Sensus Approved Updates

December 2, 2024

The following updates were released by Microsoft for Windows Server 2012, Windows Server 2016, Windows Server 2019, SQL Server 2012, 2014, 2016, and 2019 environments in November 2024. Sensus has reviewed these updates and applied them to our Development and Quality Assurance environments.

For additional information and updates please visit https://www.xylem.com/en-us/about-xylem/cybersecurity/sensus-product-security/

Windows Server 2012

The following updates were verified for basic functionalities of the NA 4.5 and UK CB 6.7.20 releases. Sensus expects these updates to be applicable to earlier releases stated in the table below. Please review the below updates for installation in your environment. Sensus recommends applying any changes to a Test/Quality Assurance environment before releasing to a production environment.

Date	Advisory	Synopsis	RNI Release
11/12/2024	Security Update for SQL Server 2016 Service Pack 3 CU (KB5046856)	Security issues have been identified in the SQL Server 2016 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.	v4.1,v4.2,v4.3,v4.4,v4.5,UK CB6.7.20
11/12/2024	2024-11 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5046545)	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.	v4.1,v4.2,v4.3,v4.4,v4.5,UK CB6.7.20

Date	Advisory	Synopsis	RNI Release
11/12/2024	2024-11 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5046682)	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.	v4.1,v4.2,v4.3,v4.4,v4.5,UK CB6.7.20
11/12/2024	2024-11 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5046630)	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.	v4.1,v4.2,v4.3,v4.4,v4.5,UK CB6.7.20

Windows Server 2016

The following updates were verified for basic functionalities of the NA 4.7 release. Sensus expects these updates to be applicable to earlier releases stated in the table below. Please review the below updates for installation in your environment. Sensus recommends applying any changes to a Test/Quality Assurance environment before releasing to a production environment.

Date	Advisory	Synopsis	RNI Release
11/12/2024	Security Update for SQL Server 2016 Service Pack 3 CU (KB5046856)	Security issues have been identified in the SQL Server 2016 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.	v4.6,v4.7

Date	Advisory	Synopsis	RNI Release
11/12/2024	2024-11 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5046612)	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.	v4.6,v4.7

Windows Server 2019

The following updates were verified for basic functionalities of the NA 4.15 release. Sensus expects these updates to be applicable to earlier releases stated in the table below. Please review the below updates for installation in your environment. Sensus recommends applying any changes to a Test/Quality Assurance environment before releasing to a production environment.

Date	Advisory	Synopsis	RNI Release
10/31/2024	SQL Server 2019 RTM Cumulative Update (CU) 29 KB5046365	CU29 for SQL Server 2019 RTM upgraded all SQL Server 2019 RTM instances and components installed through the SQL Server setup. CU29 can upgrade all editions and servicing levels of SQL Server 2019 RTM to the CU29 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 CU29, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5046365.	v4.8-v4.15

Date	Advisory	Synopsis	RNI Release
11/12/2024	2024-11 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5046615)	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
11/12/2024	Security Update for SQL Server 2019 RTM CU (KB5046860)	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
11/12/2024	2024-11 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5046540)	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