

Security Patches:

BD Pyxis™ Tissue & Implant Management System

January 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for January 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 - v5.120	<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

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

This update addresses an issue that affects the ActiveX scroll bar. It does not work in IE mode.

2024-01 Cumulative Update for Windows Server 2016 for x64-based Systems

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

[KB5034119](#)

N/A

For more information about security vulnerabilities, please refer to the new Security Update Guide website and the January 2024 Security Updates.

Security Improvements

CVE-2023-0056 – .NET Framework Security Feature Bypass Vulnerability

This security update addresses a security feature bypass vulnerability detailed in CVE-2023-0056 .

CVE-2023-0057 – .NET Framework Security Feature Vulnerability

2024-01 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64

This security update addresses a elevation of privilege vulnerability detailed in CVE-2023-0057.

[KB5033910](#)

N/A

CVE-2023-21312 – .NET Framework Denial of Service Vulnerability

This security update addresses a denial of service vulnerability detailed in CVE-2023-21312 .

.NET Framework Remote Code Execution Vulnerability

This security update addresses a remote code execution vulnerability to HTTP .NET remoting server channel chain.

Quality and Reliability Improvements

There are no new Quality and Reliability Improvements in this update.

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Security Patches: BD Pyxis Connect

January 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for January 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
2024-01 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64 (KB5033910)	<p>CVE-2024-0056 – .NET Framework Security Feature Bypass Vulnerability This security update addresses a security feature bypass vulnerability detailed in CVE-2024-0056 .</p> <p>CVE-2024-0057 – .NET Framework Security Feature Vulnerability This security update addresses a elevation of privilege vulnerability detailed in CVE-2024-0057.</p> <p>CVE-2024-21312 – .NET Framework Denial of Service Vulnerability This security update addresses a denial of service vulnerability detailed in CVE-2024-21312 .</p> <p>.NET Framework Remote Code Execution Vulnerability This security update addresses a remote code execution vulnerability to HTTP .NET remoting server channel chain.</p>	KB5033910	N/A
2024-01 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5034119)	<p>This security update includes quality improvements. When you install this KB: This update addresses an issue that affects the ActiveX scroll bar. It does not work in IE mode. If you installed earlier updates, only the new updates contained in this package will be downloaded and installed on your device.</p>	KB5034119	N/A
2024-01 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 22H2 for x64 (KB5034275)	<p>CVE-2023-36042 – .NET Framework Denial of Service Vulnerability This security update addresses a security feature bypass vulnerability detailed in CVE-2023-36042.</p> <p>CVE-2024-0056 – .NET Framework Security Feature Bypass Vulnerability This security update addresses a security feature bypass vulnerability detailed in CVE-2024-0056 .</p>	KB5034275	N/A

CVE-2024-0057 – .NET Framework Security Feature Vulnerability
This security update addresses a elevation of privilege vulnerability detailed in CVE-2024-0057.
CVE-2024-21312 – .NET Framework Denial of Service Vulnerability
This security update addresses a denial of service vulnerability detailed in CVE-2024-21312 .
.NET Framework Remote Code Execution Vulnerability
This security update addresses a remote code execution vulnerability to HTTP .NET remoting server channel chain.

2024-01 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems (KB5034112)	This update addresses security issues for your Windows operating system.	KB5034112	N/A
Windows Malicious Software Removal Tool x64 - v5.120 (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



Security Patches: Security Module

January 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for January 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 - v5.120 (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.	KB890830	N/A
2024-01 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5034119)	This security update includes quality improvements. When you install this KB: <ul style="list-style-type: none">This update addresses an issue that affects the ActiveX scroll bar. It does not work in IE mode.	KB5034119	N/A
2024-01 Security Monthly Quality Rollup for Windows Server 2008 R2 for x64-based Systems (KB5034169)	This update contains miscellaneous security improvements to internal Windows OS functionality. No specific issues are documented for this release.	KB5034169	N/A
2024-01 Cumulative Security Update for Internet Explorer 11 for Windows Server 2008 R2 for x64-based systems (KB5034120)	<ul style="list-style-type: none">The improvements that are included in this Internet Explorer update are also included in the January 2024 Monthly Rollup. Installing either this Internet Explorer update or the Monthly Rollup installs the same improvements.This update is not applicable for installation on a device on which the Monthly Rollup from January 2024 (or a later month) is already installed. This is because that update contains all the same improvements that are included in this Internet Explorer update.	KB5034120	N/A

2024-01 Security Only
Quality Update for
Windows Server 2008
R2 for x64-based
Systems (KB5034167)

This update contains miscellaneous security improvements to internal Windows OS functionality. No additional issues were documented for this release.

[KB5034167](#) N/A

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Security Patches: BD Pyxis™ MedStation™ 4000

January 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for January 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
2024-01 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.	KB5034119	N/A
2024-01 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This security update includes quality improvements. When you install this KB: <ul style="list-style-type: none">This update addresses an issue that affects the ActiveX scroll bar. It does not work in IE mode.	KB5034119	N/A
Windows Malicious Software Removal Tool x64 - v5.120	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser) 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
2024-01 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.	KB5034176	N/A

2024-01 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems	This cumulative security update contains improvements that are part of update KB5033422 (released December 2023). This update contains miscellaneous security improvements to internal Windows OS functionality. No specific issues are documented for this release.	KB5034173	N/A
2024-01 Cumulative Security Update for Internet Explorer 9 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.	KB5034120	N/A
Windows Malicious Software Removal Tool - v5.120	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser) 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

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Security Patches: BD Pyxis™ Anesthesia Station 4000

January 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
2024-01 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.	KB5034119	N/A
Windows Malicious Software Removal Tool x64 - v5.120	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser) 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™ PARx™

January 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for January 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 - v5.120	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
2024-01 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	<p>This update addresses an issue that affects the ActiveX scroll bar. It does not work in IE mode.</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 January 2024 Security Updates.</p>	KB5034119	N/A

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Security Patches: BD Pyxis™ SupplyStation™

January 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for January 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
2024-01 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems (KB5034173)	This cumulative security update contains improvements that are part of update KB5033422 (released December 2023). This update contains miscellaneous security improvements to internal Windows OS functionality. No specific issues are documented for this release.	KB5034173	N/A
2024-01 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 (KB5034279)	Security Improvements <ul style="list-style-type: none">• CVE-2024-0056 – .NET Framework Security Feature Bypass Vulnerability• This security update addresses a security feature bypass vulnerability detailed in CVE-2024-0056 .• CVE-2024-0057 – .NET Framework Security Feature Vulnerability• This security update addresses a elevation of privilege vulnerability detailed in CVE-2024-0057.• CVE-2024-21312 – .NET Framework Denial of Service Vulnerability• This security update addresses a denial of service vulnerability detailed in CVE-2024-21312 .• .NET Framework Remote Code Execution Vulnerability	KB5034279	N/A

- This security update addresses a remote code execution vulnerability to HTTP .NET remoting server channel chain.

Quality and Reliability Improvements

- For a list of improvements that were released with this update, please see the article links in the Additional Information section of this article.

2024-01 Cumulative Update for Windows 10 Version 1607 for x86-based Systems (KB5034119)

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

[KB5034119](#)

N/A

- This update addresses an issue that affects the ActiveX scroll bar. It does not work in IE mode.

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

2024-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64 (KB5034273)

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.

[KB5034273](#)

N/A

Security Improvements

- CVE-2023-36042 – .NET Framework Denial of Service Vulnerability
This security update addresses a security feature bypass vulnerability detailed in CVE-2023-36042.
- CVE-2024-0056 – .NET Framework Security Feature Bypass Vulnerability
This security update addresses a security feature bypass vulnerability detailed in CVE-2024-0056 .
- CVE-2024-0057 – .NET Framework Security Feature Vulnerability
This security update addresses a elevation of privilege vulnerability detailed in CVE-2024-0057.
- CVE-2024-21312 – .NET Framework Denial of Service Vulnerability
This security update addresses a denial of service vulnerability detailed in CVE-2024-21312 .
- .NET Framework Remote Code Execution Vulnerability
This security update addresses a remote code execution vulnerability to HTTP .NET remoting server channel chain.

Quality and Reliability Improvements

- For a list of improvements that were released with this update, please see the article links in the Additional Information section of this article.

2024-01 Security Only Quality Update for Windows Server 2008 for x86-based Systems (KB5034176)

This update contains miscellaneous security improvements to internal Windows OS functionality. No additional issues were documented for this release.

[KB5034176](#)

N/A

2024-01 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64 (KB5033910)

Security Improvements

[KB5033910](#)

N/A

- CVE-2024-0056 – .NET Framework Security Feature Bypass Vulnerability
This security update addresses a security feature bypass vulnerability detailed in CVE-2024-0056 .
- CVE-2024-0057 – .NET Framework Security Feature Vulnerability
This security update addresses a elevation of privilege vulnerability detailed in CVE-2024-0057.
- CVE-2024-21312 – .NET Framework Denial of Service Vulnerability
This security update addresses a denial of service vulnerability detailed in CVE-2024-21312 .
- .NET Framework Remote Code Execution Vulnerability
This security update addresses a remote code execution vulnerability to HTTP .NET remoting server channel chain.

Quality and Reliability Improvements

- There are no new Quality and Reliability Improvements in this update.

2024-01 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5034127)

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

[KB5034127](#)

N/A

- This update addresses an issue that affects the ActiveX scroll bar. It does not work in IE mode.
- This update addresses an issue that affects disk partitions. Your system might stop responding. This occurs if

you add space from a deleted partition to an existing BitLocker partition.

- This update addresses an issue that causes your device to shut down after 60 seconds. This occurs when you use a smart card to authenticate on a remote system.
- This update addresses an issue that affects the Windows Local Administrator Password Solution (Windows LAPS). The LAPS account does not work. This occurs if the password is older than the age that the maximum age device policy allows.
- This update addresses an issue that affects the Kerberos Key Distribution Center (KDC). It returns a KDC_ERR_S_PRINCIPAL_UNKNOWN error during trust referrals, which is wrong.
- This update addresses an issue that causes lsass.exe to stop responding. Because of this, a restart loop occurs.
- This update addresses an issue that affects the Key Distribution Service (KDS). It does not start in the time required if LDAP referrals are needed.
- This update addresses an issue that affects the Server Manager pop-up text. It removes the words "Azure Automanage."
- This update addresses an issue that affects Group Policy Folder Redirection in a multi-forest deployment. The issue stops you from choosing a group account from the target domain. Because of this, you cannot apply advanced folder redirection settings to that domain. This issue occurs when the target domain has a one-way trust with the domain of the admin user. This issue affects all Enhanced Security Admin Environment (ESAE), Hardened Forests (HF) or Privileged Access Management (PAM) deployments.
- This update addresses a known issue that affects BitLocker data-only encryption. A mobile device management (MDM) service, such as Microsoft Intune, might not get the

right data. This occurs when you use the FixedDrivesEncryptionType or SystemDrivesEncryptionType policy settings in the BitLocker configuration service provider (CSP) node.

2024-01 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems (KB5034120)	This security update resolves vulnerabilities in Internet Explorer. To learn more about these vulnerabilities, see Deployments Security Update Guide.	KB5034120	N/A
2024-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5034171)	<p>This cumulative security update includes improvements that are part of update KB5033420 (released December 12, 2023). This update addresses the following issue:</p> <p>The ActiveX scroll bar does not work in Internet Explorer 11 or in IE mode.</p> <ul style="list-style-type: none">For more information about the resolved security vulnerabilities, please refer to the Deployments Security Update Guide and the January 2024 Security Updates.	KB5034171	N/A
2024-01 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5034587)	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.	KB5034587	N/A
Windows Malicious Software Removal Tool x64 - v5.115	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers. Microsoft releases the MSRT on a monthly cadence as part of Windows Update or as a standalone tool. Use this tool to find and remove specific prevalent threats and reverse the changes they have made.	KB890830	N/A

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Security Patches: BD Pyxis™ IV Prep

January 2024

BD has identified patches from Microsoft® that have been identified as critical or security related for January 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
2024-01 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 (KB5034279)	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.	KB5034279	N/A
Windows Malicious Software Removal Tool x64 - v5.120 (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

2024-01 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5034120)	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.	KB5034120	N/A
2024-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5034171)	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.	KB5034171	N/A
2024-01 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5034587)	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.	KB5034587	N/A
2024-01 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5034119)	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.	KB5034119	N/A

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

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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
2024-01 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5033910	N/A
Windows Malicious Software Removal Tool x64 - v5.120	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
2024-01 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.	KB5034119	N/A

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Security Patches: BD Pyxis™ Enterprise Server

January 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
2024-01 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.	KB5034127	N/A
2024-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows Server 2019 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5034273	N/A

Windows Malicious Software Removal Tool x64 - v5.120	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
2024-01 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.	KB5034587	N/A
2024-01 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5034279	N/A
2024-01 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.	KB5034171	N/A

Windows Malicious Software Removal Tool x64 - v5.120	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
2024-01 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.	KB5034119	N/A

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Security Patches: BD Pyxis™ Medstation ES

January 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
2024-01 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5033910	N/A
2024-01 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.	KB5034119	N/A

Windows Malicious Software Removal Tool x64 - v5.120	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
2024-01 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.	KB5034127	N/A
2024-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5034273	N/A
2024-01 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.	KB5034127	N/A

2024-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5034273	N/A
Windows Malicious Software Removal Tool x64 - v5.120	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
2024-01 .NET 6.0.26 Security Update for x64 Client	2024-01 .NET 6.0.26 Security Update for x64 Client (KB5033733)	KB5033733	N/A
2024-01 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.	KB5034122	N/A
2024-01 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 21H2 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5034274	N/A

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Security Patches: BD Pyxis™ Anesthesia ES

January 2024

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Microsoft® patches

Patch name	Description	Patch ID	Notes
2024-01 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.	KB5034119	N/A
2024-01 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.	KB5034127	N/A

Windows Malicious Software Removal Tool x64 - v5.120	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
2024-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5034273	N/A
2024-01 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.	KB5034127	N/A
2024-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5034273	N/A

Windows Malicious Software Removal Tool x64 - v5.120	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
2024-01 .NET 6.0.26 Security Update for x64 Client	2024-01 .NET 6.0.26 Security Update for x64 Client (KB5033733)	KB5033733	N/A
2024-01 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.	KB5034122	N/A
2024-01 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 21H2 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5034274	N/A

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Security Patches: BD Pyxis™ Logistics

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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
2024-01 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5034127) Last Modified: 1/9/2024	<p>Summary</p> <p>This update addresses an issue that causes IE mode to stop responding. This occurs if you press the left arrow key when an empty text box has the focus and caret (cursor) browsing is on.</p> <p>This update addresses an issue that affects touchscreens. They do not work properly when you use more than one monitor.</p> <p>This update addresses security issues for your Windows operating system.</p>	KB5034127	N/A

<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>Last Modified: 1/9/2024</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>This security update addresses a security feature bypass vulnerability detailed in CVE-2023-36042.</p> <p>CVE-2024-0056 – .NET Framework Security Feature Bypass Vulnerability</p> <p>This security update addresses a security feature bypass vulnerability detailed in CVE-2024-0056 .</p> <p>CVE-2024-0057 – .NET Framework Security Feature Vulnerability</p> <p>This security update addresses a elevation of privilege vulnerability detailed in CVE-2024-0057.</p> <p>CVE-2024-21312 – .NET Framework Denial of Service Vulnerability</p> <p>This security update addresses a denial of service vulnerability detailed in CVE-2024-21312 .</p>	<p>KB5034273</p>	<p>N/A</p>
<p>2024-01 Cumulative Update for Windows 10 Version 1607 for x64-based Systems (KB5034119)</p> <p>Last Modified: 1/9/2024</p>	<p>Highlights</p> <p>This update addresses security issues for your Windows operating system.</p> <p>Improvements</p> <p>This security update includes quality improvements. When you install this KB:</p> <p>This update addresses an issue that affects the ActiveX scroll bar. It does not work in IE mode.</p>	<p>KB5034119</p>	<p>N/A</p>
<p>2024-01 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5034587)</p> <p>Last Modified: 1/9/2024</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>KB5034587</p>	<p>N/A</p>
<p>2024-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5034171)</p> <p>Last Modified: 1/9/2024</p>	<p>Summary</p> <p>This cumulative security update includes improvements that are part of update KB5033420 (released December 12, 2023). This update addresses the following issue:</p> <p>The ActiveX scroll bar does not work in Internet Explorer 11 or in IE mode.</p>	<p>KB5034171</p>	<p>N/A</p>

<p>2024-01 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 for x64-based systems (KB5034120) Last Modified: 1/9/2024</p>	<p>Summary This security update resolves vulnerabilities in Internet Explorer. To learn more about these vulnerabilities, see Deployments Security Update Guide.</p>	<p>KB5034120</p>	<p>N/A</p>
<p>2024-01 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 (KB5034279) Last Modified: 1/9/2024</p>	<p>Summary Security Improvements CVE-2024-0056 – .NET Framework Security Feature Bypass Vulnerability CVE-2024-0057 – .NET Framework Security Feature Vulnerability CVE-2024-21312 – .NET Framework Denial of Service Vulnerability .NET Framework Remote Code Execution Vulnerability</p>	<p>KB5034279</p>	<p>N/A</p>
<p>2024-01 Security Monthly Quality Rollup for Windows Server 2008 R2 for x64-based Systems (KB5034169) Last Modified: 1/9/2024</p>	<p>Improvements This cumulative security update contains improvements that are part of update KB5033433 (released December 12, 2023). This update contains miscellaneous security improvements to internal Windows OS functionality. No specific issues are documented for this release.</p>	<p>KB5034169</p>	<p>N/A</p>

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Security Patches: BD Pyxis™ CII Safe ES

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Microsoft® patches

Patch name	Description	Patch ID	Notes
2024-01 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.	KB5034127	N/A
2024-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5034273	N/A

Windows Malicious Software Removal Tool x64 - v5.120	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
2024-01 .NET 6.0.26 Security Update for x64 Client	2024-01 .NET 6.0.26 Security Update for x64 Client (KB5033733)	KB5033733	N/A
2024-01 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.	KB5034122	N/A
2024-01 Cumulative Update for .NET Framework 3.5, 4.8 and 4.8.1 for Windows 10 Version 21H2 for x64	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5034274	N/A

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