

Security Patches:

BD Pyxis™ Anesthesia Station 4000

July 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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 - v5.115	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2023-07 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This update addresses an issue that affects Microsoft Edge IE mode. The text on the status bar is not always visible. This update addresses an issue that affects Microsoft Edge IE mode. Pop-up windows open in the background instead of in the foreground. The update addresses an issue that affects a site that is in Microsoft Edge IE mode. The site does not transition out of IE mode when it is expected.	KB5028169	N/A
2023-07 Servicing Stack Update for Windows Embedded Standard 7 for x86-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.	KB5028264	N/A
2023-07 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems	This cumulative security update contains improvements that are part of update KB5027275 (released June 13, 2023). This update also contains miscellaneous security improvements to internal Windows OS functionality. No specific issues are documented for this release.	KB5028240	N/A

2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems	This security update resolves vulnerabilities in Internet Explorer.	KB5028167	N/A
2023-07 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This update contains miscellaneous security improvements to internal Windows OS functionality. No additional issues were documented for this release.	KB5028224	N/A

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

July 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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
2023-07 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems (KB5028224)	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.	KB5028224	N/A
2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems (KB5028167)	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	KB5028167	N/A
2023-07 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems (KB5028240)	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.	KB5028240	N/A

<p>2023-07 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems (KB5028264)</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p>KB5028264</p>	<p>N/A</p>
<p>2023-07 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 (KB5028939)</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p>KB5028939</p>	<p>N/A</p>
<p>2023-07 Cumulative Update for Windows 10 Version 1607 for x64-based Systems (KB5028169)</p>	<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>	<p>KB5028169</p>	<p>N/A</p>
<p>2023-07 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 for x64 (KB5028854)</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p>KB5028854</p>	<p>N/A</p>

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Security Patches:

BD Pyxis™ MedStation™ 4000

July 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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 - v5.115	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2023-07 Cumulative Update for Windows Server 2016 for x64-based Systems	This update addresses an issue that affects Microsoft Edge IE mode. The text on the status bar is not always visible. This update addresses an issue that affects Microsoft Edge IE mode. Pop-up windows open in the background instead of in the foreground. The update addresses an issue that affects a site that is in Microsoft Edge IE mode. The site does not transition out of IE mode when it is expected.	KB5028169	N/A
2023-07 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.	KB5028226	N/A
Windows Malicious Software Removal Tool - v5.115	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A

2023-07 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	<p>This update addresses an issue that affects Microsoft Edge IE mode. The text on the status bar is not always visible.</p> <p>This update addresses an issue that affects Microsoft Edge IE mode. Pop-up windows open in the background instead of in the foreground.</p> <p>The update addresses an issue that affects a site that is in Microsoft Edge IE mode. The site does not transition out of IE mode when it is expected.</p>	KB5028169	N/A
2023-07 Servicing Stack Update for Windows Embedded Standard 7 for x86-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>	KB5028264	N/A
2023-07 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems	<p>This cumulative security update contains improvements that are part of update KB5027275 (released June 13, 2023). This update also contains miscellaneous security improvements to internal Windows OS functionality. No specific issues are documented for this release.</p>	KB5028240	N/A
2023-07 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems	<p>This cumulative security update contains improvements that are part of update KB5027279 (released June 13, 2023). This update contains miscellaneous security improvements to internal Windows OS functionality. No specific issues are documented for this release.</p>	KB5028222	N/A
2023-07 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>	KB5028167	N/A
2023-07 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	<p>This update contains miscellaneous security improvements to internal Windows OS functionality. No additional issues were documented for this release.</p>	KB5028224	N/A

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Security Patches: Security Module

July 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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 - v5.115 (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 computer is started. A new version of the tool will be offered every month. This tool is not a replacement for an antivirus product.	KB890830	N/A
2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5028167)	This security update resolves vulnerabilities in Internet Explorer, could affect user's system.	KB5028167	N/A
2023-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5028228)	This cumulative security update includes improvements that are part of update KB5027271 (released June 13, 2023). This update also includes the following: <ul style="list-style-type: none">Starting with this release, event logs will be logged from July 11, 2023, to October 10, 2023, to notify customers of the end of support (EOS) for Windows Server 2012 R2 on October 10, 2023.	KB5028228	N/A
2023-07 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5028223)	This update contains miscellaneous security improvements to internal Windows OS functionality. This update also includes the following: <ul style="list-style-type: none">Starting with this release, event logs will be logged from July 11, 2023, to October 10, 2023, to notify customers of the end of support (EOS) for Windows Server 2012 R2 on October 10, 2023.	KB5028223	N/A

2023-07 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5028169)

This security update includes following improvements:

[KB5028169](#) N/A

- This update improves several simplified Chinese fonts and the Microsoft Pinyin Input Method Editor (IME). They now support GB18030-2022. Characters in the Standard Chinese Characters List (GB18030-2022 implementation level 2) are available in Microsoft Yahei (regular, light, and bold), Dengxian (optional font: regular, light, and bold), and Simsun. The Simsun Ext-B font (GB18030-2022 implementation level 3) now supports Unicode CJK Unified Ideographs Extensions E and F.
- This update affects the Desktop Window Manager (DWM). It improves its reliability.
- This update addresses an issue that affects all the registry settings under the Policies paths. They might be deleted. This occurs when you do not rename the local temporary user policy file during Group Policy processing.

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Security Patches: BD Pyxis™ IV Prep

June 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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
2023-07 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5028169)	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.	KB5028169	N/A
Windows Malicious Software Removal Tool x64 - v5.114 (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

<p>2023-07 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5028223)</p>	<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>	<p>KB5028223</p>	<p>N/A</p>
<p>2023-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5028228)</p>	<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>	<p>KB5028228</p>	<p>N/A</p>
<p>2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5028167)</p>	<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>	<p>KB5028167</p>	<p>N/A</p>
<p>Security Update for SQL Server 2014 Service Pack 3 GDR (KB5021037)</p>	<p>Security issues have been identified in the SQL Server 2014 Service Pack 3 GDR that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.</p>	<p>KB5021037</p>	<p>N/A</p>
<p>2023-07 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 (KB5028941)</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p>KB5028941</p>	<p>N/A</p>
<p>2023-07 Security and Quality Rollup for .NET Framework 4.8 for Windows Server 2012 R2 for x64 (KB5028859)</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p>KB5028859</p>	<p>N/A</p>

2023-07 Security and
Quality Rollup for .NET
Framework 3.5 for Windows
Server 2012 R2 for x64
(KB5028872)

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.

[KB5028872](#)

N/A

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Security Patches: BD Pyxis™ Connect

July 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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
2023-07 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5028223)	This update contains miscellaneous security improvements to internal Windows OS functionality. This update also includes the following: <ul style="list-style-type: none">Starting with this release, we will log event logs beginning July 11, 2023, and ending on October 10, 2023, to notify customers of the end of support (EOS) for Windows Server 2012 R2 on October 10, 2023	KB5028223	N/A
2023-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5028228)	This cumulative security update includes improvements that are part of update KB5027271 (released June 13, 2023). This update also includes the following: <ul style="list-style-type: none">Starting with this release, we will log event logs beginning July 11, 2023, and ending on October 10, 2023, to notify customers of the end of support (EOS) for Windows Server 2012 R2 on October 10, 2023.	KB5028228	N/A
Windows Malicious Software Removal Tool x64 - v5.115 (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

2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5028167)	This security update resolves vulnerabilities in Internet Explorer. This update applies to the following: <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 • Internet Explorer 9 on Windows Server 2008 SP2 	KB5028167	N/A
2023-07 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 (KB5028941)	This update is cumulative and contains all previously released security improvements.	KB5028941	N/A
2023-07 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 (KB5028937)	This update describes the Cumulative Update for 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2.	KB5028937	N/A
2023-07 Cumulative Update for Windows 10 Version 22H2 for x64 based systems (KB5028166)	This update addresses security issues for your Windows operating system.	KB5028166	N/A
2023-07 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5028169)	This update includes the following: <ul style="list-style-type: none"> • This update addresses an issue that affects Microsoft Edge IE mode. The text on the status bar is not always visible. • This update addresses an issue that affects Microsoft Edge IE mode. Pop-up windows open in the background instead of in the foreground. • The update addresses an issue that affects a site that is in Microsoft Edge IE mode. The site does not transition out of IE mode when it is expected. 	KB5028169	
2023-07 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64 (KB5028854)	This update is cumulative and contains all previously released security improvements.	KB5028854	

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Security Patches: BD Pyxis™ Logistics

July 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	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>2023-07 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5028169) Last Modified: 7/11/2023</p>	<p>This security update includes quality improvements. When you install this KB:</p> <p>New! This update improves several simplified Chinese fonts and the Microsoft Pinyin Input Method Editor (IME). They now support GB18030-2022. Characters in the Standard Chinese Characters List (GB18030-2022 implementation level 2) are available in Microsoft Yahei (regular, light, and bold), Dengxian (optional font: regular, light, and bold), and Simsun. The Simsun Ext-B font (GB18030-2022 implementation level 3) now supports Unicode CJK Unified Ideographs Extensions E and F.</p> <p>This update affects the Desktop Window Manager (DWM). It improves its reliability.</p> <p>This update addresses an issue that affects all the registry settings under the Policies paths. They might be deleted. This occurs when you do not rename the local temporary user policy file during Group Policy processing.</p>	<p>KB5028169</p>	<p>N/A</p>
<p>2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 for x64-based systems (KB5028167) Last Modified: 7/11/2023</p>	<p>Summary</p> <p>This security update resolves vulnerabilities in Internet Explorer. To learn more about these vulnerabilities, see Deployments Security Update Guide.</p> <p>Additionally, see the following articles for more information about cumulative updates:</p> <p>Windows Server 2008 SP2 update history</p> <p>Windows 7 SP1 and Windows Server 2008 R2 SP1 update history</p> <p>Windows Server 2012 update history</p> <p>Windows 8.1 and Windows Server 2012 R2 update history</p>	<p>KB5028167</p>	<p>N/A</p>

<p>2023-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5028228) Last Modified: 7/11/2023</p>	<p>Improvements</p> <p>This cumulative security update includes improvements that are part of update KB5027271 (released June 13, 2023). This update also includes the following:</p> <p>Starting with this release, we will log event logs beginning July 11, 2023, and ending on October 10, 2023, to notify customers of the end of support (EOS) for Windows Server 2012 R2 on October 10, 2023.</p> <p>For more information about the resolved security vulnerabilities, please refer to the Deployments I Security Update Guide and the July 2023 Security Updates.</p>	<p>KB5028228</p>	<p>N/A</p>
<p>2023-07 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5028223) Last Modified: 7/11/2023</p>	<p>Improvements</p> <p>This update contains miscellaneous security improvements to internal Windows OS functionality. This update also includes the following:</p> <p>Starting with this release, we will log event logs beginning July 11, 2023, and ending on October 10, 2023, to notify customers of the end of support (EOS) for Windows Server 2012 R2 on October 10, 2023.</p> <p>For more information about the resolved security vulnerabilities, please refer to the Deployments I Security Update Guide and the July 2023 Security Updates.</p>	<p>KB5028223</p>	<p>N/A</p>
<p>2023-07 Servicing Stack Update for Windows Server 2008 R2 for x64-based Systems (KB5028264) Last Modified: 7/11/2023</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>KB5028264</p>	<p>N/A</p>

<p>2023-07 Security Monthly Quality Rollup for Windows Server 2008 R2 for x64-based Systems (KB5028240) Last Modified: 7/11/2023</p>	<p>Improvements This cumulative security update contains improvements that are part of update KB5027275 (released June 13, 2023). This update also contains miscellaneous security improvements to internal Windows OS functionality. No specific issues are documented for this release. For more information about the resolved security vulnerabilities, please refer to the Deployments I Security Update Guide and the July 2023 Security Updates.</p>	<p>KB5028240</p>	<p>N/A</p>
<p>2023-07 Security Only Quality Update for Windows Server 2008 R2 for x64-based Systems (KB5028224) Last Modified: 7/11/2023</p>	<p>Improvements This update contains miscellaneous security improvements to internal Windows OS functionality. No additional issues were documented for this release. For more information about the resolved security vulnerabilities, please refer to the Deployments I Security Update Guide and the July 2023 Security Updates.</p>	<p>KB5028224</p>	<p>N/A</p>
<p>2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2008 R2 for x64-based systems (KB5028167) Last Modified: 7/11/2023</p>	<p>Summary This security update resolves vulnerabilities in Internet Explorer. To learn more about these vulnerabilities, see Deployments I Security Update Guide. Additionally, see the following articles for more information about cumulative updates: Windows Server 2008 SP2 update history Windows 7 SP1 and Windows Server 2008 R2 SP1 update history Windows Server 2012 update history Windows 8.1 and Windows Server 2012 R2 update history</p>	<p>KB5028167</p>	<p>N/A</p>

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Security Patches: BD Pyxis™ PARx™

July 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 - v5.115	Windows Malicious Software Removal Tool (MSRT) 5.115 helps remove malicious software from computers running Windows 11, Windows 10, Windows 8.1, Windows Server 2012 R2, Windows 8, Windows Server 2012, Windows 7, or Windows Server 2008.	KB890830	N/A
2023-07 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	The remote Windows host is missing security update 5028169. It is, therefore, affected by multiple vulnerabilities - Windows Routing and Remote Access Service (RRAS) Remote Code Execution Vulnerability (CVE-2023-35365, CVE-2023-35366, CVE-2023-35367) - Windows Netlogon Information Disclosure Vulnerability (CVE-2023-21526) - Windows Win32k Elevation of Privilege Vulnerability (CVE-2023-21756) Note that Nessus has not tested for these issues but has instead relied only on the application's self-reported version number.	KB5028169	N/A

2023-07 Cumulative Security Update for Internet Explorer 11 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.

[KB5028167](#)

N/A

Windows 2007 / Windows Server 2008 R2 Security Update

The remote Windows host is missing security update 5028224. It is, therefore, affected by multiple vulnerabilities

[KB5028224](#)

N/A

- Windows Routing and Remote Access Service (RRAS) Remote Code Execution Vulnerability (CVE-2023-35365, CVE-2023-35366, CVE-2023-35367)

- Windows Netlogon Information Disclosure Vulnerability (CVE-2023-21526)

- Microsoft Failover Cluster Remote Code Execution Vulnerability (CVE-2023-32033)

Note that Nessus has not tested for these issues but has instead relied only on the application's self-reported version number.

2023-07 Security Monthly Quality Rollup 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.

[KB5028240](#)

N/A

2023-07 Servicing Stack
Update for Windows
Embedded Standard 7 for
x86-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.

[KB5028264](#)

N/A

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Security Patches:

BD Pyxis™ Tissue & Implant Management System

July 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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
2023-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems	<p>This cumulative security update includes improvements that are part of update KB5027271 (released June 13, 2023). This update also includes the following:</p> <p>Starting with this release, we will log event logs beginning July 11, 2023, and ending on October 10, 2023, to notify customers of the end of support (EOS) for Windows Server 2012 R2 on October 10, 2023.</p> <p>For more information about the resolved security vulnerabilities, please refer to the Deployments I Security Update Guide and the July 2023 Security Updates.</p>	KB5028228	N/A
2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems	<p>This security update resolves vulnerabilities in Internet Explorer. To learn more about these vulnerabilities, see Deployments I Security Update Guide.</p> <p>Additionally, see the following articles for more information about cumulative updates:</p> <p>Windows Server 2008 SP2 update history</p> <p>Windows 7 SP1 and Windows Server 2008 R2 SP1 update history</p> <p>Windows Server 2012 update history</p>	KB5028167	N/A

Windows 8.1 and Windows Server 2012 R2 update history

This update applies to the following:

Internet Explorer 11 on Windows Server 2012 R2

Internet Explorer 11 on Windows Server 2012

Internet Explorer 11 on Windows Server 2008 R2 SP1

Internet Explorer 9 on Windows Server 2008 SP2

Windows Malicious
Software Removal Tool
x64 - v5.115

The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems:

[KB890830](#)

N/A

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

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.

2023-07 Security Only
Quality Update for
Windows Server 2012 R2
for x64-based Systems

This update contains miscellaneous security improvements to internal Windows OS functionality. This update also includes the following:

[KB5028223](#)

N/A

Starting with this release, we will log event logs beginning July 11, 2023, and ending on October 10, 2023, to notify customers of the end of support (EOS) for Windows Server 2012 R2 on October 10, 2023.

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

2023-07 Cumulative
Update for Windows
Server 2016 for x64-based
Systems

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

[KB5028169](#)

N/A

New! This update improves several simplified Chinese fonts and the Microsoft Pinyin Input Method Editor (IME). They now support GB18030-2022. Characters in the Standard Chinese Characters List (GB18030-2022 implementation level 2) are available in Microsoft Yahei (regular, light, and bold), Dengxian (optional font: regular, light, and bold), and Simsun. The Simsun Ext-B font (GB18030-2022 implementation level 3) now supports Unicode CJK Unified Ideographs Extensions E and F.

This update affects the Desktop Window Manager (DWM). It improves its reliability.

This update addresses an issue that affects all the registry settings under the Policies paths. They might be deleted. This occurs when you do not rename the local temporary user policy file during Group Policy processing.

If you installed earlier updates, only the new updates contained in this package will be downloaded and installed on your device.

2023-07 Cumulative
Update for .NET
Framework 4.8 for
Windows Server 2016 for
x64

There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements.

[KB5028854](#)

N/A

Quality and Reliability Improvements

CLR1 This update addresses a change that affects how you use the X509Certificate, X509Certificate2, or

X509Certificate2Collection classes. When you use them to import a PKCS#12 blob that contains a private key, the calling application might get an exception. The exception message is,
“System.Security.Cryptography.CryptographicException: PKCS12 (PFX) without a supplied password has exceeded maximum allowed iterations. See <https://go.microsoft.com/fwlink/?linkid=2233907> for more information.” To learn more, seeKB5028608.

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Security Patches: BD Pyxis™ Anesthesia Station ES

July 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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
2023-07 Servicing Stack 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.	KB5028264	N/A
2023-07 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.	KB5028240	N/A

Windows Malicious Software Removal Tool x64 - v5.115	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
2023-07 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.	KB5028167	N/A
2023-07 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.	KB5028224	N/A
2023-07 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.	KB5028169	N/A

2023-07 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.	KB5028168	N/A
2023-07 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	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.	KB5028939	N/A
2023-07 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.	KB5028168	N/A
2023-07 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.	KB5028166	N/A

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Security Patches: BD Pyxis™ CII Safe ES

July 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
2023-07 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.	KB5028168	N/A
2023-07 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.	KB5028166	N/A

Windows Malicious Software
Removal Tool x64 - v5.115

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

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Security Patches: BD Pyxis™ Medstation™ ES

July 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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
2023-07 Servicing Stack 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.	KB5028264	N/A
2023-07 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.	KB5028240	N/A

Windows Malicious Software Removal Tool x64 - v5.115	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
2023-07 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.	KB5028167	N/A
2023-07 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.	KB5028224	N/A
2023-07 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.	KB5028169	N/A
2023-07 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.	KB5028168	N/A

2023-07 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. [KB5028166](#) N/A

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Security Patches: BD Pyxis™ Enterprise Server

July 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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
2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems	IA 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.	KB5028167	N/A
2023-07 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.	KB5028228	N/A

2023-07 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.	KB5028223	N/A
2023-07 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.	KB5028222	N/A
2023-07 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.	KB5028226	N/A
Windows Malicious Software Removal Tool x64 - v5.115	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

2023-07 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. [KB5028168](#) N/A

2023-07 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. [KB5028169](#) N/A



Security Patches: BD Pyxis™ SupplyStation™

July 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for July 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
2023-07 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems (KB5028222)	<p>This cumulative security update contains improvements that are part of update KB5027279 (released June 13, 2023). This update contains miscellaneous security improvements to internal Windows OS functionality. No specific issues are documented for this release.</p> <p>For more information about the resolved security vulnerabilities, please refer to the Deployments I Security Update Guide and the July 2023 Security Updates.</p>	KB5028222	N/A
2023-07 Security Only Quality Update for Windows Server 2008 for x86-based Systems (KB5028226)	<p>This update contains miscellaneous security improvements to internal Windows OS functionality. No additional issues were documented for this release.</p> <p>For more information about the resolved security vulnerabilities, please refer to the Deployments I Security Update Guide and the July 2023 Security Updates.</p>	KB5028226	N/A
2023-07 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems (KB5028240)	<p>This cumulative security update contains improvements that are part of update KB5027275 (released June 13, 2023). This update also contains miscellaneous security improvements to internal Windows OS functionality. No specific issues are documented for this release.</p> <p>For more information about the resolved security vulnerabilities, please refer to the Deployments I Security Update Guide and the July 2023 Security Updates.</p>	KB5028240	N/A

<p>2023-07 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems (KB5028224)</p>	<p>This update contains miscellaneous security improvements to internal Windows OS functionality. No additional issues were documented for this release.</p> <p>For more information about the resolved security vulnerabilities, please refer to the Deployments I Security Update Guide and the July 2023 Security Updates</p>	<p>KB5028224</p>	<p>N/A</p>
<p>2023-07 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems (KB5028264)</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>KB5028264</p>	<p>N/A</p>
<p>2023-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5028228)</p>	<p>This cumulative security update includes improvements that are part of update KB5027271 (released June 13, 2023). This update also includes the following:</p> <ul style="list-style-type: none"> Starting with this release, we will log event logs beginning July 11, 2023, and ending on October 10, 2023, to notify customers of the end of support (EOS) for Windows Server 2012 R2 on October 10, 2023. <p>For more information about the resolved security vulnerabilities, please refer to the Deployments I Security Update Guide and the July 2023 Security Updates.</p>	<p>KB5028228</p>	<p>N/A</p>
<p>2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5028167)</p>	<p>This security update resolves vulnerabilities in Internet Explorer. To learn more about these vulnerabilities, see Deployments I Security Update Guide.</p>	<p>KB5028167</p>	<p>N/A</p>
<p>2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems (KB5028167)</p>	<p>This security update resolves vulnerabilities in Internet Explorer. To learn more about these vulnerabilities, see Deployments I Security Update Guide.</p>	<p>KB5028167</p>	<p>N/A</p>

<p>2023-07 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5028223)</p>	<p>This update contains miscellaneous security improvements to internal Windows OS functionality. This update also includes the following:</p> <ul style="list-style-type: none"> Starting with this release, we will log event logs beginning July 11, 2023, and ending on October 10, 2023, to notify customers of the end of support (EOS) for Windows Server 2012 R2 on October 10, 2023. 	<p>KB5028223</p>	<p>N/A</p>
<p>2023-07 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5028169)</p>	<p>This security update includes quality improvements. When you install this KB:</p> <ul style="list-style-type: none"> New! This update improves several simplified Chinese fonts and the Microsoft Pinyin Input Method Editor (IME). They now support GB18030-2022. Characters in the Standard Chinese Characters List (GB18030-2022 implementation level 2) are available in Microsoft Yahei (regular, light, and bold), Dengxian (optional font: regular, light, and bold), and Simsun. The Simsun Ext-B font (GB18030-2022 implementation level 3) now supports Unicode CJK Unified Ideographs Extensions E and F. This update affects the Desktop Window Manager (DWM). It improves its reliability. This update addresses an issue that affects all the registry settings under the Policies paths. They might be deleted. This occurs when you do not rename the local temporary user policy file during Group Policy processing. 	<p>KB5028169</p>	<p>N/A</p>
<p>2023-07 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64 (KB5028854)</p>	<p>There are no new security improvements in this release. This update is cumulative and contains all previously released security improvements.</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 July 2023 Security Updates.</p>	<p>KB5028854</p>	<p>N/A</p>

<p>2023-07 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5028168)</p>	<p>The update addresses an issue that affects a site that is in Microsoft Edge IE mode. The site does not transition out of IE mode when it is expected.</p> <p>This update addresses an issue that affects Microsoft Edge IE mode. The text on the status bar is not always visible.</p> <p>The update addresses an intermittent issue that affects an audio stream. The issue disrupts the stream.</p>	<p>KB5028168</p>	<p>N/A</p>
<p>2023-07 Cumulative Update for Windows 10 Version 1809 for x64-based Systems (KB5028168)</p>	<p>The update addresses an issue that affects a site that is in Microsoft Edge IE mode. The site does not transition out of IE mode when it is expected.</p> <p>This update addresses an issue that affects Microsoft Edge IE mode. The text on the status bar is not always visible.</p> <p>The update addresses an intermittent issue that affects an audio stream. The issue disrupts the stream.</p>	<p>KB5028168</p>	<p>N/A</p>
<p>Windows Malicious Software Removal Tool x64 - v5.115</p>	<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>	<p>KB890830</p>	<p>N/A</p>

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