

Security Patches: BD Pyxis Connect

September 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for September 2023. These patches were not found to adversely affect BD products and will be applied according to customers' service agreements.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
2023-09 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5030329)	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	KB5030329	N/A
2023-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5030287)	This update makes improvements for the following issues: <ul style="list-style-type: none">- The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.- The LanmanServer Service might crash in clusters that do not have an Administrative Access Point, also known as AD-Detached Clusters. Using AD-Detached Clusters is recommended by Exchange on some versions of Windows. For more information, see Database availability groups.- Authentication to join or re-join a computer to an Active Directory domain might fail when a user uses a Smart Card. This issue might occur after you install Windows Updates dated on or after November 2022.- This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight-Saving Time & Time Zone Blog.	KB5030287	N/A



Windows Malicious Software Removal Tool x64 - v5.117 (KB890830)	Windows Malicious Software Removal Tool (MSRT) helps keep Windows computers free from prevalent malware. MSRT finds and removes threats and reverses the changes made by these threats. MSRT is generally released monthly as part of Windows Update or as a standalone tool.	KB890830	N/A
2023-09 Security Only Update 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 (KB5030175)	This security update resolves vulnerabilities in .NET Framework. It addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution.	KB5030175	N/A
2023-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5030269)	<p>This cumulative security update includes improvements that are part of update KB5029312 (released August 8, 2023). This update also makes improvements for the following issues.</p> <ul style="list-style-type: none">• The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.• The LanmanServer Service might crash in clusters that do not have an Administrative Access Point, also known as AD-Detached Clusters. Using AD-Detached Clusters is recommended by Exchange on some versions of Windows. For more information, see Database availability groups.• Authentication to join or re-join a computer to an Active Directory domain might fail when a user uses a Smart Card. This issue might occur after you install Windows Updates dated on or after November 2022.• This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight-Saving Time & Time Zone Blog.	KB5030269	N/A
2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5030209)	<p>This security update resolves vulnerabilities in Internet Explorer. This update applies to the following:</p> <ul style="list-style-type: none">• Internet Explorer 11 on Windows Server 2012 R2• Internet Explorer 11 on Windows Server 2012• Internet Explorer 11 on Windows Server 2008 R2 SP1	KB5030209	N/A



<p>2023-09 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 (KB5030184)</p>	<p>This update makes security improvements to .NET Framework Remote Code Execution Vulnerability. It addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution.</p>	<p>KB5030184</p>	<p>N/A</p>
<p>2023-09 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5030213)</p>	<p>This security update includes quality improvements. When you install this KB:</p> <ul style="list-style-type: none">• This update supports daylight saving time (DST) changes in Israel.• This update addresses an issue that affects remote procedure calls (RPC) to the Win32_User or Win32_Group WMI class. The domain member that runs the RPC contacts the primary domain controller (PDC). When multiple RPCs occur at the same time on many domain members, this might overwhelm the PDC.• This update addresses an issue that affects the LanmanServer Service. It stops working in clusters that do not have an Administrative Access Point. These are also known as AD-Detached Clusters. They are recommended for Microsoft Exchange on some versions of Windows.• This update addresses an issue that affects authentication. Using a smart card to join or rejoin a computer to an Active Directory domain might fail.	<p>KB5030213</p>	<p>N/A</p>
<p>2023-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5030504)</p>	<p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	<p>KB5030504</p>	<p>N/A</p>
<p>2023-09 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64 (KB5029924)</p>	<p>This update makes security improvements to .NET Framework Remote Code Execution Vulnerability. It addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution.</p>	<p>KB5029924</p>	<p>N/A</p>



2023-09 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems (KB5030211)	This update addresses security issues for your Windows operating system.	KB5030211	N/A
2023-09 Cumulative Update Preview for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 for x64 (KB5031041)	This update is cumulative and contains all previously released security improvements for 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2.	KB5031041	N/A

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Security Patches:

BD Pyxis™ Tissue & Implant Management System

September 2023

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Microsoft® patches

Patch name	Description	Patch ID	Notes
2023-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	<p>This update makes improvements for the following issues:</p> <p>The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.</p> <p>The LanmanServer Service might crash in clusters that do not have an Administrative Access Point, also known as AD-Detached Clusters. Using AD-Detached Clusters is recommended by Exchange on some versions of Windows. For more information, see Database availability groups.</p> <p>Authentication to join or re-join a computer to an Active Directory domain might fail when a user uses a Smart Card. This issue might occur after you install Windows Updates dated on or after November 2022.</p> <p>This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog.</p> <p>For more information about the resolved security vulnerabilities, please refer to the Deployments Security Update Guide and the September 2023 Security Updates.</p>	KB5030287	N/A

2023-09 Security Only Update 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

The following articles contain additional information about this update as it relates to individual product versions.

[KB5030175](#)

N/A

5029940 Description of the Security Only Update for .NET Framework 3.5 for Windows Server 2012 R2 (KB5029940)

5029941 Description of the Security Only Update for .NET Framework 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows Server 2012 R2 (KB5029941)

5029942 Description of the Security Only Update for .NET Framework 4.8 for Windows Server 2012 R2 (KB5029942)

2023-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems

This cumulative security update includes improvements that are part of update KB5029312 (released August 8, 2023). This update also makes improvements for the following issues:

[KB5030269](#)

N/A

The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.

The LanmanServer Service might crash in clusters that do not have an Administrative Access Point, also known as AD-Detached Clusters. Using AD-Detached Clusters is recommended by Exchange on some versions of Windows. For more information, see Database availability groups.

Authentication to join or re-join a computer to an Active Directory domain might fail when a user uses a Smart Card. This issue might occur after you install Windows Updates dated on or after November 2022.

This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog.

For more information about the resolved security vulnerabilities, please refer to the Deployments | Security Update Guide and the September 2023 Security Updates.

2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems

The improvements that are included in this Internet Explorer update are also included in the September 2023 Monthly Rollup. Installing either this Internet Explorer update or the Monthly Rollup installs the same improvements.

[KB5030209](#)

N/A

This update is not applicable for installation on a device on which the Monthly Rollup from September 2023 (or a later month) is already installed. This is because that update contains all the same improvements that are included in this Internet Explorer update.

If you use update management processes other than Windows Update and you automatically approve all security update classifications for deployment, this update, the September 2023 Security-Only Update, and the September 2023 Monthly Rollup are deployed. We recommend that you review your update deployment rules to make sure that the desired updates are deployed.

If you install a language pack after you install this update, you must reinstall this update. Therefore, we recommend that you install any language packs that you need before you install this update. For more information, see [Add language packs to Windows](#).

2023-09 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

Security Improvements

CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability

This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file

which can lead to Remote Code Execution. For more information see [CVE 2023-36796](#).

CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability

[KB5030184](#)

N/A

This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36792.

CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability

This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36793.

CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability

This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36794.

CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability

This security update addresses a vulnerability in the WPF XAML parser where an unsandboxed parser can lead to remote code execution. For more information see CVE 2023-36788.

List of improvements that were released with this update, following articles contain additional information about this update as it relates to individual product versions.

5029915 Description of the Security and Quality Rollup for .NET Framework 3.5 for Windows Server 2012 R2 (KB5029915)

5029916 Description of the Security and Quality Rollup for .NET Framework 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows Server 2012 R2 (KB5029916)

5029917 Description of the Security and Quality Rollup for .NET Framework 4.8 for Windows Server 2012 R2 (KB5029917)

2023-09 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	KB5030329	N/A
Security Update for SQL Server 2012 Service Pack 4 CU (KB4583465)	<p>Data can be sent over a network to an affected Microsoft SQL Server instance that might cause code to run against the SQL Server process if a certain extended event is enabled. To learn more about the vulnerability, see CVE-2021-1636</p> <p>This security update fixes the following issue:</p> <p>KB4583468 - Microsoft SQL Server elevation of privilege vulnerability</p>	KB4583465	N/A
SQL Server 2012 Service Pack 4	<p>Enhancements and new capabilities</p> <p>SQL Server 2012 Service Pack 4 provides additional updates to improve performance, scalability, and monitoring. Key updates include:</p> <p>Scalability and performance improvements for the storage engine</p> <p>Improvements in consistency check performance</p> <p>Query hints to provide granular control while using Resource Governor</p> <p>Additional monitoring capabilities through enhancements in DMV, Extended Events, and Query Plans</p> <p>Improved performance while opening and reading XEL files by using the XEvent Linq reader.</p> <p>Improved performance for spatial queries.</p>	KB4018073	N/A
Windows Malicious Software Removal Tool x64 - v5.115	<p>The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems:</p> <p>Windows 10</p> <p>Windows Server 2019</p> <p>Windows Server 2016</p>	KB890830	N/A

Windows 8.1

Windows Server 2012 R2

Windows Server 2012

Windows Server 2008 R2

Windows 7

Windows Server 2008

Microsoft releases the MSRT on a monthly cadence as part of Windows Update or as a standalone tool. Use this tool to find and remove specific prevalent threats and reverse the changes they have made (see covered malware families). For comprehensive malware detection and removal, consider using Windows Defender Offline or Microsoft Safety Scanner.

This article contains information about how the tool differs from an antivirus or antimalware product, how you can download and run the tool, what happens when the tool finds malware, and tool release information. It also includes information for the administrators and advanced users, including information about supported command-line switches.

2023-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems	<p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	KB5030504	N/A
2023-09 Cumulative Update for Windows Server 2016 for x64-based Systems	<p>This security update includes quality improvements. When you install this KB:</p> <p>This update supports daylight saving time (DST) changes in Israel.</p> <p>This update addresses an issue that affects remote procedure calls (RPC) to the Win32_User or Win32_Group WMI class. The domain member that runs the RPC contacts the primary domain controller (PDC). When multiple RPCs occur at the same time on many domain members, this might overwhelm the PDC.</p> <p>This update addresses an issue that affects the LanmanServer Service. It stops working in clusters that do not have an Administrative Access Point. These are also known as AD-Detached Clusters. They are recommended for Microsoft Exchange on some versions of Windows. To learn more, see Database availability groups.</p> <p>This update addresses an issue that affects authentication. Using a smart card to join or rejoin a computer to an Active Directory domain might fail. This occurs after you install Windows updates dated October 2022 or later. For more details, see KB5020276.</p> <p>If you installed earlier updates, only the new updates contained in this package will be downloaded and installed on your device.</p> <p>For more information about security vulnerabilities, please refer to the new Security Update Guide website and the September 2023 Security Updates.</p>	KB5030213	N/A
2023-09 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64	<p>Security Improvements</p> <p>CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability</p> <p>This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE 2023-36796.</p>	KB5029924	N/A

CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability

This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36792.

CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability

This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36793.

CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability

This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36794.

CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability

This security update addresses a vulnerability in the WPF XAML parser where an unsandboxed parser can lead to remote code execution. For more information see CVE 2023-36788.

Quality and Reliability Improvements

WPF - Addresses an issue where the layout of collapsed panels are affected by CollectionChanged event.

ASP.NET - Addresses an issue in the AspNetEnforceViewStateMac regkey logic

*Windows Presentation Foundation (WPF).

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Security Patches: BD Pyxis™ Enterprise Server

September 2023

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Microsoft® patches

Patch name	Description	Patch ID	Notes
2023-09 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems	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.	KB5030329	N/A
2023-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	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.	KB5030287	N/A

2023-09 Security Only Update 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	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.	KB5030175	N/A
2023-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems	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.	KB5030269	N/A
2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2008 R2 for x64-based systems	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.	KB5030209	N/A
Windows Malicious Software Removal Tool x64 - v5.117	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month. If you want to manually run the tool on your computer, you can download a copy from the Microsoft Download Center, or you can run an online version from microsoft.com. This tool is not a replacement for an antivirus product. To help protect your computer, you should use an antivirus product	KB890830	N/A

2023-09 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	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.	KB5030184	N/A
2023-09 Security Monthly Quality Rollup for Windows Server 2008 for x64-based Systems	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.	KB5030271	N/A
2023-09 Security Only Quality Update for Windows Server 2008 for x86-based Systems	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.	KB5030286	N/A
2023-09 Cumulative Update for Windows Server 2016 for x64-based Systems	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.	KB5030213	N/A

2023-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems	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.	KB5030504	N/A
2023-09 Cumulative Update for Windows Server 2019 for x64-based Systems	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.	KB5030214	N/A
2023-09 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64	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.	KB5030178	N/A
Security Update for SQL Server 2019 RTM CU	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.	KB5021124	N/A

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Security Patches: BD Pyxis™ Medstation™ ES

September 2023

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Microsoft® patches

Patch name	Description	Patch ID	Notes
2023-09 Security and Quality Rollup for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7	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.	KB5030182	N/A
2023-09 Security Only Update for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7	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.	KB5030173	N/A

Windows Malicious Software Removal Tool x64 - v5.117	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month. If you want to manually run the tool on your computer, you can download a copy from the Microsoft Download Center, or you can run an online version from microsoft.com. This tool is not a replacement for an antivirus product. To help protect your computer, you should use an antivirus product.	KB890830	N/A
2023-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	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.	KB5030265	N/A
2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems	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.	KB5030209	N/A
2023-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	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.	KB5030261	N/A
2023-09 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems	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.	KB5030504	N/A

2023-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	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.	KB5030213	N/A
2023-09 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	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.	KB5030178	N/A
2023-09 Cumulative Update for Windows 10 Version 1809 for x86-based Systems	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.	KB5030214	N/A
2023-09 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 for x64	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.	KB5029924	N/A
2023-09 Cumulative Update for Windows 10 Version 1809 for x64-based Systems	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.	KB5030214	N/A

2023-09 Cumulative Update for Windows 10 Version 21H2 for x64-based System	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.	KB5030211	N/A
2023-09 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 21H2 for x64	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.	KB5030179	N/A
2021-01 Update for Windows 10 Version 1809 for x64-based Systems	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.	KB4589208	N/A

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Security Patches:

BD Pyxis™ Anesthesia Station ES

September 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for September 2023. These patches were not found to adversely affect BD products and will be applied according to customers' service agreements.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
2023-09 Security and Quality Rollup for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7	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.	KB5030182	N/A
2023-09 Security Only Update for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7	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.	KB5030173	N/A

Windows Malicious Software Removal Tool x64 - v5.117	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month. If you want to manually run the tool on your computer, you can download a copy from the Microsoft Download Center, or you can run an online version from microsoft.com. This tool is not a replacement for an antivirus product. To help protect your computer, you should use an antivirus product.	KB890830	N/A
2023-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	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.	KB5030265	N/A
2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems	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.	KB5030209	N/A
2023-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	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.	KB5030261	N/A
2023-09 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems	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.	KB5030504	N/A

2023-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	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.	KB5030213	N/A
2023-09 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	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.	KB5030178	N/A
2023-09 Cumulative Update for Windows 10 Version 1809 for x86-based Systems	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.	KB5030214	N/A
2023-09 Cumulative Update for Windows 10 Version 1809 for x64-based Systems	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.	KB5030214	N/A

2021-01 Update for Windows 10 Version 1809 for x64-based Systems	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.	KB4589208	N/A
2023-09 Cumulative Update for Windows 10 Version 21H2 for x64-based System	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.	KB5030211	N/A
2023-09 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 21H2 for x64	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.	KB5030179	N/A

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Security Patches: BD Pyxis™ SupplyStation™

September 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for September 2023. These patches were not found to adversely affect BD products and will be applied according to customers' service agreements.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
2023-09 Security Only Quality Update for Windows Server 2008 for x86-based Systems (KB5030286)	This update makes improvements for the following issues: <ul style="list-style-type: none">The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog.For more information about the resolved security vulnerabilities, please refer to the Deployments Security Update Guide and the September 2023 Security Updates.	KB5030286	N/A
2023-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems 9 (KB5030261)	This update makes improvements for the following issues: <ul style="list-style-type: none">The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog.	KB5030261	N/A

<p>2023-09 Servicing Stack Update for Windows Server 2012 R2 for x64-based systems (KB5030329)</p>	<ul style="list-style-type: none"> For more information about the resolved security vulnerabilities, please refer to the Deployments Security Update Guide and the September 2023 Security Updates. <p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	<p>KB5030329</p>	<p>N/A</p>
<p>2023-09 Security and Quality Rollup for .NET Framework 3.5.1 for Windows Server 2008 R2 for x64 (KB5029938)</p>	<ul style="list-style-type: none"> CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE 2023-36796. CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36792. CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36793. CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36794. CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in the WPF XAML parser where an unsandboxed parser can lead to remote code execution. For more information see CVE 2023-36788. 	<p>KB5029938</p>	<p>N/A</p>

<p>2023-09 Security and Quality Rollup for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2008 R2 for x64 (KB5030182)</p>	<ul style="list-style-type: none"> • CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability • This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE 2023-36796. • CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability • This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36792. • CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability • This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36793. • CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability • This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36794. • CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability <ul style="list-style-type: none"> ○ This security update addresses a vulnerability in the WPF XAML parser where an unsandboxed parser can lead to remote code execution. For more information see CVE 2023-36788. 	<p>KB5030182</p>	<p>N/A</p>
<p>2023-09 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5030213)</p>	<p>This security update includes quality improvements. When you install this KB:</p> <ul style="list-style-type: none"> • This update supports daylight saving time (DST) changes in Israel. • This update addresses an issue that affects remote procedure calls (RPC) to the Win32_User or Win32_Group WMI class. The domain member that runs the RPC contacts the primary domain controller (PDC). When multiple RPCs occur at the same time on many domain members, this might overwhelm the PDC. • This update addresses an issue that affects the LanmanServer Service. It stops working in clusters that do not have an Administrative Access Point. These are also known as AD-Detached Clusters. They are recommended for Microsoft Exchange on some versions of 	<p>KB5030213</p>	<p>N/A</p>

Windows. To learn more, see Database availability groups.

- This update addresses an issue that affects authentication. Using a smart card to join or rejoin a computer to an Active Directory domain might fail. This occurs after you install Windows updates dated October 2022 or later. For more details, see KB5020276.

2023-09 Cumulative Update for Windows 10 Version 1809 for x64-based Systems (KB5030214)

This security update includes improvements. When you install this KB:

[KB5030214](#)

N/A

- This update supports daylight saving time (DST) changes in Israel.
- This update addresses an issue that affects the Microsoft Distributed Transaction Coordinator (DTC). It has a handle leak. Because of this, the system runs out of memory.
- This update addresses an issue that affects the Resultant Set of Policy (RSOP). The Windows LAPS "BackupDirectory" policy setting was not being reported. This occurs when the setting is set to 1, which is "Back up to AAD."
- This update addresses an issue that affects Server Message Block (SMB). You cannot access the SMB shared folder. The errors are, "Not enough memory resources" or "Insufficient system resources."
- The update addresses an issue that affects scheduled tasks. The tasks fail when they use stored local user account credentials. This occurs when you enable Credential Guard. The error message is "2147943726: ERROR_LOGON_FAILURE (The user name or password is incorrect)."
- The update addresses an issue that affects those who use Windows Update for Business. After you are asked to change your password at sign in, the change operation fails. Then you cannot sign in. The error code is 0xc000006d.
- This update addresses an issue that is related to changes in the forwarding of events.
- This update addresses an issue that affects the Group Policy Service. It will not wait for 30 seconds, which is the default wait time, for the network to be available. Because of this, policies are not correctly processed
- This update addresses an issue that affects the Remote Desktop (RD) Web Role. If you enable that role, it fails when you upgrade RD deployments more than once
- This update addresses an issue that affects Narrator. Its focus does not change when the keyboard focus changes. Because of this, Narrator reads the wrong label within the dialog that appears when you sign in.
- This update addresses an issue that affects authentication. Using a smart card to join or

rejoin a computer to an Active Directory domain might fail. This occurs after you install Windows updates dated October 2022 or later. For more details, see KB5020276.

2023-09 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64 (KB5030178)

- CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE 2023-36796.
- CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36792.
- CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36793.
- CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36794.
- CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in the WPF XAML parser where an unsandboxed parser can lead to remote code execution. For more information see CVE 2023-36788.

[KB5030178](#)

N/A

2023-09 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64 (KB5029924)

- CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE 2023-36796.
- CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code

[KB5029924](#)

N/A

Execution. For more information see CVE-2023-36792.

- CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36793.
- CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36794.
- CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in the WPF XAML parser where an unsandboxed parser can lead to remote code execution. For more information see CVE 2023-36788.

2023-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5030504)

This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.

[KB5030504](#)

N/A

2023-09 Security Only Update for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2008 R2 for x64 (KB5030173)

- CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE 2023-36796.
- CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36792.
- CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36793.

[KB5030173](#)

N/A

- CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36794.
- CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in the WPF XAML parser where an unsandboxed parser can lead to remote code execution. For more information see CVE 2023-36788.

2023-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems (KB5030265)

This cumulative security update contains improvements that are part of update KB5029296 (released August 8, 2023). This update also makes improvements for the following issues:

[KB5030265](#)

N/A

- The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.
- This update includes changes to Israel daylight saving time (DST).
- For more information, see the Daylight Saving Time & Time Zone Blog.

2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems (KB5030209)

- This security update resolves vulnerabilities in Internet Explorer. To learn more about these vulnerabilities, see Deployments | Security Update Guide.

[KB5030209](#)

N/A

2023-09 Security Only Update for .NET Framework 3.5.1 for Windows Server 2008 R2 for x64 (KB5029948)

- CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE 2023-36796.
- CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36792.
- CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability

[KB5029948](#)

N/A

- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36793.
- CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36794.
- CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in the WPF XAML parser where an unsandboxed parser can lead to remote code execution. For more information see CVE 2023-36788.

2023-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5030287)

This update makes improvements for the following issues:

[KB5030287](#)

N/A

- The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.
- The LanmanServer Service might crash in clusters that do not have an Administrative Access Point, also known as AD-Detached Clusters. Using AD-Detached Clusters is recommended by Exchange on some versions of Windows. For more information, see Database availability groups.
- Authentication to join or re-join a computer to an Active Directory domain might fail when a user uses a Smart Card. This issue might occur after you install Windows Updates dated on or after November 2022.
- This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog.

2023-09 Security Only Update 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 (KB5030175)

- CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE 2023-36796.
- CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36792.
- CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36793.
- CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36794.
- CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability
- This security update addresses a vulnerability in the WPF XAML parser where an unsandboxed parser can lead to remote code execution. For more information see CVE 2023-36788.

[KB5030175](#)

N/A

2023-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5030269)

This cumulative security update includes improvements that are part of update KB5029312 (released August 8, 2023). This update also makes improvements for the following issues:

- The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.
- The LanmanServer Service might crash in clusters that do not have an Administrative Access Point, also known as AD-Detached Clusters. Using AD-Detached Clusters is recommended by Exchange on some versions of Windows. For more information, see Database availability groups.
- Authentication to join or re-join a computer to an Active Directory domain might fail when a user uses a Smart Card. This issue might occur

[KB5030269](#)

N/A

	<p>after you install Windows Updates dated on or after November 2022.</p> <ul style="list-style-type: none"> This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog. 		
<p>2023-09 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 (KB5030184)</p>	<ul style="list-style-type: none"> CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE 2023-36796. CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36792. CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36793. CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file which can lead to Remote Code Execution. For more information see CVE-2023-36794. CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in the WPF XAML parser where an unsandboxed parser can lead to remote code execution. For more information see CVE 2023-36788. 	<p>KB5030184</p>	<p>N/A</p>
<p>2023-09 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems (KB5030271)</p>	<p>This cumulative security update contains improvements that are part of update KB5030271 (released August 8, 2023). This update also makes improvements for the following issues:</p> <ul style="list-style-type: none"> The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted. This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog. 	<p>KB5030271</p>	<p>N/A</p>

2022-01 Security
Monthly Quality
Rollup for Windows
Server 2008 for x86-
based Systems
(KB5009627)

This security update includes improvements and fixes that were a part of update KB5008274 (released December 14, 2021) and addresses the following issue:

[KB5009627](#)

N/A

- This update contains miscellaneous security improvements to internal OS functionality. No specific issues are documented for this release.
- For more information about the resolved security vulnerabilities, please refer to the new Security Update Guide website and the January 2022 Security Updates.

2022-11 Security
Monthly Quality
Rollup for Windows
Server 2008 for x86-
based Systems
(KB5020019)

This cumulative security update contains improvements that are part of update KB5017358 (released October 11, 2022) and includes key changes for the following:

[KB5020019](#)

N/A

- Addresses a Distributed Component Object Model (DCOM) authentication hardening issue to automatically raise authentication level for all non-anonymous activation requests from DCOM clients. This will occur if the authentication level is less than `RPC_C_AUTHN_LEVEL_PKT_INTEGRITY`.
- Updates the daylight-saving time (DST) for Jordan to prevent moving the clock back 1 hour on October 28, 2022. Additionally, changes the display name of Jordan standard time from “(UTC+02:00) Amman” to “(UTC+03:00) Amman”.
- Addresses an issue where Microsoft Azure Active Directory (AAD) Application Proxy Connector cannot retrieve a Kerberos ticket on behalf of the user because of the following general API error: “The handle specified is invalid (0x80090301).”
- Addresses an issue where, after installing the January 11, 2022 or later update, the Forest Trust creation process fails to populate the DNS name suffixes into the trust information attributes.
- Addresses security vulnerabilities in the Kerberos and Netlogon protocols as outlined in CVE-2022-38023, CVE-2022-37966, and CVE-2022-37967. For deployment guidance, see the following articles:
- KB5020805: How to manage the Kerberos protocol changes related to CVE-2022-37967
- KB5021130: How to manage the Netlogon protocol changes related to CVE-2022-38023

- KB5021131: How to manage the Kerberos protocol changes related to CVE-2022-37966
- For more information about the resolved security vulnerabilities, please refer to the Deployments | Security Update Guide and the November 2022 Security Updates.

2022-05 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems (KB5014010)

This cumulative security update contains improvements that are part of update KB5012658 (released April 12, 2022) and includes new improvements for the following issues:

[KB5014010](#)

N/A

- The Key Distribution Center (KDC) code incorrectly returns error message KDC_ERR_TGT_REVOKED during Domain Controller shutdown.
- After installing the January 2022 Windows update or a later Windows update on the Primary Domain Controller emulator (PDCE), listing or modifying name suffixes routing by using Netdom.exe or "Active Directory Domains and Trusts" snap-in may fail and you receive the following error message: "Insufficient system resources exist to complete the requested service."
- The Primary Domain Controller (PDC) for the root domain incorrectly logs warning and error events in the System log when trying to scan outbound-only trusts.

Windows Malicious Software Removal Tool x64 - v5.115

The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers. Microsoft releases the MSRT on a monthly cadence as part of Windows Update or as a standalone tool. Use this tool to find and remove specific prevalent threats and reverse the changes they have made.

[KB890830](#)

N/A

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Security Patches: Security Module

September 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for September 2023. These patches were not found to adversely affect BD products and will be applied according to customers' service agreements.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64 - v5.117 (KB890830)	After the download, this tool runs one time to check the computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month. This tool is not a replacement for an antivirus product.	KB890830	N/A
2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5030209)	A security issue has been identified in a Microsoft software product that could affect the system. This security update resolves vulnerabilities in Internet Explorer.	KB5030209	N/A
2023-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5030269)	This update makes the following changes: The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted. The LanmanServer Service might crash in clusters. Authentication to join or re-join a computer to an Active Directory domain might fail with Smart Cards. This update includes changes to Israel daylight saving time (DST).	KB5030269	N/A
2023-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5030287)	This update makes the following changes: The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted. The LanmanServer Service might crash in clusters. Authentication to join or re-join a computer to an Active Directory domain might fail with Smart Cards. This update includes changes to Israel daylight saving time (DST).	KB5030287	N/A



2023-09 Security Only Update 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 (KB5030175)	.NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file and WPF XAML parser where an unsandboxed parser can lead to Remote Code Execution.	KB5030175	N/A
2023-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5030504)	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	KB5030504	N/A
2023-09 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5030329)	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	KB5030329	N/A
2023-09 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 (KB5030184)	.NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability in DiaSymReader.dll when reading a corrupted PDB file and WPF XAML parser where an unsandboxed parser can lead to Remote Code Execution.	KB5030184	N/A
2023-09 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5030213)	This security update includes quality improvements: This update supports daylight saving time (DST) changes in Israel. This update addresses an issue that affects remote procedure calls (RPC) to the Win32_User or Win32_Group WMI class. This update addresses an issue that affects the LanmanServer Service. This update addresses an issue that affects authentication. Using a smart card to join or rejoin a computer to an Active Directory domain might fail.	KB5030213	N/A

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Security Patches: BD Pyxis™ CII Safe ES

September 2023

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Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
2023-09 Cumulative Update for Windows 10 Version 1809 for x64-based Systems	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.	KB5030214	N/A
2023-09 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	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.	KB5030178	N/A

Windows Malicious Software Removal Tool x64 - v5.117	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month. If you want to manually run the tool on your computer, you can download a copy from the Microsoft Download Center, or you can run an online version from microsoft.com. This tool is not a replacement for an antivirus product. To help protect your computer, you should use an antivirus product.	KB890830	N/A
2023-09 Cumulative Update for Windows 10 Version 21H2 for x64-based System	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.	KB5030211	N/A
2023-09 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 21H2 for x64	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.	KB5030179	N/A
2021-01 Update for Windows 10 Version 1809 for x64-based Systems	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.	KB4589208	N/A

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Security Patches: BD Pyxis™ IV Prep

September 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for September 2023. These patches were not found to adversely affect BD products and will be applied according to customers' service agreements.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
2023-09 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 (KB5030184)	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.	KB5030184	N/A
Windows Malicious Software Removal Tool x64 - v5.117 (KB890830)	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month. If you want to manually run the tool on your computer, you can download a copy from the Microsoft Download Center, or you can run an online version from microsoft.com. This tool is not a replacement for an antivirus product. To help protect your computer, you should use an antivirus product.	KB890830	N/A

2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5030209)	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.	KB5030209	N/A
2023-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5030269)	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.	KB5030269	N/A
2023-09 Security Only Update 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 (KB5030175))	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.	KB5030175	N/A
2023-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5030287)	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.	KB5030287	N/A
2023-09 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5030329)	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.	KB5030329	N/A

2023-09 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5030213)	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.	KB5030213	N/A
2023-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5030504)	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.	KB5030504	N/A

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Security Patches: BD Pyxis™ PARx™

September 2023

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Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64 - v5.117	Windows Malicious Software Removal Tool (MSRT) 5.117 helps remove malicious software from computers running Windows11, Windows 10, Windows 8.1, Windows Server 2012 R2, Windows 8, Windows Server 2012, Windows 7, or Windows Server 2008.	KB890830	N/A
2023-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	The remote Windows host is missing security update 5030213. It is, therefore, affected by multiple vulnerabilities DHCP Server Service Denial of Service Vulnerability (CVE-2023-38162) Windows GDI Elevation of Privilege Vulnerability (CVE-2023-36804, CVE-2023-38161) DHCP Server Service Information Disclosure Vulnerability (CVE-2023-36801, CVE-2023-38152)	KB5030213	N/A

<p>2023-09 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems</p>	<p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	<p>KB5030504</p>	<p>N/A</p>
<p>2023-09 Security and Quality Rollup for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7</p>	<p>The following articles contain additional information about this update as it relates to individual product versions.</p> <p>5029938 Description of the Security and Quality Rollup for .NET Framework 3.5.1 for Windows Embedded 7 Standard and Windows Server 2008 R2 SP1 (KB5029938)</p> <p>5029933 Description of the Security and Quality Rollup for .NET Framework 4.6.2 for Windows Embedded 7 Standard and Windows Server 2008 R2 SP1 and Windows Server 2008 SP2 (KB5029933)</p> <p>5029929 Description of the Security and Quality Rollup for .NET Framework 4.8 for Windows Embedded 7 Standard and Windows Server 2008 R2 SP1 (KB5029929)</p>	<p>KB5030182</p>	<p>N/A</p>
<p>2023-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems</p>	<p>This cumulative security update contains improvements that are part of update KB5029296 (released August 8, 2023). This update also makes improvements for the following issues:</p> <p>The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.</p> <p>This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog.</p>	<p>KB5030265</p>	<p>N/A</p>

<p>2023-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems</p>	<p>This update makes improvements for the following issues:</p> <p>The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.</p> <p>This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog.</p>	<p>KB5030261</p>	<p>N/A</p>
<p>2023-09 Security Only Update for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2008 R2 for x64</p>	<p>The following articles contain additional information about this update as it relates to individual product versions.</p> <p>5029948 Description of the Security Only Update for .NET Framework 3.5.1 for Windows Embedded 7 Standard and Windows Server 2008 R2 SP1 (KB5029948)</p> <p>5029946 Description of the Security Only Update for .NET Framework 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows Embedded 7 Standard and Windows Server 2008 R2 SP1 and Windows Server 2008 SP2 (KB5029946)</p> <p>5029944 Description of the Security Only Update for .NET Framework 4.8 for Windows Embedded 7 Standard and Windows Server 2008 R2 SP1 (KB5029944)</p>	<p>KB5030173</p>	<p>N/A</p>
<p>2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x64-based systems</p>	<p>The improvements that are included in this Internet Explorer update are also included in the September 2023 Monthly Rollup. Installing either this Internet Explorer update or the Monthly Rollup installs the same improvements.</p> <p>This update is not applicable for installation on a device on which the Monthly Rollup from September 2023 (or a later month) is already installed. This is because that update contains all the same improvements that are included in this Internet Explorer update.</p> <p>If you use update management processes other than Windows Update and you automatically</p>	<p>KB5030209</p>	<p>N/A</p>

approve all security update classifications for deployment, this update, the September 2023 Security-Only Update, and the September 2023 Monthly Rollup are deployed. We recommend that you review your update deployment rules to make sure that the desired updates are deployed.

If you install a language pack after you install this update, you must reinstall this update. Therefore, we recommend that you install any language packs that you need before you install this update. For more information, see [Add language packs to Windows](#).

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Security Patches: BD Pyxis™ MedStation™ 4000

September 2023

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Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64 - v5.117	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2023-09 Cumulative Update for Windows Server 2016 for x64-based Systems	<ul style="list-style-type: none">This update supports daylight saving time (DST) changes in Israel.This update addresses an issue that affects remote procedure calls (RPC) to the Win32_User or Win32_Group WMI class. The domain member that runs the RPC contacts the primary domain controller (PDC). When multiple RPCs occur at the same time on many domain members, this might overwhelm the PDC.	KB5030213	N/A
2023-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems	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.	KB5030504	N/A
Windows Malicious Software Removal Tool - v5.117	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2023-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	<ul style="list-style-type: none">This update supports daylight saving time (DST) changes in Israel.This update addresses an issue that affects remote procedure calls (RPC) to the Win32_User or Win32_Group WMI class. The domain member that runs the RPC contacts the primary domain controller (PDC). When multiple RPCs occur at the same time on many domain members, this might overwhelm the PDC.	KB5030213	N/A

2023-09 Security Only Quality Update for Windows Server 2008 for x86-based Systems	<p>This update makes improvements for the following issues:</p> <ul style="list-style-type: none"> ▪ The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted. ▪ This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog. 	KB5030286	N/A
2023-09 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems	<p>This cumulative security update contains improvements that are part of update KB5030271 (released August 8, 2023). This update also makes improvements for the following issues:</p> <ul style="list-style-type: none"> ▪ The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted. ▪ This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog. 	KB5030271	N/A
2023-09 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems	<p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates</p>	KB5030504	N/A
2023-09 Security and Quality Rollup for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7	<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>	KB5030182	N/A
2023-09 Security Only Update for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7	<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.</p>	KB5030173	N/A
2023-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	<p>This cumulative security update contains improvements that are part of update KB5029296 (released August 8, 2023). This update also makes improvements for the following issues:</p> <ul style="list-style-type: none"> ▪ The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted. ▪ This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog. 	KB5030265	N/A

<p>2023-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems</p>	<p>This update makes improvements for the following issues:</p> <ul style="list-style-type: none"> ▪ The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted. ▪ This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog. 	<p>KB5030261</p>	<p>N/A</p>
<p>2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems</p>	<p>This security update resolves vulnerabilities in Internet Explorer.</p>	<p>KB5030209</p>	<p>N/A</p>

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Security Patches:

BD Pyxis™ Anesthesia Station 4000

September 2023

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Microsoft® patches

Patch name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64 - v5.117	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2023-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	<ul style="list-style-type: none">This update supports daylight saving time (DST) changes in Israel.This update addresses an issue that affects remote procedure calls (RPC) to the Win32_User or Win32_Group WMI class. The domain member that runs the RPC contacts the primary domain controller (PDC). When multiple RPCs occur at the same time on many domain members, this might overwhelm the PDC.	KB5030213	N/A
2023-09 Security and Quality Rollup for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7	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.	KB5030182	N/A
2023-09 Security Only Update for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7	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.	KB5030173	N/A

2023-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	<p>This cumulative security update contains improvements that are part of update KB5029296 (released August 8, 2023). This update also makes improvements for the following issues:</p> <ul style="list-style-type: none"> ▪ The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted. ▪ This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog. 	KB5030265	N/A
2023-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	<p>This update makes improvements for the following issues:</p> <ul style="list-style-type: none"> ▪ The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted. ▪ This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog. 	KB5030261	N/A
2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems	<p>This security update resolves vulnerabilities in Internet Explorer.</p>	KB5030209	N/A
2023-09 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems	<p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates</p>	KB5030504	N/A

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Security Patches: BD Pyxis™ C^{II}Safe

September 2023

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Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
2023-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems (KB5030265)	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.	KB5030265	N/A
2023-09 Security and Quality Rollup for .NET Framework 3.5.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7 (KB5030182)	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.	KB5030182	N/A
2023-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems (KB5030261)	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.	KB5030261	N/A
2023-09 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 for x64 (KB5029924)	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.	KB5029924	N/A

Windows Malicious Software Removal Tool x64 - v5.117 (KB890830)	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month. If you want to manually run the tool on your computer, you can download a copy from the Microsoft Download Center, or you can run an online version from microsoft.com. This tool is not a replacement for an antivirus product. To help protect your computer, you should use an antivirus product.	KB890830	N/A
2023-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems (KB5030213)	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.	KB5030213	N/A
2023-09 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems (KB5030504)	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.	KB5030504	N/A

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Security Patches: BD Pyxis™ Logistics

September 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for September 2023. These patches were not found to adversely affect BD Pharmagistics products and will be applied according to customers' service agreements.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month. If you want to manually run the tool on your computer, you can download a copy from the Microsoft Download Center, or you can run an online version from microsoft.com. This tool is not a replacement for an antivirus product. To help protect your computer, you should use an antivirus product.	KB890830	N/A

<p>2023-09 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5030214) Last Modified: 9/12/2023</p>	<p>Improvements</p> <p>This security update includes improvements. When you install this KB:</p> <p>This update supports daylight saving time (DST) changes in Israel.</p> <p>This update addresses an issue that affects the Microsoft Distributed Transaction Coordinator (DTC). It has a handle leak. Because of this, the system runs out of memory.</p> <p>This update addresses an issue that affects the Resultant Set of Policy (RSOP). The Windows LAPS "BackupDirectory" policy setting was not being reported. This occurs when the setting is set to 1, which is "Back up to AAD."</p>	<p><u>KB5030214</u></p>	<p>N/A</p>
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<p>2023-09 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5030178) Last Modified: 9/12/2023</p>	<p>Summary</p> <p>This article describes the security and Cumulative Update for 3.5, 4.7.2 and 4.8 for Windows 10, version 1809 and Windows Server 2019.</p> <p>Security Improvements</p> <p>CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability. For more information see CVE 2023-36796.</p> <p>CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability. For more information see CVE-2023-36792.</p> <p>CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability. For more information see CVE-2023-36793.</p> <p>CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability. For more information see CVE-2023-36794.</p> <p>CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability. For more information see CVE 2023-36788.</p>	<p><u>KB5030178</u></p>	<p>N/A</p>
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<p>Security Update for SQL Server 2019 RTM CU (KB5021124) Last Modified: 2/14/2023</p>	<p>Summary This security update contains four fixes and resolves vulnerabilities. To learn more about the vulnerabilities, see the following security advisories:</p> <p>CVE-2023-21528 - Microsoft SQL Server Remote Code Execution Vulnerability</p> <p>CVE-2023-21704 - Microsoft ODBC Driver for SQL Server Remote Code Execution Vulnerability</p> <p>CVE-2023-21705 - Microsoft SQL Server Remote Code Execution Vulnerability</p> <p>CVE-2023-21713 - Microsoft SQL Server Remote Code Execution Vulnerability</p> <p>CVE-2023-21718 - Microsoft SQL ODBC Driver Remote Code Execution Vulnerability</p>	<p>KB5021124</p>	<p>N/A</p>
<p>2022-11 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5020685) Last Modified: 11/8/2022</p>	<p>Summary This article describes the Cumulative Update for 3.5, 4.7.2 and 4.8 for Windows 10, version 1809 and Windows Server 2019.</p> <p>Security Improvements This security update addresses a vulnerability which exists in System.Data.SqlClient and Microsoft.Data.SqlClient libraries where a timeout occurring under high load can cause incorrect data to be returned as the result of an asynchronously executed query or command. For more information please see CVE-2022-41064.</p>	<p>KB5020685</p>	<p>N/A</p>
<p>2023-09 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5030213) Last Modified: 9/12/2023</p>	<p>Improvements This security update includes quality improvements. When you install this KB:</p> <p>This update supports daylight saving time (DST) changes in Israel. This update addresses an issue that affects remote procedure calls (RPC) to the Win32_User or Win32_Group WMI class.</p> <p>This update addresses an issue that affects the LanmanServer Service.</p> <p>This update addresses an issue that affects authentication.</p>	<p>KB5030213</p>	<p>N/A</p>

<p>2023-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5030504) Last Modified: 9/12/2023</p>	<p>Summary This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	<p>KB5030504</p>	<p>N/A</p>
<p>2023-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5030269) Last Modified: 9/12/2023</p>	<p>Improvements This cumulative security update includes improvements that are part of update KB5029312 (released August 8, 2023). This update also makes improvements for the following issues:</p> <p>The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.</p> <p>The LanmanServer Service might crash in clusters that do not have an Administrative Access Point, also known as AD-Detached Clusters.</p> <p>Authentication to join or re-join a computer to an Active Directory domain might fail when a user uses a Smart Card.</p> <p>This update includes changes to Israel daylight saving time (DST).</p>	<p>KB5030269</p>	<p>N/A</p>
<p>2023-09 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 (KB5030184)</p>	<p>Summary Security Improvements</p> <p>CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability. For more information see CVE 2023-36796.</p> <p>CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability. For more information see CVE-2023-36792.</p> <p>CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability. For more information see CVE-2023-36793.</p> <p>CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability. For more information see CVE-2023-36794.</p> <p>CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability This security update addresses a vulnerability. For more information see CVE 2023-36788.</p>	<p>KB5030184</p>	<p>N/A</p>

<p>2023-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems (KB5030265) Last Modified: 9/12/2023</p>	<p>Improvements This cumulative security update contains improvements that are part of update KB5029296 (released August 8, 2023). This update also makes improvements for the following issues:</p> <p>The renaming of local temporary user policy files during Group Policy processing might cause registry settings under Policies related paths to be deleted.</p> <p>This update includes changes to Israel daylight saving time (DST). For more information, see the Daylight Saving Time & Time Zone Blog.</p>	<p>KB5030265</p>	<p>N/A</p>
<p>2023-09 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems (KB5030211) Last Modified: 9/12/2023</p>	<p>Windows 10 servicing stack update - 19044.3385 and 19045.3385 This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) ensure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	<p>KB5030211</p>	<p>N/A</p>
<p>2023-09 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 (KB5030180) Last Modified: 9/12/2023</p>	<p>Summary This article describes the security and Cumulative Update for 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2.</p> <p>Security Improvements CVE-2023-36796 - .NET Framework Remote Code Execution Vulnerability For more information see CVE 2023-36796. CVE-2023-36792 - .NET Framework Remote Code Execution Vulnerability For more information see CVE-2023-36792. CVE-2023-36793 - .NET Framework Remote Code Execution Vulnerability For more information see CVE-2023-36793. CVE-2023-36794 - .NET Framework Remote Code Execution Vulnerability For more information see CVE-2023-36794. CVE-2023-36788 - .NET Framework Remote Code Execution Vulnerability For more information see CVE 2023-36788.</p>	<p>KB5030180</p>	<p>N/A</p>

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