

Security Patches: Security Module

February 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for February 2024. 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 - v5.121 (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.	KB890830	N/A
2024-02 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5034866)	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates.	KB5034866	N/A
2024-02 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5034767)	This update addresses an issue that affects the download of device metadata. Downloads from the Windows Metadata and Internet Services (WMIS) over HTTPS are now more secure.	KB5034767	N/A
2024-02 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5034862)	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates.	KB5034862	N/A
2024-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5034683)	There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements.	KB5034683	N/A

2024-02 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5034768)	This update addresses an issue that affects a local account. You cannot sign in to an account that Windows LAPS manages. This occurs if you set the "Require Smart Card for Interactive Logon" policy.	KB5034768 N/A
2024-02 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5034819)	A renewed signing certificate to the Secure Boot DB variable on UEFI Secure Boot systems. With this release, customers can "opt-in" to use the renewed certificate.	KB5034819 N/A
2024-02 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 (KB5034689)	This update is included in the Security and Quality Rollup that's dated February 13, 2024. Parts of this update were previously released in the rollup that's dated January 9, 2024.	KB5034689 N/A

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Security Patches: BD Pyxis™ Medstation ES

February 2024

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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
2024-02 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 for x64	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..	KB5034614	N/A
2024-02 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.	KB5034767	N/A
Windows Malicious Software Removal Tool x64 - v5.121	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

2024-02 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	KB5034862	N/A
2024-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	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.	KB5034683	N/A
2024-02 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.	KB5034768	N/A
2024-02 .NET 6.0.27 Security Update for x64 Client	2024-02 .NET 6.0.27 Security Update for x64 Client (KB5035119)	KB5035119	N/A
2024-02 Cumulative Update for Windows 10 Version 21H2 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.	KB5034763	N/A
2024-02 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 21H2 for x64	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.	KB5034684	N/A

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Security Patches: BD Pyxis™ SupplyStation™

February 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for February 2024. 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
2024-02 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5034819)	This cumulative security update includes improvements that are part of update KB5034171 (released January 9, 2024). This update adds the following improvements: <ul style="list-style-type: none">A renewed signing certificate to the Secure Boot DB variable on UEFI Secure Boot systems. With this release, customers can “opt-in” to use the renewed certificate.Device Metadata Retrieval Client (DMRC) support for secure download of device metadata from Device Metadata Retrieval Client (WMIS) over HTTPS.	KB5034819	N/A
2024-02 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64 (KB5034614)	<p>Security Improvements</p> <ul style="list-style-type: none">There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements. <p>Quality and Reliability Improvements</p> <ul style="list-style-type: none">There are no new Quality and Reliability Improvements in this update.	KB5034614	N/A
2024-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5034683)	<p>Security Improvements</p> <ul style="list-style-type: none">There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements. <p>Quality and Reliability Improvements</p> <ul style="list-style-type: none">For a list of improvements that were released with this update, please see the article links in the Additional Information section of this article.	KB5034683	N/A

<p>2024-02 Cumulative Update for Windows Server 2019 for x64- based Systems (KB5034768)</p>	<p>This security update includes improvements. When you install this KB:</p> <ul style="list-style-type: none"> • This update addresses an issue that affects the download of device metadata. Downloads from the Windows Metadata and Internet Services (WMIS) over HTTPS are now more secure. • This update addresses an issue that affects a local account. You cannot sign in to an account that Windows LAPS manages. This occurs if you set the "Require Smart Card for Interactive Logon" policy. • This update addresses an issue that affects Windows Management Instrumentation (WMI). A caching issue occurs. The issue causes CurrentTimeZone to change to the wrong value. • This update addresses an issue that affects the Windows nesting limit. You can now set it to a low of 35 instead of 50. This is the registry value in HKLM\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Windows\USERNestedWindowLimit. To learn more, see What is the window nesting limit?. Do not change this limit unless a kernel stack overflow and a recursion in DestroyWindow() cause stop errors. • This update affects Unified Extensible Firmware Interface (UEFI) Secure Boot systems. It adds a renewed signing certificate to the Secure Boot DB variable. You can now opt for this change. For more details, see KB5036210. • This update includes quarterly changes to the Windows Kernel Vulnerable Driver Blocklist file, DriverSiPolicy.p7b. It adds to the list of drivers that are at risk for Bring Your Own Vulnerable Driver (BYOVD) attacks. • This update changes a setting in Active Directory Users & Computers. By default, the snap-in now uses a strong certificate mapping of X509IssuerSerialNumber. It does not use the weak mapping of x509IssuerSubject. • This update addresses an issue that affects the Local Security Authority Subsystem Service (LSASS). It might stop working. This occurs when you access the Active Directory database. 	KB5034768	N/A
<p>2024-02 Servicing Stack Update for Windows Server 2016 for x64- based Systems (KB5034862)</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> <ul style="list-style-type: none"> • Additionally, this update adds a renewed signing certificate to the Secure Boot DB variable on UEFI Secure Boot systems. With this release, customers can "opt-in" to use the renewed certificate. 	KB5034862	N/A
<p>2024-02 Cumulative Update for Windows Server 2016 for x64-</p>	<p>This security update includes quality improvements. When you install this KB:</p> <ul style="list-style-type: none"> • This update affects Unified Extensible Firmware Interface (UEFI) Secure Boot systems. It adds a renewed signing certificate to the 	KB5034767	N/A

based Systems (KB5034767)	Secure Boot DB variable. You can now opt for this change. For more details, see KB5036210.		<ul style="list-style-type: none"> This update addresses an issue that affects the download of device metadata. Downloads from the Windows Metadata and Internet Services (WMIS) over HTTPS are now more secure.
2024-02 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 (KB5034689)	<p>Security Improvements</p> <ul style="list-style-type: none"> There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements. <p>Quality and Reliability Improvements</p> <ul style="list-style-type: none"> For a list of improvements that were released with this update, please see the article links in the Additional Information section of this article. 	KB5034689	N/A
2024-02 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5034866)	<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> <ul style="list-style-type: none"> Additionally, this update adds a renewed signing certificate to the Secure Boot DB variable on UEFI Secure Boot systems. With this release, customers can “opt-in” to use the renewed certificate. 	KB5034866	N/A
Windows Malicious Software Removal Tool x64 - v5.115	<p>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.</p>	KB890830	N/A

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Security Patches: BD Pyxis™ IV Prep

February 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for February 2024. 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
2024-02 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5034819)	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.	KB5034819	N/A
2024-02 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 (KB5034689)	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.	KB5034689	N/A

Windows Malicious Software Removal Tool x64 - v5.121 (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
2024-02 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5034866)	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.	KB5034866	N/A
2024-02 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5034862)	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.	KB5034862	N/A
2024-02 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5034767)	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.	KB5034767	N/A

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Security Patches: BD Pyxis™ Enterprise Server

February 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for February 2024. 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
2024-02 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.	KB5034768	N/A
2024-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64	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.	KB5034683	N/A

Windows Malicious Software Removal Tool x64 - v5.121	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
2024-02 .NET 6.0.27 Security Update for x64 Server	2024-02 .NET 6.0.27 Security Update for x64 Server (KB5035119)	KB5035119	N/A
2024-02 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.	KB5034866	N/A
2024-02 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	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.	KB5034689	N/A
2024-02 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.	KB5034819	N/A
2024-02 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.	KB5034862	N/A

2024-02 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.

[KB5034767](#)

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Security Patches:

BD Pyxis™ Anesthesia Station ES

February 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for February 2024. 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
2024-02 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.	KB5034768	N/A
2024-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	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.	KB5034683	N/A
Windows Malicious Software Removal Tool x64 - v5.121	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

2024-02 .NET 6.0.27 Security Update for x64 Client	2024-02 .NET 6.0.27 Security Update for x64 Client (KB5035119)	KB5035119	N/A
2024-02 Cumulative Update for Windows 10 Version 21H2 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.	KB5034763	N/A
2024-02 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 21H2 for x64	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.	KB5034684	N/A
2024-02 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.	KB5034767	N/A
2024-02 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	KB5034862	N/A
2024-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	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.	KB5034683	N/A

2024-02 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.

[KB5034768](#)

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Security Patches: BD Pyxis™ CII Safe

February 2024

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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
2024-02 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 for x64 (KB5034614)	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.	KB5034614	N/A
2024-02 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems (KB5034862)	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.	KB5034862	N/A
2024-02 Cumulative Update for Windows 10 Version 1607 for x64-based Systems (KB5034767)	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.	KB5034767	N/A

Windows Malicious
Software Removal
Tool x64 - v5.121
(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](#)

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Security Patches: BD Pyxis™ Logistics

February 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for February 2024. These patches were not found to adversely affect BD Pharmogistics 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
2024-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5034683) Last Modified: 2/13/2024	<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>There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements.</p> <p>Quality and Reliability Improvements</p> <p>For a list of improvements that were released with this update, please see the article links in the Additional Information section of this article.</p>	KB5034683	N/A

<p>2024-02 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5034768)</p>	<p>Improvements</p> <p>This security update includes improvements. When you install this KB:</p> <p>This update addresses an issue that affects the download of device metadata. Downloads from the Windows Metadata and Internet Services (WMIS) over HTTPS are now more secure.</p> <p>This update addresses an issue that affects a local account. You cannot sign in to an account that Windows LAPS manages. This occurs if you set the "Require Smart Card for Interactive Logon" policy.</p> <p>This update addresses an issue that affects Windows Management Instrumentation (WMI). A caching issue occurs. The issue causes CurrentTimeZone to change to the wrong value.</p>	<p>KB5034768</p>	<p>N/A</p>
<p>2024-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5034273)</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-2023-36042 – .NET Framework Denial of Service Vulnerability</p> <p>CVE-2024-0056 – .NET Framework Security Feature Bypass Vulnerability</p> <p>CVE-2024-0057 – .NET Framework Security Feature Vulnerability</p> <p>CVE-2024-21312 – .NET Framework Denial of Service Vulnerability</p>	<p>KB5034273</p>	<p>N/A</p>
<p>2024-02 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5034862)</p> <p>Last Modified: 2/13/2024</p>	<p>Summary</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>Additionally, this update adds a renewed signing certificate to the Secure Boot DB variable on UEFI Secure Boot systems. With this release, customers can "opt-in" to use the renewed certificate.</p>	<p>KB5034862</p>	<p>N/A</p>

<p>2024-02 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5034767)</p>	<p>Improvements</p> <p>This security update includes quality improvements. When you install this KB:</p> <p>This update affects Unified Extensible Firmware Interface (UEFI) Secure Boot systems. It adds a renewed signing certificate to the Secure Boot DB variable. You can now opt for this change. For more details, see KB5036210.</p> <p>This update addresses an issue that affects the download of device metadata. Downloads from the Windows Metadata and Internet Services (WMIS) over HTTPS are now more secure.</p>	<p>KB5034767</p>	<p>N/A</p>
<p>2024-02 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5034866)</p>	<p>Summary</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>Additionally, this update adds a renewed signing certificate to the Secure Boot DB variable on UEFI Secure Boot systems. With this release, customers can “opt-in” to use the renewed certificate.</p>	<p>KB5034866</p>	<p>N/A</p>
<p>2024-02 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 (KB5034689)</p>	<p>Summary</p> <p>Security Improvements</p> <p>There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements.</p> <p>Quality and Reliability Improvements</p> <p>For a list of improvements that were released with this update, please see the article links in the Additional Information section of this article.</p>	<p>KB5034689</p>	<p>N/A</p>

2024-02 Security Monthly
Quality Rollup for
Windows Server 2012 R2
for x64-based Systems
(KB5034819)

Last Modified: 2/13/2024

Improvements

This cumulative security update includes improvements that are part of update KB5034171 (released January 9, 2024). This update adds the following improvements:

A renewed signing certificate to the Secure Boot DB variable on UEFI Secure Boot systems. With this release, customers can “opt-in” to use the renewed certificate.

Device Metadata Retrieval Client (DMRC) support for secure download of device metadata from Device Metadata Retrieval Client (WMIS) over HTTPS.

[KB5034819](#)

N/A

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Security Patches: BD Pyxis™ MedStation™ 4000

February 2024

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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 - v5.121	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software 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.	KB890830	N/A
2024-02 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.	KB5034767	N/A
2024-02 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.	KB5034862	N/A
2024-02 Servicing Stack Update for Windows Server 2016 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.	KB5034862	N/A
2024-02 Cumulative Update for Windows Server 2016 for x64-based Systems	This update addresses an issue that affects the download of device metadata. Downloads from the Windows Metadata and Internet Services (WMIS) over HTTPS are now more secure.	KB5034767	N/A

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Security Patches: BD Pyxis™ Anesthesia Station 4000

February 2024

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Microsoft® patches

Patch name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64 - v5.121	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software 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.	KB890830	N/A
2024-02 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.	KB5034862	N/A
2024-02 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.	KB5034767	N/A

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Security Patches: BD Pyxis Connect

February 2024

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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 to maintain the correct security posture of the system(s).

Microsoft® patches

Patch name	Description	Patch ID	Notes
2024-02 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64 (KB5034614)	<p>Security Improvements</p> <ul style="list-style-type: none">There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements. <p>Quality and Reliability Improvements</p> <p>There are no new Quality and Reliability Improvements in this update.</p> <p>ASP.NET - Addresses an issue with "System.ArgumentException: Illegal characters in path" in some ASP.Net MVC requests.</p> <p>.NET Libraries - Addresses an issue where version of the OSS zlib library is out of date.</p>	KB5034614	N/A
2024-02 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5034862)	<p>This security update includes 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>Additionally, this update adds a renewed signing certificate to the Secure Boot DB variable on UEFI Secure Boot systems. With this release, customers can "opt-in" to use the renewed certificate.</p>	KB5034862	N/A

2024-02 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5034767)	This security update includes quality improvements. When you install this KB:	KB5034767	N/A
	<ul style="list-style-type: none"> Affects Unified Extensible Firmware Interface (UEFI) Secure Boot systems. It adds a renewed signing certificate to the Secure Boot DB variable. You can now opt for this change. This update addresses an issue that affects the download of device metadata. Downloads from the Windows Metadata and Internet Services (WMIS) over HTTPS are now more secure. 		
2024-02 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems (KB5034763)	This update addresses security issues for your Windows operating system. Also, it 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.	KB5034763	N/A
Windows Malicious Software Removal Tool x64 - v5.121 (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
2024-02 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 (KB5034685)	There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements.	KB5034685	N/A
	Additionally, this update as it relates to individual product versions.		
	<ul style="list-style-type: none"> 5034468 Description of the Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10 Version 21H2 and Windows 10 Version 22H2 (KB5034468) 5034466 Description of the Cumulative Update for .NET Framework 3.5 and 4.8.1 for Windows 10 Version 21H2 and Windows 10 Version 22H2 (KB5034466) 		

Security Patches: BD Pyxis™ PARx™

February 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for February 2024. 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 - v5.121	Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers running on Windows 10, Windows Server 2019, Windows Server 2016, Windows 8.1, Windows Server 2012 R2, Windows Server 2012, Windows Server 2008 R2, Windows 7, Windows Server 2008.	KB890830	N/A
2024-02 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This security update includes quality improvements. When you install this KB: This update affects Unified Extensible Firmware Interface (UEFI) Secure Boot systems. It adds a renewed signing certificate to the Secure Boot DB variable. This update addresses an issue that affects the download of device metadata. Downloads from the Windows Metadata and Internet Services (WMIS) over HTTPS are now more secure. If you installed earlier updates, only the new updates contained in this package will be downloaded and installed on your device.	KB5034767	N/A

2024-02 Servicing Stack
Update for Windows 10
Version 1607 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. Additionally, this update adds a renewed signing certificate to the Secure Boot DB variable on UEFI Secure Boot systems. With this release, customers can “opt-in” to use the renewed certificate.

[KB5034862](#)

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Security Patches:

BD Pyxis™ Tissue & Implant Management System

February 2024

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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 - v5.121	<p>The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems:</p> <ul style="list-style-type: none">Windows 10Windows Server 2019Windows Server 2016Windows 8.1Windows Server 2012 R2Windows Server 2012Windows Server 2008 R2Windows 7Windows Server 2008 <p>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</p> <p>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.</p>	KB890830	N/A

<p>2024-02 Cumulative Update for Windows Server 2016 for x64-based Systems</p>	<p>This security update includes quality improvements. When you install this KB: This update affects Unified Extensible Firmware Interface (UEFI) Secure Boot systems. It adds a renewed signing certificate to the Secure Boot DB variable. You can now opt for this change. For more details, see KB5036210.</p> <p>This update addresses an issue that affects the download of device metadata. Downloads from the Windows Metadata and Internet Services (WMIS) over HTTPS are now more secure.</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 February 2024 Security Updates.</p>	<p>KB5034767</p>	<p>N/A</p>
<p>2024-02 Servicing Stack Update for Windows Server 2016 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>Additionally, this update adds a renewed signing certificate to the Secure Boot DB variable on UEFI Secure Boot systems. With this release, customers can “opt-in” to use the renewed certificate.</p>	<p>KB5034862</p>	<p>N/A</p>
<p>2024-02 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64</p>	<p>Security Improvements There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements.</p> <p>Quality and Reliability Improvements There are no new Quality and Reliability Improvements in this update.</p> <p>ASP.NET - Addresses an issue with "System.ArgumentException: Illegal characters in path" in some ASP.Net MVC requests.</p> <p>.NET Libraries - Addresses an issue where version of the OSS zlib library is out of date.</p>	<p>KB5034614</p>	<p>N/A</p>

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Security Patches: BD Pyxis™ CII Safe ES

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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
2024-02 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.	KB5034768	N/A
2024-02 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	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.	KB5034683	N/A

Windows Malicious Software Removal Tool x64 - v5.121	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
2024-02 .NET 6.0.27 Security Update for x64 Client	2024-02 .NET 6.0.27 Security Update for x64 Client (KB5035119)	KB5035119	N/A
2024-02 Cumulative Update for Windows 10 Version 21H2 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.	KB5034763	N/A
2024-02 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 21H2 for x64	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.	KB5034684	N/A

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