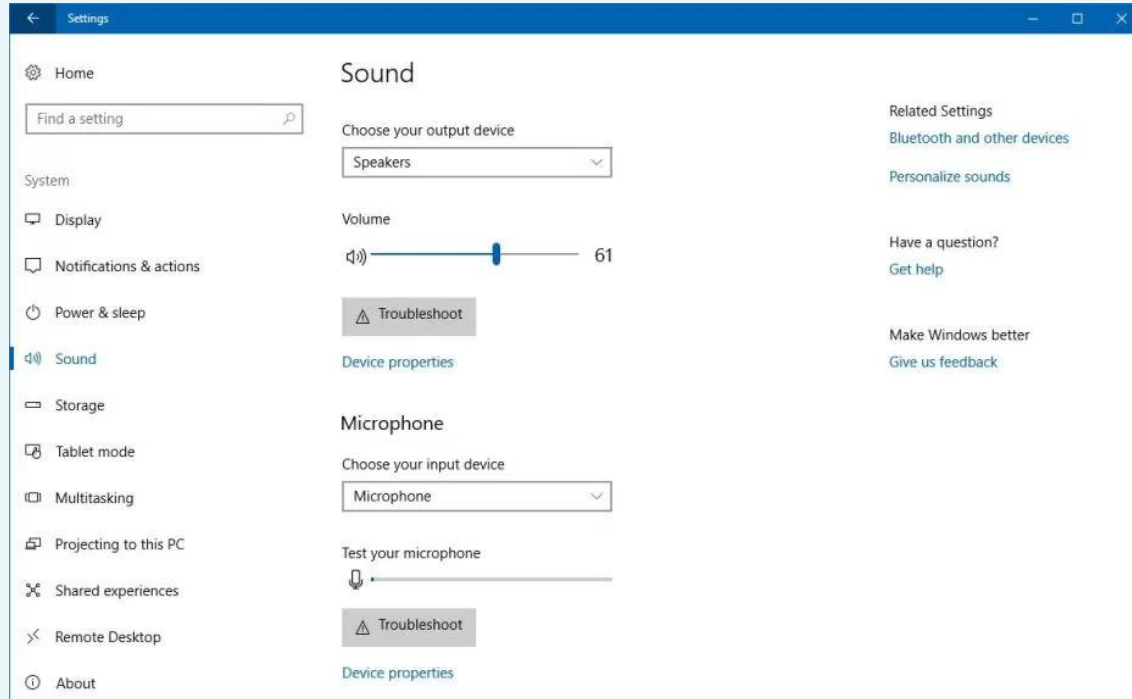
Timeline



Windows Hello

- Available on the lock screen

Settings App





Find a setting



Apps

Apps & features

Default apps

Offline maps

Apps for websites

Video playback

Startup

Startup

Startup Apps

Apps can be configured to start when you log in. In most cases apps will start minimized or may only start a background task.

Sort by: Name

✓ Name

Status

Startup impact

eDrive

poration

s Core Service

☒ On

High impact

☒ On

High impact

☒ On

Low impact



Windows Defender notification icon

Microsoft Corporation

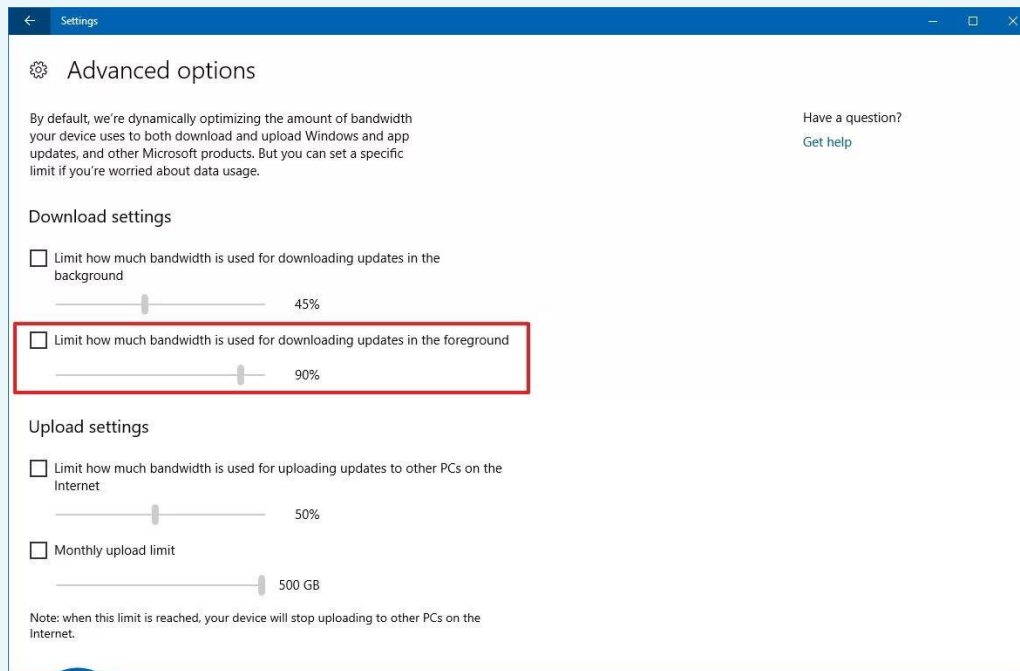
Have a question?

[Get help](#)

Make Windows better

[Give us feedback](#)

Windows Update



Windows Security

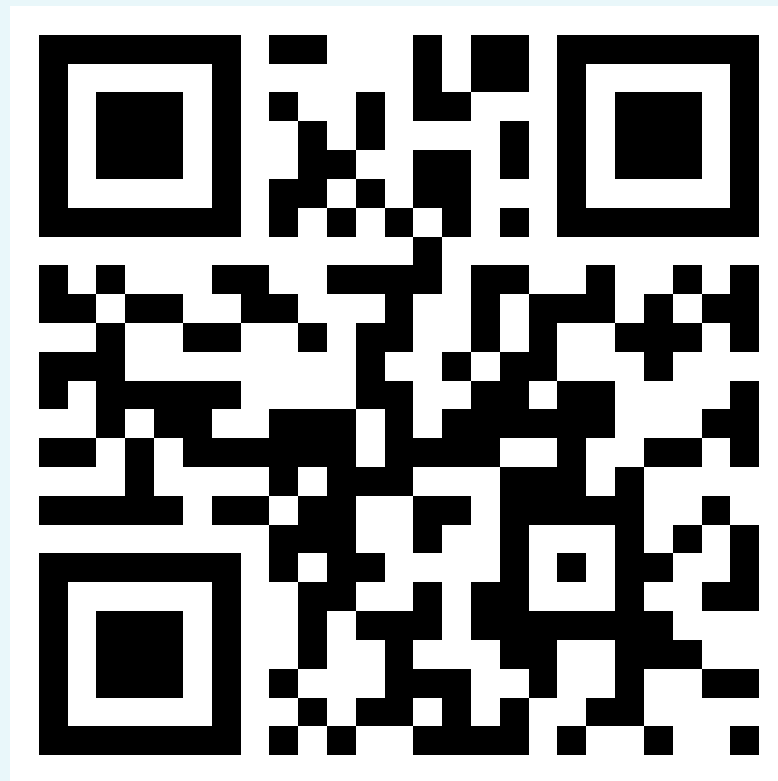
- The Run-dialog supports ctrl+shift+enter!!!!

Windows Subsystem for Linux (WSL)

- WSL on Windows 10 can now run mixed instances (elevated and not elevated) of Linux, and it's possible for process to run in the background even after the console is closed.

Contact

- sami@adminize.com
- Twitter: @samilaiho
- Blog: <http://blog.win-fu.com/>
- Free newsletter:
<http://eepurl.com/F-GOj>
- My trainings:
 - <https://win-fu.com/ilt/>
 - <https://win-fu.com/dojo/>



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