Microsoft

DEVICIE

Demystifying Windows Updates

Microsoft

DEVICIE

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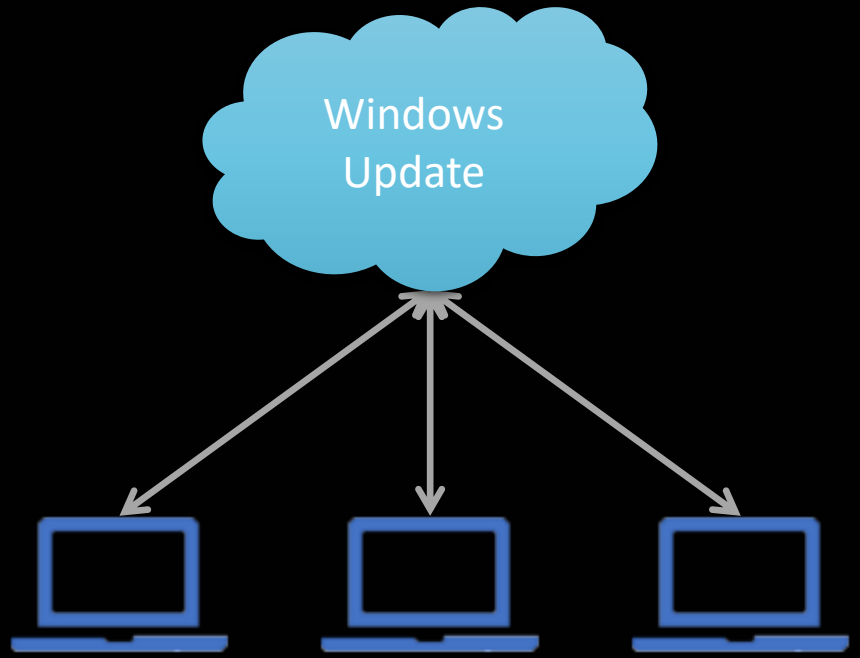
Agenda

- WU x WUfB x WUfB DS
- Rings, Expedite, Feature and Drivers
- Tips and Tricks
- WUFB Reports
- Q&A

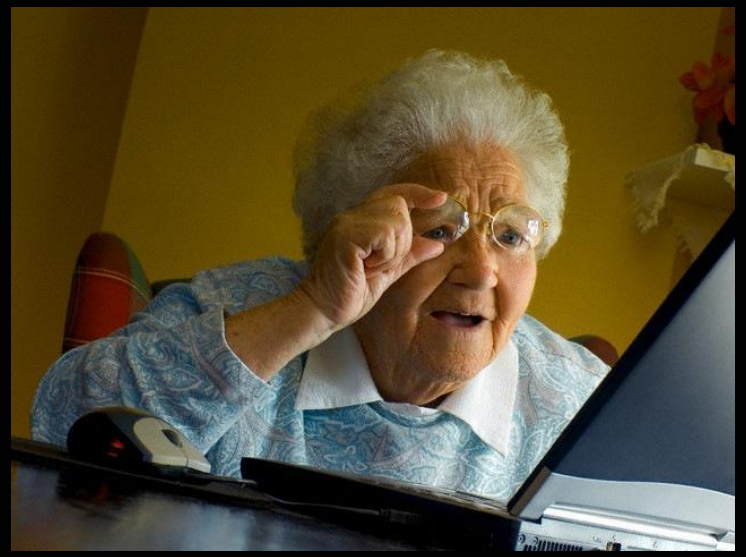
WU x WUfB x WUfB DS

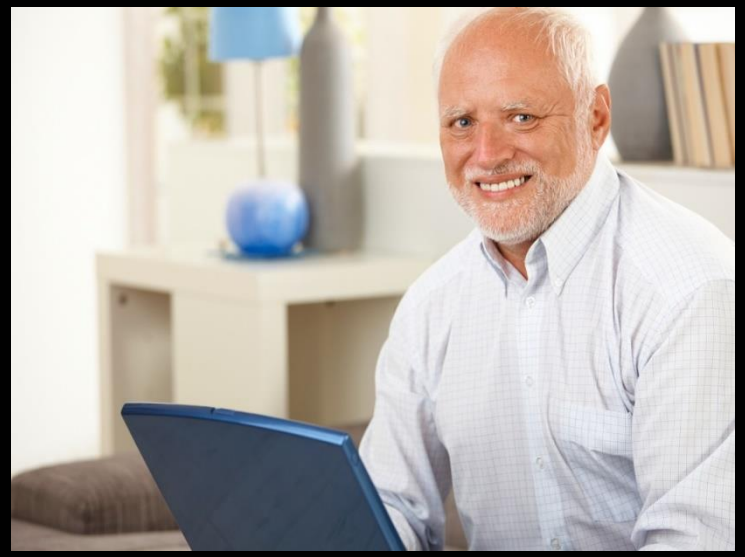
Windows Update (WU)

Architecture Windows Update



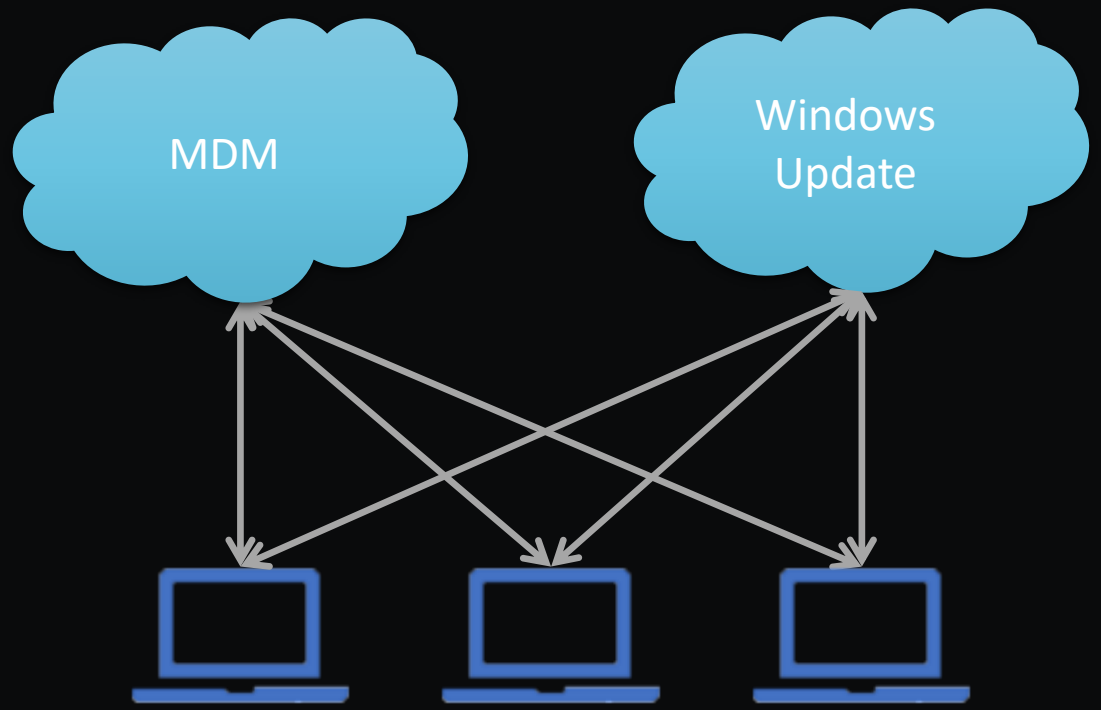
Users Windows Update





Windows Update for Business (WUfB)

Architecture Windows Update for Business



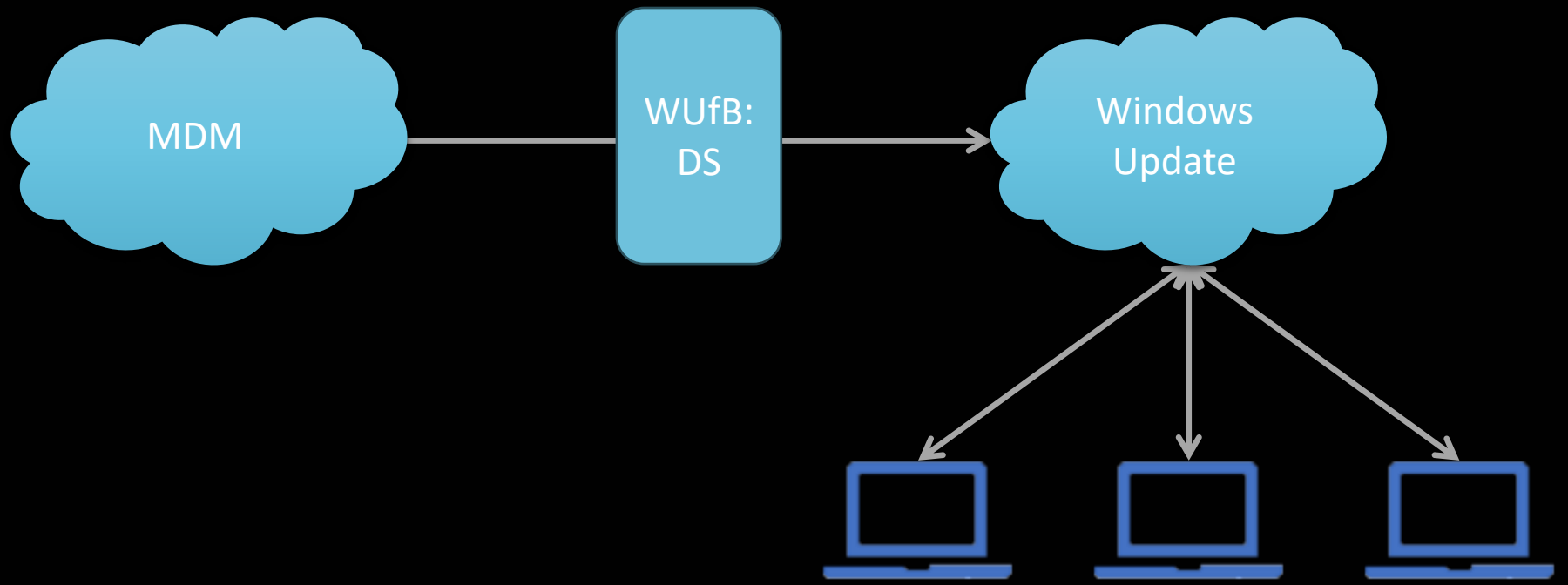
Users Windows Update for Business

Users Windows Update for Business

Users Windows Update for Business

Windows Update for Business Deployment Service (WUfB DS)

Architecture Windows Update for Business DS



Rings, Expedite, Feature and Drivers

Demo

- Update rings
- Expedite (Quality updates)
- Feature updates
- Driver updates

Tips and Tricks

Tips and Tricks

WUfB DS Licensing

Tips and Tricks

Home > Devices

Devices | Quality updates for Windows 10 and later

Search

By platform

- Windows
- iOS/iPadOS
- macOS
- Android
- Chrome OS (preview)
- Linux

Creating quality update policies requires specific licensing. Learn more about pre-requisites and quality update policies.

Create profile | Refresh | Export | Columns

Name	Assigned	Quality Update Release

Tips and Tricks

wpninjas.au

Home > Devices

Devices | Driver updates for Windows 10 and later

Search

- Overview
- All devices
- Monitor

By platform

- Windows
- iOS/iPadOS
- macOS
- Android
- Chrome OS (preview)
- Linux

Creating driver update policies requires specific licensing. Learn more about pre-requisites and driver update policies.

Create profile | Refresh | Export | Columns

Name	Assigned

Tips and Tricks

wpninjas.au

GET | beta | https://graph.microsoft.com/beta/subscribedSkus | Run query

Request body | Request headers | Modify permissions | Access token

OK - 200 - 213ms

Response preview | Response headers | Code snippets | Toolkit component | Adaptive cards | Expand


```
{
    "servicePlanId": "7bf960f6-2cd9-443a-8046-5dbff9558365",
    "servicePlanName": "WINDOWSUPDATEFORBUSINESS_DEPLOYMENTSERVICE",
    "provisioningStatus": "Success",
    "appliesTo": "User"
},
```


Graph Query

Tips and Tricks

WUfB DS Licensing

WUfB DS Policies assignment

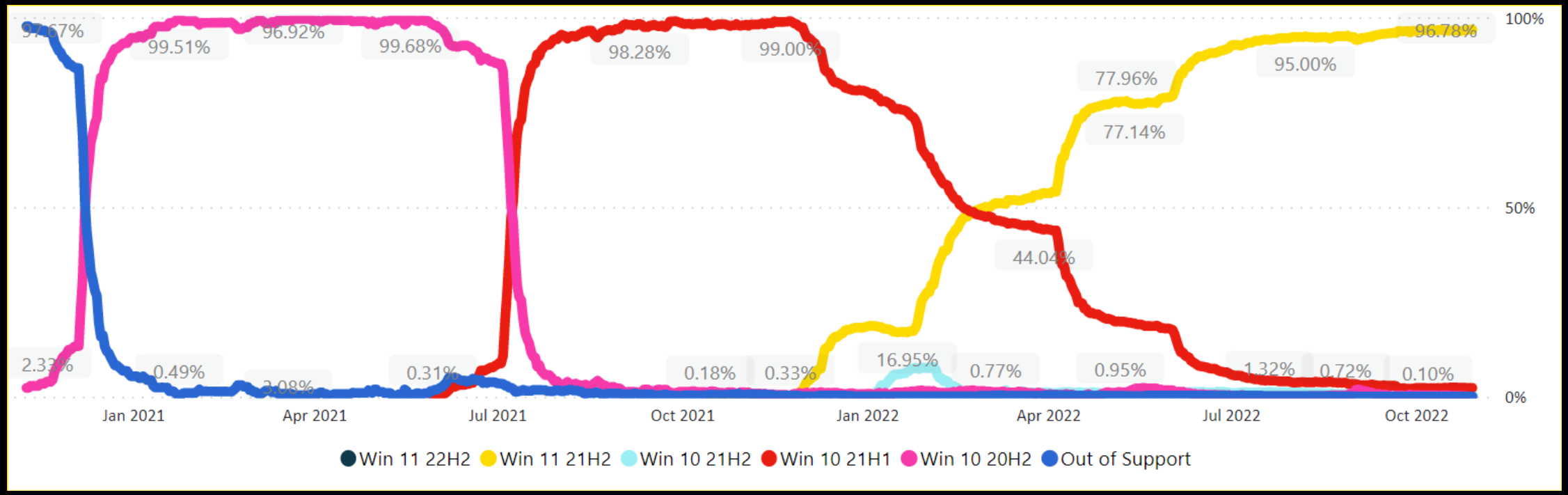
Tips and Tricks

WUfB DS Licensing

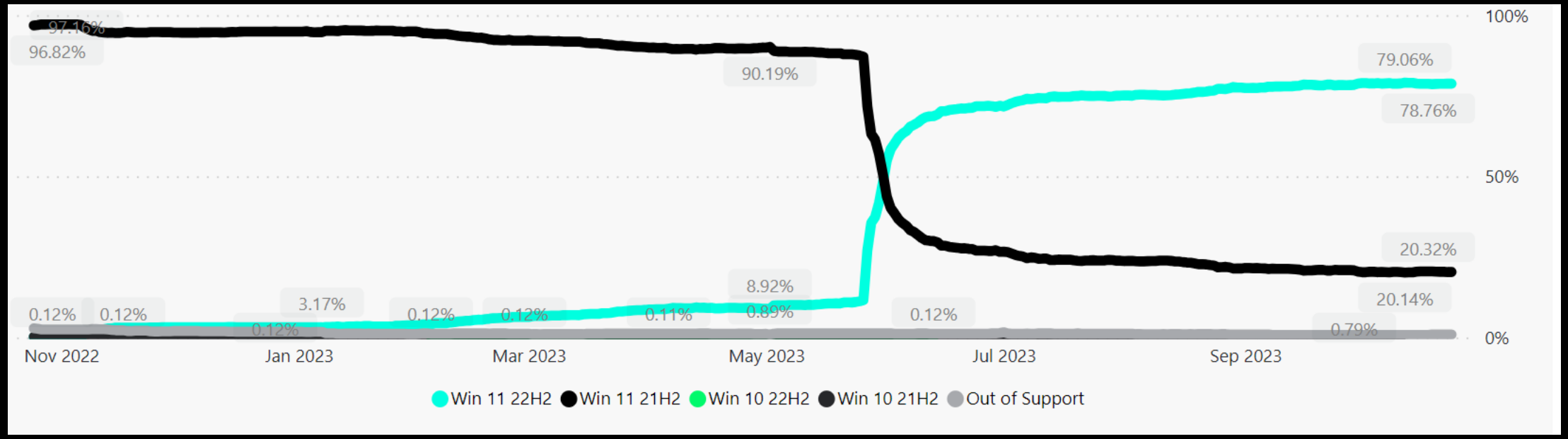
WUfB DS Policies assignment

Feature Updates requires manual interaction

Tips and Tricks



Tips and Tricks



Tips and Tricks

WUfB DS Licensing

WUfB DS Policies assignment

Feature Updates requires manual interaction

Windows 11 upgrade and unsupported devices

Tips and Tricks

Device name	Managed by	Manufacturer	Model	OS version	Windows 11 readin...	Windows 11 readiness...
[redacted]	Intune	Dell Inc.	Inspiron 3585	10.0.19043.2364	Not capable	CPU family
[redacted]	Intune	Dell Inc.	OptiPlex 5050	10.0.19043.2364	Not capable	CPU family
[redacted]	Intune	Dell Inc.	OptiPlex 5050	10.0.19043.2364	Not capable	CPU family
[redacted]	Intune	Dell Inc.	OptiPlex 7050	10.0.19043.2364	Not capable	CPU family
[redacted]	Intune	Dell Inc.	OptiPlex 7040	10.0.19043.2364	Not capable	CPU family
[redacted]	Intune	Dell Inc.	XPS 15 7590	10.0.19043.2364	Not capable	TPM

21H1 EOL 13/12/22

Tips and Tricks

WUfB DS Licensing

WUfB DS Policies assignment

Feature Updates requires manual interaction

Windows 11 upgrade and unsupported devices

WUfB DS devices hydration

Tips and Tricks

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WUfB DS Policies assignment

Feature Updates requires manual interaction

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WUfB DS devices hydration

Feature deferrals on Feature updates

Configure feature updates policy for Windows devices in Intune

Tips and Tricks

WUfB DS Licensing

WUfB DS Policies assignment

Feature Updates requires manual interaction

Windows 11 upgrade and unsupported devices

WUfB DS devices hydration

Feature deferrals on Feature updates

90 days waiting period

Tips and Tricks

WUfB DS Licensing

WUfB DS Policies assignment

Feature Updates requires manual interaction

Windows 11 upgrade and unsupported devices

WUfB DS devices hydration

Feature deferrals on Feature updates

90 days waiting period

Other Drivers manual approval

Tips and Tricks

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Home > Devices | Driver updates for Windows 10 and later >

Drivers Test

Automatic approval driver update policy

Sync Delete

Last sync: 22/10/2023, 9:48:45 pm

Properties Recommended drivers **Other drivers**

Refresh Columns Export

Search Add filter

Showing 1 to 35 of 35 records

Driver name	Version	Manufacturer	Driver class	Release date	Status	First Deployment	Applicable devices
Intel Corporation - Bluetooth - 22.210.0.3	22.210.0.3	Intel Corporation	OtherHardware	04/3/2023	Needs review	01/1/1	1
Logitech - HIDClass - 2/17/2017 12:00:00...	1.10.84.0	Logitech (x64)	OtherHardware	25/8/2018	Needs review	01/1/1	1
Intel - net - 22.190.0.4	22.190.0.4	Intel Corporation	Networking	01/12/2022	Needs review	01/1/1	1
INTEL - System - 1/1/1970 12:00:00 AM -...	10.1.1.38	INTEL	OtherHardware	09/3/2018	Needs review	01/1/1	1
Intel - net - 22.200.2.1	22.200.2.1	Intel Corporation	Networking	22/3/2023	Needs review	01/1/1	1
INTEL driver update for Intel(R) Xeon(R) ...	10.1.1.13	INTEL	OtherHardware	10/9/2018	Needs review	01/1/1	1
Intel - net - 22.220.1.1	22.220.1.1	Intel Corporation	Networking	21/5/2023	Needs review	01/1/1	1
INTEL - System - 1/1/1970 12:00:00 AM -...	10.1.1.33	INTEL	OtherHardware	24/8/2018	Needs review	01/1/1	1
Intel - Other hardware - Intel(R) Xeon(R) ...	10.1.1.38	Intel	OtherHardware	27/8/2018	Needs review	01/1/1	1
INTEL - System - 1/1/1970 12:00:00 AM -...	10.1.1.42	INTEL	OtherHardware	24/8/2018	Needs review	01/1/1	1
Intel - Other hardware - Intel(R) Xeon(R) ...	10.1.1.38	Intel	OtherHardware	24/8/2018	Needs review	01/1/1	1

Tips and Tricks

Manage driver

Intel Corporation - Bluetooth - 22.210.0.3

Manage the approval status for this driver. Save any changes to apply them to the driver.

Current status

Needs review

Devices installed

N/A

Additional details

Actions

Decline

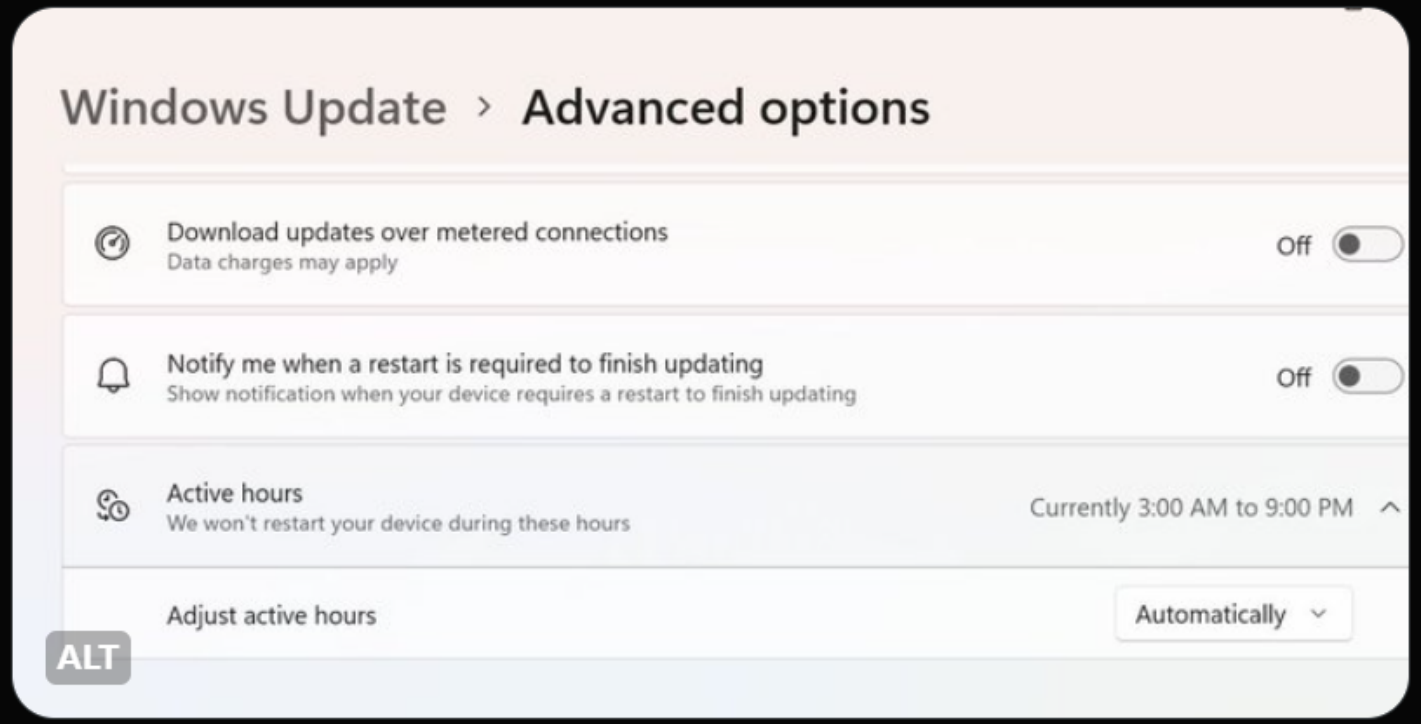
Decline

Approve

#FUNFACTS (@ariaupdated)

ariaupdated @ariaupdated · Sep 26

#FunFact if you don't set #ActiveHours on #Windows11 the device will automatically use #IntelligentActiveHours where the device determines when the user is most likely to be using the device (which is recommended for most 1:1 PCs).

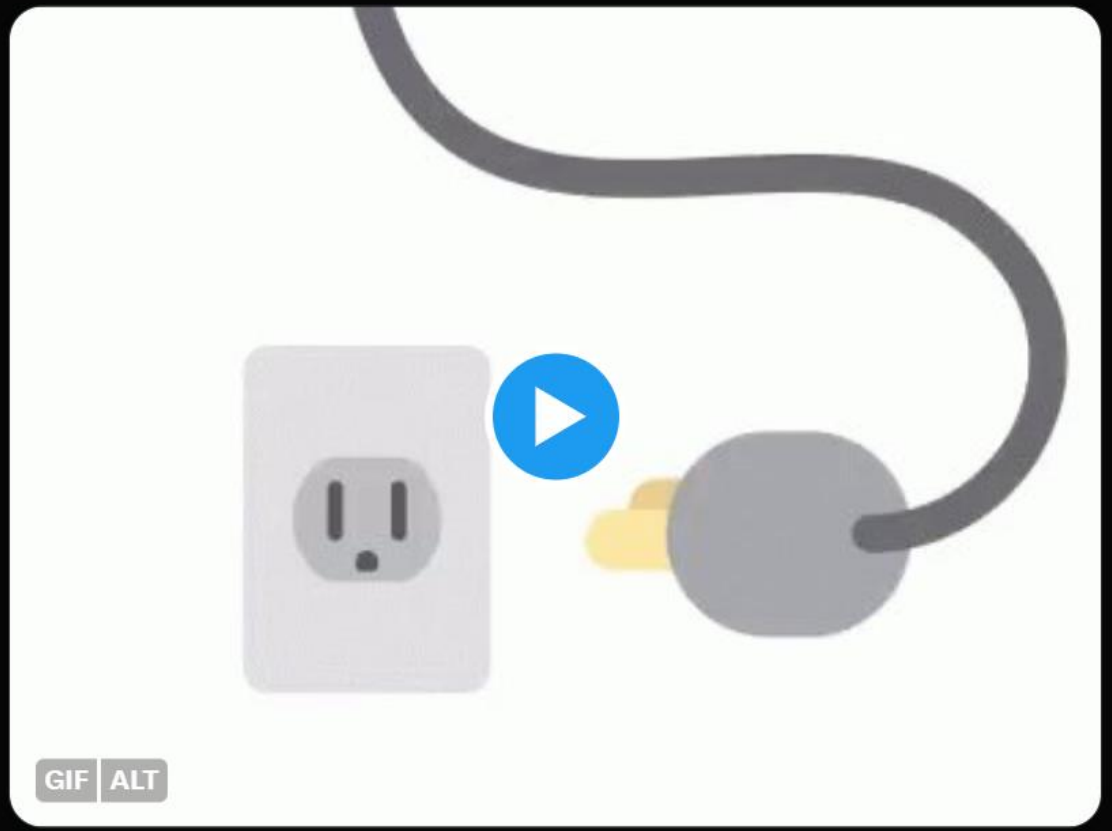


#FUNFACTS (@ariaupdated)

ariaupdated @ariaupdated · Sep 22

#FunFact we don't force Windows Updates while the device is running on battery (not plugged in).

This is why we recommend users charge their laptops overnight or leave them plugged in when they go out to lunch to ensure that the device can update when they aren't there.



#FUNFACTS (@ariaupdated)

ariaupdated @ariaupdated · Aug 11

#Reminder you can check the following to see if there are safeguard holds (#GStatus) in place or if your device is #Windows11 eligible (#UpgEx)

Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\AppCompatFlags\TargetVersionUpgradeExperienceIndicators\NI22H2

#FUNFACTS

#funfact By default when a restart is required to install updates, the auto-restart required notification is displayed and dismissed automatically after 25 seconds. You can use AutoRestartRequiredNotificationDismissal to require user dismissal.

Log Collection

wpninjas.au

CBS
DISM
DPX
PNP
Setup
SIH
UpdateAgent
USO
UX
WaaSMedic
WU
AppModelVersion.txt
Text Document
223 bytes
BuildInfo.txt
Text Document
233 bytes
registry_appx.txt
Text Document
13.9 KB
registry_DO.txt
Text Document
189 bytes
registry_FirmwareResources.txt
Text Document
1.30 KB
registry_langpack.txt
Text Document
869 bytes
registry_peruser_wupolicy.txt
Text Document
190 bytes
registry_Setup.txt
Text Document
18.7 MB
registry_sih.txt
Text Document
149 bytes
registry_StorePolicy.txt
Text Document
715 bytes
registry_StoreWUApproval.txt
Text Document
195 bytes
registry_superfetch.txt
Text Document
182 bytes
registry_waasassessment.txt
Text Document
183 bytes
registry_WindowsSelfhost.txt
Text Document
1.38 KB
registry_wu.txt
Text Document
182 bytes
registry_wuhandlers.txt
Text Document
1.80 KB
registry_wupolicy.txt
Text Document
1.12 KB
registry_wupolicy_mdm.txt
Text Document
181 bytes
registry_wupolicy_ux.txt
Text Document
171 bytes
SQMMachineId.txt
Text Document
203 bytes

WU Copy Logs External

Windows Autopatch

A cloud service that automates Windows, Microsoft 365 Apps for enterprise, Microsoft Edge, and Microsoft Teams updates to improve security and productivity across your organization.

Windows Autopatch

Windows Autopatch

5. Windows Autopatch – Entra ID Groups, and Policies

October 24, 2023

Windows Autopatch

4. Tenant Enrollment and Device Registration in Windows Autopatch

October 24, 2023

Windows Autopatch

3. Windows Autopatch Device Readiness

September 19, 2023

Windows Autopatch

2. Setting up Prerequisites for Windows Autopatch

September 8, 2023

Windows Autopatch

1. Planning for Windows Autopatch

August 31, 2023

EMS Route – Shehan Perera

Reports

Demo

- WUfB Reports
- WUfB API

Q&A

Thank You

Workplace Ninjas Australia