

Summary

The following is a list of the updates that Sensus has tested and approved to operate with our software running on Microsoft Windows Server.

Microsoft Windows Server 2019

| Date | Title | Description | RNI Version |
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| 01/14/2020 | Microsoft .NET Framework 4.8 for Windows 10 Version 1809 and Windows Server 2019 for x64 (KB4486153) | The Microsoft .NET Framework 4.8 is a highly compatible, in-place update for all the previous versions of .NET Framework 4.X. After you install this update, you may have to restart your computer. | v4.8- v4.15 |
| 07/14/2020 | 2020-07 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB4566516) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 08/11/2020 | 2020-08 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB4570505) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 01/12/2021 | Security Update for SQL Server 2019 RTM CU (KB4583459) | Security issues have been identified in the SQL Server 2019 RTM CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 01/12/2021 | 2021-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB4598499) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |

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| 01/12/2021 | 2021-01 Servicing Stack Update for Windows Server 2019 for x64-based Systems (KB4598480) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8-v4.15 |
| 02/09/2021 | 2021-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB4601887) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8-v4.15 |
| 02/09/2021 | 2021-02 Servicing Stack Update for Windows Server 2019 for x64-based Systems (KB4601393) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8-v4.15 |
| 02/11/2021 | SQL Server 2019 RTM Cumulative Update (CU) 9 KB5000642 | CU9 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU9 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU9 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/en-us/kb/957826). To learn more about SQL Server 2019 RTM CU9, please visit the Microsoft Support (http://support.microsoft.com) Knowledge Base article KB5000642. | v4.8-v4.15 |
| 02/16/2021 | Update for Removal of Adobe Flash Player for Windows Server 2019 for x64-based systems (KB4577586) | This update will remove Adobe Flash Player from your Windows machine. After you install this item, you may have to restart your computer. | v4.8-v4.15 |
| 03/09/2021 | 2021-03 Servicing Stack | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this | v4.8-v4.15 |

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| | Update for Windows Server 2019 for x64-based Systems (KB5000859) | update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | |
| 03/09/2021 | 2021-01 Update for Windows Server 2019 for x64-based Systems (KB4589208) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 04/06/2021 | SQL Server 2019 RTM Cumulative Update (CU) 10 KB5001090 | CU10 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU10 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU10 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/en-us/kb/957826). To learn more about SQL Server 2019 RTM CU10, please visit the Microsoft Support (http://support.microsoft.com) Knowledge Base article KB5001090. | v4.8- v4.15 |
| 04/13/2021 | 2021-04 Servicing Stack Update for Windows Server 2019 for x64-based Systems (KB5001404) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 05/11/2021 | 2021-05 Servicing Stack Update for Windows Server 2019 for x64-based Systems (KB5003243) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 05/11/2021 | 2021-05 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |

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| | 2019 for x64 (KB5001879) | | |
| 05/11/2021 | 2021-05 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5003171) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8-v4.15 |
| 06/08/2021 | 2021-06 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5003778) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8-v4.15 |
| 06/08/2021 | 2021-06 Servicing Stack Update for Windows Server 2019 for x64-based Systems (KB5003711) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8-v4.15 |
| 06/10/2021 | SQL Server 2019 RTM Cumulative Update (CU) 11 KB5003249 | CU11 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU11 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU11 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/en-us/kb/957826). To learn more about SQL Server 2019 RTM CU11, please visit the Microsoft Support (http://support.microsoft.com) Knowledge Base article KB5003249. | v4.8-v4.15 |
| 07/13/2021 | 2021-07 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5004228) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8-v4.15 |

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| 08/05/2021 | SQL Server 2019 RTM Cumulative Update (CU) 12 KB5004524 | <p>CU12 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU12 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU12 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU12, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5004524.</p> | v4.8- v4.15 |
| 08/10/2021 | 2021-08 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5004870) | <p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p> | v4.8- v4.15 |
| 08/10/2021 | 2021-08 Servicing Stack Update for Windows Server 2019 for x64-based Systems (KB5005112) | <p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p> | v4.8- v4.15 |
| 10/05/2021 | SQL Server 2019 RTM Cumulative Update (CU) 13 KB5005679 | <p>CU13 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU13 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU13 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU13, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5005679.</p> | v4.8- v4.15 |
| 10/12/2021 | 2021-10 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server | <p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p> | v4.8- v4.15 |

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| | 2019 for x64 (KB5006765) | | |
| 11/09/2021 | 2021-11 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5007298) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 11/22/2021 | SQL Server 2019 RTM Cumulative Update (CU) 14 KB5007182 | CU14 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU14 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU14 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU14, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5007182. | v4.8- v4.15 |
| 01/11/2022 | 2022-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5009718) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 01/27/2022 | SQL Server 2019 RTM Cumulative Update (CU) 15 KB5008996 | CU15 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU15 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU15 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU15, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5008996. | v4.8- v4.15 |
| 02/08/2022 | 2022-02 Cumulative | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this | v4.8- v4.15 |

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| | Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5010580) | update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | |
| 04/12/2022 | 2022-04 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5012328) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 04/18/2022 | SQL Server 2019 RTM Cumulative Update (CU) 16 KB5011644 | CU16 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU16 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU16 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU16, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5011644. | v4.8- v4.15 |
| 05/10/2022 | 2022-05 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5013868) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 06/14/2022 | 2022-06 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5014805) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 06/14/2022 | Security Update for SQL Server | Security issues have been identified in the SQL Server 2019 RTM CU that could allow an attacker to | v4.8- v4.15 |

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| | 2019 RTM CU (KB5014353) | compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer. | |
| 06/14/2022 | Security Update for SQL Server 2014 Service Pack 3 CU (KB5014164) | Security issues have been identified in the SQL Server 2014 Service Pack 3 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 08/09/2022 | 2022-08 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5016737) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 08/09/2022 | 2022-08 Security Update for Windows Server 2019 for x64-based Systems (KB5012170) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 08/11/2022 | SQL Server 2019 RTM Cumulative Update (CU) 17 KB5016394 | CU17 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU17 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU17 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU17, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5016394. | v4.8- v4.15 |
| 09/13/2022 | 2022-09 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5017315) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |

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| 09/13/2022 | 2022-09 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5017528) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8-v4.15 |
| 09/28/2022 | SQL Server 2019 RTM Cumulative Update (CU) 18 KB5017593 | CU18 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU18 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU18 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU18, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5017593. | v4.8-v4.15 |
| 10/11/2022 | 2022-10 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5018542) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8-v4.15 |
| 10/11/2022 | 2022-10 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5018419) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8-v4.15 |
| 11/08/2022 | 2022-11 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5019966) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8-v4.15 |
| 11/08/2022 | 2022-11 Cumulative | A security issue has been identified in a Microsoft software product that could affect your system. You | v4.8-v4.15 |

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| | Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5020685) | can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | |
| 12/13/2022 | 2022-12 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5021085) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 12/13/2022 | 2022-12 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5021237) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 01/10/2023 | 2023-01 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5022286) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 02/14/2023 | Security Update for SQL Server 2019 RTM CU (KB5021124) | Security issues have been identified in the SQL Server 2019 RTM CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 02/14/2023 | 2023-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5022782) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 02/14/2023 | 2023-02 Cumulative | A security issue has been identified in a Microsoft software product that could affect your system. You | v4.8- v4.15 |

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| | Update for Windows Server 2019 for x64-based Systems (KB5022840) | can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | |
| 02/16/2023 | SQL Server 2019 RTM Cumulative Update (CU) 19 KB5023049 | CU19 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU19 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU19 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU19, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5023049. | v4.8- v4.15 |
| 03/14/2023 | 2023-03 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5023702) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 04/11/2023 | 2023-04 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5025229) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 04/13/2023 | SQL Server 2019 RTM Cumulative Update (CU) 20 KB5024276 | CU20 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU20 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU20 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU20, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5024276. | v4.8- v4.15 |

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| 05/09/2023 | 2023-05 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5026362) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 06/13/2023 | 2023-06 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5027536) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 06/13/2023 | 2023-06 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5027222) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 06/15/2023 | SQL Server 2019 RTM Cumulative Update (CU) 21 KB5025808 | CU21 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU21 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU21 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU21, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5025808. | v4.8- v4.15 |
| 07/11/2023 | 2023-07 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5028936) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 07/11/2023 | 2023-07 Cumulative | A security issue has been identified in a Microsoft software product that could affect your system. You | v4.8- v4.15 |

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| | Update for Windows Server 2019 for x64-based Systems (KB5028168) | can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | |
| 08/08/2023 | 2023-08 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5029247) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8-v4.15 |
| 08/08/2023 | 2023-08 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5029647) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8-v4.15 |
| 08/14/2023 | SQL Server 2019 RTM Cumulative Update (CU) 22 KB5027702 | CU22 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU22 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU22 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU22, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5027702. | v4.8-v4.15 |
| 09/12/2023 | 2023-09 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5030214) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8-v4.15 |
| 09/12/2023 | 2023-09 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated | v4.8-v4.15 |

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| | Windows Server 2019 for x64 (KB5030178) | Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | |
| 10/10/2023 | Security Update for SQL Server 2019 RTM CU (KB5029378) | Security issues have been identified in the SQL Server 2019 RTM CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 10/10/2023 | 2023-10 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5031361) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 10/10/2023 | 2023-10 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5031222) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 10/12/2023 | SQL Server 2019 RTM Cumulative Update (CU) 23 KB5030333 | CU23 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU23 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU23 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU23, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5030333. | v4.8- v4.15 |
| 11/14/2023 | 2023-11 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5032196) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |

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| 11/14/2023 | 2023-11 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5032337) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 12/12/2023 | 2023-12 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5033371) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 12/14/2023 | SQL Server 2019 RTM Cumulative Update (CU) 24 KB5031908 | CU24 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU24 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU24 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU24, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5031908. | v4.8- v4.15 |
| 01/09/2024 | 2024-01 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5034127) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 01/09/2024 | 2024-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5034273) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 02/13/2024 | 2024-02 Cumulative | A security issue has been identified in a Microsoft software product that could affect your system. You | v4.8- v4.15 |

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| | Update for Windows Server 2019 for x64-based Systems (KB5034768) | can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | |
| 02/13/2024 | 2024-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5034683) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8- v4.15 |
| 02/15/2024 | SQL Server 2019 RTM Cumulative Update (CU) 25 KB5033688 | CU25 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU25 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU25 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU25, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5033688. | v4.8- v4.15 |
| 03/12/2024 | 2024-03 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5035849) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 04/09/2024 | 2024-04 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5037034) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8- v4.15 |
| 04/09/2024 | Security Update for SQL Server 2019 RTM CU (KB5036335) | Security issues have been identified in the SQL Server 2019 RTM CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this | v4.8- v4.15 |

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| 04/09/2024 | 2024-04 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5036896) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8-v4.15 |
| 04/11/2024 | SQL Server 2019 RTM Cumulative Update (CU) 26 KB5035123 | CU26 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU26 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU26 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU26, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5035123. | v4.8-v4.15 |
| 05/14/2024 | 2024-05 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5038283) | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer. | v4.8-v4.15 |
| 05/23/2024 | 2024-05 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5039705) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8-v4.15 |
| 06/11/2024 | 2024-06 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5039217) | A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system. | v4.8-v4.15 |

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| 06/13/2024 | SQL Server 2019 RTM Cumulative Update (CU) 27 KB5037331 | <p>CU27 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU27 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU27 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU27, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5037331.</p> | v4.8- v4.15 |
| 07/09/2024 | 2024-07 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5040430) | <p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p> | v4.8- v4.15 |
| 07/09/2024 | 2024-07 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5041017) | <p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p> | v4.8- v4.15 |
| 07/09/2024 | Security Update for SQL Server 2019 RTM CU (KB5040948) | <p>Security issues have been identified in the SQL Server 2019 RTM CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.</p> | v4.8- v4.15 |
| 08/01/2024 | SQL Server 2019 RTM Cumulative Update (CU) 28 KB5039747 | <p>CU28 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU28 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU28 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2019 RTM CU28, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5039747.</p> | v4.8- v4.15 |

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| 08/13/2024 | 2024-08 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5042350) | <p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p> | v4.8-v4.15 |
| 08/13/2024 | 2024-08 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5041578) | <p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p> | v4.8-v4.15 |
| 09/10/2024 | Security Update for SQL Server 2019 RTM CU (KB5042749) | <p>Security issues have been identified in the SQL Server 2019 RTM CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.</p> | v4.8-v4.15 |
| 09/10/2024 | 2024-09 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5043050) | <p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p> | v4.8-v4.15 |