

# Pro-Watch<sup>®</sup> VMS and NVR

Approved Microsoft<sup>®</sup> Windows Patches



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## Technical Notes

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# MICROSOFT® WINDOWS PATCHES TESTED WITH PRO-WATCH® NVR AND VMS

## Overview

The purpose of this document is to identify the patches that have been delivered by Microsoft® Windows and which have been tested against the current shipping versions of Pro-Watch® NVR and Pro-Watch® VMS with no adverse effects being observed.

If you have questions concerning the information in this document, please contact Honeywell Technical Support. See the back cover for contact information.

**Windows Patches Tested with Pro-Watch® NVR till the Month of:** October, 2023

**Windows Patches Tested with Pro-Watch® VMS till the Month of:** October, 2023

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## Pro-Watch® NVR Current Shipping Version

- Pro-Watch® NVR Server and Client

<b>Build</b>	Pro-Watch® NVR 6.7 Build 687
<b>Operating System</b>	Microsoft® Windows 10, 64 bit (Standard) Enterprise Server + Client)
<b>SQL Version</b>	Microsoft® SQL Server 2017 (RTM-CU19) ( <a href="#">KB4535007</a> ) - 14.0.3281.6 (X64)

## Pro-Watch® VMS Current Shipping Version

- Pro-Watch® VMS Server and Client

<b>Build</b>	Pro-Watch® VMS R670 Build 687
<b>Operating System</b>	Microsoft® Windows 2016 Standard 64 bit for Server Microsoft® Windows 2019 Standard 64 bit for Server. Microsoft® Windows 10 Enterprise, 32-bit / 64-bit for Client
<b>SQL Version</b>	Microsoft® SQL Server 2017 (RTM-CU19) ( <a href="#">KB4535007</a> ) - 14.0.3281.6 (X64)

**Note:** Microsoft will no longer provide security updates or support for PCs with Windows 7.

# October - 2023- Microsoft® Windows Patches Tested with Pro-Watch® NVR on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5031816</a>	October 26, 2023-KB5031816 Cumulative Update Preview for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 22H2
<a href="#">KB5031445</a>	October 26, 2023—KB5031445 (OS Build 19045.3636) Preview

## Update History for Windows 10 Enterprise

🏠 View update history

[Uninstall updates](#)

[Recovery options](#)

### Update history

∨ Feature Updates (2)

Feature update to Windows 10, version 22H2

Successfully installed on 3/24/2023

[See what's new in this update](#)

Feature update to Windows 10, version 20H2

Successfully installed on 1/17/2022

∨ Quality Updates (37)

[2023-10 Cumulative Update Preview for Windows 10 Version 22H2 for x64-based Systems \(KB5031445\)](#)

Successfully installed on 10/27/2023

[2023-10 Cumulative Update Preview for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 \(KB5031904\)](#)

Successfully installed on 10/27/2023

[2023-10 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems \(KB5031356\)](#)

Successfully installed on 10/11/2023

[Security Update for SQL Server 2019 RTM GDR \(KB5029377\)](#)

Successfully installed on 10/10/2023

# October - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS on Windows 2016, 2019 Standard

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5031010</a>	October 10, 2023-KB5031010 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 1809 and Windows Server 2019
<a href="#">KB5031361</a>	October 10, 2023-KB5031361 (OS Build 17763.4974)
<a href="#">KB5031362</a>	October 10, 2023-KB5031362 (OS Build 14393.6351)

## Update History for Windows 2016, 2019 Standard

← Settings

View update history

Uninstall updates

Recovery options

Update history

Quality Updates (28)

- 2023-10 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5031222)  
Successfully installed on 10/16/2023
- 2023-10 Cumulative Update for Windows Server 2019 (1809) for x64-based Systems (KB5031361)  
Successfully installed on 10/16/2023

← Settings

Update history

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- 2023-10 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5031362)  
Successfully installed on 10/16/2023
- Windows Malicious Software Removal Tool x64 - v5.118 (KB890830)  
Successfully installed on 10/16/2023
- 2023-10 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5031362)  
Successfully installed on 10/16/2023

# October - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS Client on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5031816</a>	October 26, 2023-KB5031816 Cumulative Update Preview for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 22H2
<a href="#">KB5031445</a>	October 26, 2023-KB5031445 (OS Build 19045.3636) Preview

## Update History for VMS Client Windows 10 Enterprise

∨ Quality Updates (50)

[2023-10 Cumulative Update Preview for Windows 10 Version 22H2 for x64-based Systems \(KB5031445\)](#)

Successfully installed on 10/27/2023

[2023-10 Cumulative Update Preview for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 \(KB5031904\)](#)

Successfully installed on 10/27/2023

[2023-10 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems \(KB5031356\)](#)

Successfully installed on 10/16/2023

# September - 2023- Microsoft® Windows Patches Tested with Pro-Watch® NVR on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5030649</a>	September 26, 2023-KB5030649 Cumulative Update for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 22H2
<a href="#">KB5029923</a>	September 12, 2023-KB5029923 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10 Version 21H2 and Windows 10 Version 22H2
<a href="#">KB5030300</a>	September 26, 2023-KB5030300 (OS Build 19045.3516) Preview

## Update History for Windows 10 Enterprise

← Settings

🏠 View update history

[See what's new in this update](#)

Feature update to Windows 10, version 20H2  
Successfully installed on 1/17/2022

∨ Quality Updates (33)

Update for Windows (KB5029923)  
Successfully installed on 9/27/2023

2023-09 Cumulative Update Preview for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 (KB5031041)  
Successfully installed on 9/27/2023

2023-09 Cumulative Update Preview for Windows 10 Version 22H2 for x64-based Systems (KB5030300)  
Successfully installed on 9/27/2023

2023-09 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems (KB5030211)  
Successfully installed on 9/13/2023

2023-09 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 (KB5030180)  
Successfully installed on 9/13/2023

2023-08 Update for Windows 10 Version 22H2 for x64-based Systems (KB4023057)  
Successfully installed on 9/6/2023

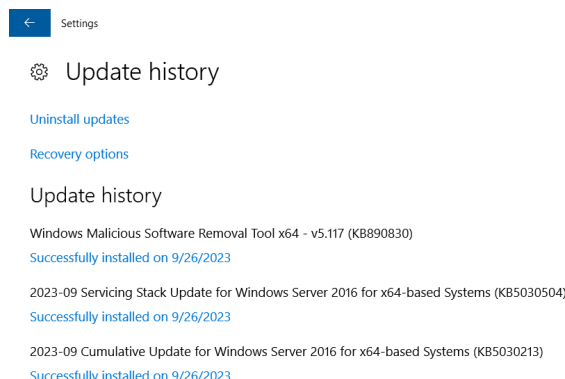
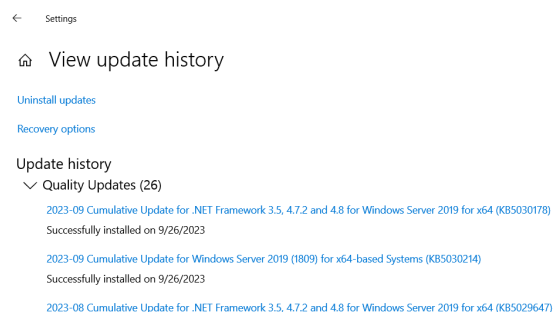
2023-08 Cumulative Update Preview for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 (KB5029847)



# September - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS on Windows 2016, 2019 Standard

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5029925</a>	September 12, 2023-KB5029925 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 1809 and Windows Server 2019
<a href="#">KB5030214</a>	September 12, 2023-KB5030214 (OS Build 17763.4851)
<a href="#">KB5030504</a>	KB5030504: Servicing stack update for Windows Server 2016: September 12, 2023
<a href="#">KB5030213</a>	September 12, 2023-KB5030213 (OS Build 14393.6252)

## Update History for Windows 2016, 2019 Standard



# September - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS Client on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5030649</a>	September 26, 2023-KB5030649 Cumulative Update for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 22H2
<a href="#">KB5029923</a>	September 12, 2023-KB5029923 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10 Version 21H2 and Windows 10 Version 22H2
<a href="#">KB5030300</a>	September 26, 2023-KB5030300 (OS Build 19045.3516) Preview

# Update History for VMS Client Windows 10 Enterprise

🏠 View update history

[Uninstall updates](#)

[Recovery options](#)

## Update history

> Feature Updates (4)

∨ Quality Updates (50)

[Update for Windows \(KB5029923\)](#)

Successfully installed on 9/27/2023

[2023-09 Cumulative Update Preview for Windows 10 Version 22H2 for x64-based Systems \(KB5030300\)](#)

Successfully installed on 9/27/2023

[2023-09 Cumulative Update Preview for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 \(KB5031041\)](#)

Successfully installed on 9/26/2023

[2023-09 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 \(KB5030180\)](#)

Successfully installed on 9/26/2023

[2023-09 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems \(KB5030211\)](#)

Successfully installed on 9/26/2023

[2023-08 Update for Windows 10 Version 22H2 for x64-based Systems \(KB4023057\)](#)

## August - 2023- Microsoft® Windows Patches Tested with Pro-Watch® NVR on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5029716</a>	August 22, 2023-KB5029716 Cumulative Update Preview for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 22H2
<a href="#">KB5029331</a>	August 22, 2023-KB5029331 (OS Build 19045.3393) Preview

## August - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS on Windows 2016, 2019 Standard

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5028953</a>	August 8, 2023-KB5028953 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 1809 and Windows Server 2019
<a href="#">KB5029247</a>	August 8, 2023-KB5029247 (OS Build 17763.4737)
<a href="#">KB5029242</a>	August 8, 2023-KB5029242 (OS Build 14393.6167)

## August - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS Client on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5029716</a>	August 22, 2023-KB5029716 Cumulative Update Preview for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 22H2
<a href="#">KB5029331</a>	August 22, 2023-KB5029331 (OS Build 19045.3393) Preview

## July - 2023- Microsoft® Windows Patches Tested with Pro-Watch® NVR on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5028015</a>	July 25, 2023-KB5028015 Cumulative Update Preview for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 22H2
<a href="#">KB5028244</a>	July 25, 2023-KB5028244 (OS Build 19045.3271) Preview

## July - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS on Windows 2016, 2019 Standard

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5028855</a>	July 11, 2023-KB5028855 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 1809 and Windows Server 2019
<a href="#">KB5028168</a>	July 11, 2023-KB5028168 (OS Build 17763.4645)
<a href="#">KB5028169</a>	July 11, 2023-KB5028169 (OS Build 14393.6085)

## July - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS Client on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5028015</a>	July 25, 2023-KB5028015 Cumulative Update Preview for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 22H2
<a href="#">KB5028244</a>	July 25, 2023-KB5028244 (OS Build 19045.3271) Preview

## June - 2023- Microsoft® Windows Patches Tested with Pro-Watch® NVR on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5027117</a>	June 13, 2023-KB5027117 Cumulative Update for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 21H2 and Windows 10 Version 22H2
<a href="#">KB5027122</a>	June 13, 2023-KB5027122 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10 Version 21H2 and Windows 10 Version 22H2
<a href="#">KB5011048</a>	Microsoft .NET Framework 4.8.1 for Windows 10 version 21H2, Windows 10 version 22H2, Windows 11 version 21H2, Windows Server 2022 (Desktop, Azure Editions), Azure Stack 21H2 and Azure Stack 22H2 (KB5011048)
<a href="#">KB5027293</a>	June 27, 2023—KB5027293 (OS Build 19045.3155) Preview

## June - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS on Windows 2016, 2019 Standard

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5027124</a>	June 13, 2023-KB5027124 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 1809 and Windows Server 2019
<a href="#">KB5027222</a>	June 13, 2023—KB5027222 (OS Build 17763.4499)
<a href="#">KB5027219</a>	June 13, 2023—KB5027219 (OS Build 14393.5989)

## June - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS Client on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5027117</a>	June 13, 2023-KB5027117 Cumulative Update for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 21H2 and Windows 10 Version 22H2

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5027122</a>	June 13, 2023—KB5027122 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10 Version 21H2 and Windows 10 Version 22H2
<a href="#">KB5011048</a>	Microsoft .NET Framework 4.8.1 for Windows 10 version 21H2, Windows 10 version 22H2, Windows 11 version 21H2, Windows Server 2022 (Desktop, Azure Editions), Azure Stack 21H2 and Azure Stack 22H2 (KB5011048)
<a href="#">KB5027293</a>	June 27, 2023—KB5027293 (OS Build 19045.3155) Preview

## May - 2023- Microsoft® Windows Patches Tested with Pro-Watch® NVR on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
No Updates	

## May - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS on Windows 2016, 2019 Standard

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5026362</a>	May 9, 2023—KB5026362 (OS Build 17763.4377)
<a href="#">KB5026363</a>	May 9, 2023—KB5026363 (OS Build 14393.5921)

## May - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS Client on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5026513</a>	May 23, 2023-KB5026513 Cumulative Update Preview for .NET Framework 3.5 and 4.8 for Windows 10 Version 22H2
<a href="#">KB5026435</a>	May 23, 2023-KB5026435 (OS Build 19045.3031) Preview

## April - 2023- Microsoft® Windows Patches Tested with Pro-Watch® NVR on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5025183</a>	April 25, 2023-KB5025183 Cumulative Update Preview for .NET Framework 3.5 and 4.8 for Windows 10 Version 22H2
<a href="#">KB5025297</a>	April 25, 2023-KB5025297 (OS Build 19045.2913) Preview

## April - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS on Windows 2016, 2019 Standard

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5025229</a>	April 11, 2023-KB5025229 (OS Build 17763.4252)
<a href="#">KB5025228</a>	April 11, 2023-KB5025228 (OS Build 14393.5850)

## April - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS Client on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5025183</a>	April 25, 2023-KB5025183 Cumulative Update Preview for .NET Framework 3.5 and 4.8 for Windows 10 Version 22H2
<a href="#">KB5025297</a>	April 25, 2023-KB5025297 (OS Build 19045.2913) Preview

## March - 2023- Microsoft® Windows Patches Tested with Pro-Watch® NVR on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5012170</a>	KB5012170: Security update for Secure Boot DBX
<a href="#">KB5015684</a>	KB5015684: Featured update to Windows 10, version 22H2 by using an enablement package
<a href="#">KB5023773</a>	March 21, 2023—KB5023773 (OS Builds 19042.2788, 19044.2788, and 19045.2788) Preview
<a href="#">KB5022502</a>	February 14, 2023—KB5022502 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 20H2, Windows 10 Version 21H2 and Windows 10 Version 22H2

## March - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS on Windows 2016, 2019 Standard

Microsoft Knowledge Base Article ID	Description
<a href="#">KB4486153</a>	Microsoft .NET Framework 4.8 on Windows 10 version 1709, Windows 10 version 1803, Windows 10 version 1809 and Windows Server 2019
<a href="#">KB4589208</a>	KB4589208: Intel microcode updates for Windows 10, version 1809 and Windows Server 2019
<a href="#">KB5022504</a>	February 14, 2023—KB5022504 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 1809 and Windows Server 2019
<a href="#">KB5012170</a>	KB5012170: Security update for Secure Boot DBX
<a href="#">KB5023702</a>	March 14, 2023—KB5023702 (OS Build 17763.4131)
<a href="#">KB4589210</a>	KB4589210: Intel microcode updates for Windows 10, version 1607 and Windows Server 2016
<a href="#">KB5023788</a>	KB5023788: Servicing stack update for Windows Server 2016: March 14, 2023
<a href="#">KB5023697</a>	March 14, 2023—KB5023697 (OS Build 14393.5786)

## March - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS Client on Windows 10 Enterprise



Microsoft Knowledge Base Article ID	Description
<a href="#">KB5022502</a>	February 14, 2023—KB5022502 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 20H2, Windows 10 Version 21H2 and Windows 10 Version 22H2
<a href="#">KB5012170</a>	KB5012170: Security update for Secure Boot DBX
<a href="#">KB5015684</a>	KB5015684: Featured update to Windows 10, version 22H2 by using an enablement package
<a href="#">KB5022906</a>	February 21, 2023—KB5022906 (OS Builds 19042.2673, 19044.2673, and 19045.2673) Preview

## February - 2023- Microsoft® Windows Patches Tested with Pro-Watch® NVR on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5022504</a>	February 14, 2023—KB5022504 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 1809 and Windows Server 2019
<a href="#">KB5022840</a>	February 14, 2023—KB5022840 (OS Build 17763.4010)

## February - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS on Windows 2016, 2019 Standard

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5022503</a>	February 14, 2023—KB5022503 Cumulative Update for .NET Framework 4.8 for Windows 10, version 1607 and Windows Server 2016
<a href="#">KB5022838</a>	February 14, 2023—KB5022838 (OS Build 14393.5717)
<a href="#">KB5022504</a>	February 14, 2023—KB5022504 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 1809 and Windows Server 2019
<a href="#">KB5022840</a>	February 14, 2023—KB5022840 (OS Build 17763.4010)

## February - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS Client on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5022502</a>	February 14, 2023—KB5022502 Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 20H2, Windows 10 Version 21H2 and Windows 10 Version 22H2
<a href="#">KB5022906</a>	February 21, 2023—KB5022906 (OS Builds 19042.2673, 19044.2673, and 19045.2673) Preview

## January - 2023- Microsoft® Windows Patches Tested with Pro-Watch® NVR on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5022286</a>	January 10, 2023—KB5022286 (OS Build 17763.3887)

## January - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS on Windows 2016, 2019 Standard

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5022289</a>	January 10, 2023—KB5022289 (OS Build 14393.5648)
<a href="#">KB5022286</a>	January 10, 2023—KB5022286 (OS Build 17763.3887)

## January - 2023- Microsoft® Windows Patches Tested with Pro-Watch® VMS Client on Windows 10 Enterprise

Microsoft Knowledge Base Article ID	Description
<a href="#">KB5022405</a>	January 19, 2023—KB5022405 Cumulative Update Preview for .NET Framework 3.5 and 4.8 for Windows 10, version 20H2, Windows 10 Version 21H1, Windows 10 Version 21H2 and Windows 10 Version 22H2
<a href="#">KB5019275</a>	January 19, 2023—KB5019275 (OS Builds 19042.2546, 19044.2546, and 19045.2546) Preview



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