

BD Product Name: **BD Pyxis™ Anesthesia Station 4000**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|--|---------------------------|-------|
| 2021-01 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems | This security update includes improvements and fixes that were a part of update KB4592471 (released December 8, 2020) | KB4598279 | None |
| 2021-01 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services. | KB4598289 | None |
| Security Update for Windows 10 Version 1607 for x64-based Systems | This security update makes improvements to Secure Boot DBX for the supported Windows versions listed in the "Applies to" section. Key changes include the following: | KB4535680 | None |



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| | Windows devices that has Unified Extensible Firmware Interface (UEFI) based firmware can run with Secure Boot enabled. The Secure Boot Forbidden Signature Database (DBX) prevents UEFI modules from loading. This update adds modules to the DBX. | | |
| 2021-01 Cumulative Update for Windows 10 Version 1607 for x64-based Systems | This security update includes quality improvements. Key changes include: Adds the ability to set a Group Policy to show only the domain and username when a user signs in. Addresses an issue that delays authentication traffic because of Netlogon scalability issues. | KB4598243 | None |
| Windows Malicious Software Removal Tool x64 - v5.85 | The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems | KB890830 | None |

BD Product Name: **BD Pyxis™ Anesthesia System 3500**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|--|---------------------------|-------|
| 2021-01 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems | This security update includes improvements and fixes that were a part of update KB4592471 (released December 8, 2020) | KB4598279 | None |
| 2021-01 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services. | KB4598289 | None |



BD Product Name: **BD Pyxis™ CIISafe™**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|--|---------------------------|-------|
| Security Update for Windows 10 Version 1607 for x64-based Systems | This security update makes improvements to Secure Boot DBX for the supported Windows versions listed in the "Applies to" section. Key changes include the following: Windows devices that has Unified Extensible Firmware Interface (UEFI) based firmware can run with Secure Boot enabled. The Secure Boot Forbidden Signature Database (DBX) prevents UEFI modules from loading. This update adds modules to the DBX. | KB4535680 | None |
| 2021-01 Cumulative Update for Windows 10 Version 1607 for x64-based Systems | This security update includes quality improvements. Key changes include: Adds the ability to set a Group Policy to show only the domain and username when a user signs in. Addresses an issue that delays authentication traffic because of Netlogon scalability issues. | KB4598243 | None |



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|---|---|---------------------------|------|
| 2021-01 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 for x64 | WPF1- Addressed an issue with a FailFast crash arising in apps with two threads that both load application resources. Runtime- Improved the clean-up process for X509Certificate2 certificates | KB4597247 | None |
| Windows Malicious Software Removal Tool x64 - v5.85 | The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems | KB890830 | None |
| 2021-01 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services. | KB4598289 | None |
| 2021-01 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems | This security update includes improvements and fixes that were a part of update KB4592471 (released December 8, 2020) and addresses the following issues: Addresses a security bypass vulnerability that exists in the way the Printer Remote Procedure Call (RPC) binding handles authentication for the | KB4598279 | None |

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| | <p>remote Winspool interface. For more information, see KB4599464.</p> <p>Addresses a security vulnerability issue with HTTPS-based intranet servers. After you install this update, HTTPS-based intranet servers cannot leverage a user proxy to detect updates by default. Scans that use these servers will fail if the clients do not have a configured system proxy.</p> | | |
| <p>2021-01 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7</p> | <p>This update is included in the Security and Quality Rollup that's dated January 12, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020.</p> | <p>KB4598500</p> | <p>None</p> |

BD Product Name: **BD Pyxis™ CUBIE™ Replenishment System**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|--|---------------------------|-------|
| 2021-01 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems | This security update includes improvements and fixes that were a part of update KB4592471 (released December 8, 2020) | KB4598279 | None |
| 2021-01 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services. | KB4598289 | None |



BD Product Name: **BD Pyxis™ MedStation™ 3500**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|---|---------------------------|-------|
| 2021-01 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems | This security update includes improvements and fixes that were a part of update KB4592498 (released December 8, 2020) | KB4598288 | None |
| 2021-01 Security Only Quality Update for Windows Server 2008 for x86-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services. | KB4598287 | None |
| 2021-01 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems | This security update includes improvements and fixes that were a part of update KB4592471 (released December 8, 2020) | KB4598279 | None |



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|--|--|---------------------------|------|
| 2021-01 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services. | KB4598289 | None |
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BD Product Name: **BD Pyxis™ MedStation™ 4000**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|--|---------------------------|-------|
| Security Update for Windows 10 Version 1607 for x64-based Systems | This security update makes improvements to Secure Boot DBX for the supported Windows versions listed in the "Applies to" section. Key changes include the following: Windows devices that has Unified Extensible Firmware Interface (UEFI) based firmware can run with Secure Boot enabled. The Secure Boot Forbidden Signature Database (DBX) prevents UEFI modules from loading. This update adds modules to the DBX. | KB4535680 | None |
| 2021-01 Cumulative Update for Windows 10 Version 1607 for x64-based Systems | This security update includes quality improvements. Key changes include: Adds the ability to set a Group Policy to show only the domain and username when a user signs in. Addresses an issue that delays authentication traffic because of Netlogon scalability issues. | KB4598243 | None |



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|---|---|---------------------------|------|
| Windows Malicious Software Removal Tool x64 - v5.85 | The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems | KB890830 | None |
| 2021-01 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems | This security update includes improvements and fixes that were a part of update KB4592498 (released December 8, 2020) | KB4598288 | None |
| 2021-01 Security Only Quality Update for Windows Server 2008 for x86-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services. | KB4598287 | None |
| 2021-01 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems | This security update includes improvements and fixes that were a part of update KB4592471 (released December 8, 2020) | KB4598279 | None |
| | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services. | KB4598289 | None |

BD Product Name: **BD Pyxis® Connect**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|--|--------------------------|--------------|
| Security Intelligence Update for Windows Defender Antivirus - KB915597 (Version 1.329.2549.0) | Microsoft works to help make computing as secure as possible for our customers. As part of this effort, Microsoft Windows Defender regularly downloads updates to the definition files that are used to identify spyware and other potentially unwanted software. Windows Defender may also periodically download detection engine updates. Microsoft delivers these updates by using Microsoft Windows Update, Automatic Updates, and Windows Server Update Service (WSUS). | KB915597 | None |



BD Product Name: **BD Pyxis™ Anesthesia Station ES**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|--|---|---------------------------|-------|
| Windows Malicious Software Removal Tool x64 - v5.85 | The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems | KB890830 | None |
| 2021-01 Security Update for Windows Server 2012 R2 for x64-based Systems | This security update makes improvements to Secure Boot DBX for the supported Windows versions Windows Server 2012 x64-bit Windows Server 2012 R2x64-bit Windows 8.1 x64-bit Windows Server 2016 x64-bit Windows Server 2019 x64-bit Windows 10,version1607x64-bit Windows 10,version1803x64-bit Windows 10,version1809x64-bit | KB4535680 | None |



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| | Windows 10, version 1909 x64-bit | | |
| 2021-01 Cumulative Update for Windows 10 Version 1607 for x64-based Systems | This security update includes quality improvements. Key changes include: Adds the ability to set a Group Policy to show only the domain and username when a user signs in. Addresses an issue that delays authentication traffic because of Netlogon scalability issues. | KB4598243 | None |
| 2021-01 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 for x64 | The Microsoft Security Response Center (MSRC) investigates all reports of security vulnerabilities affecting Microsoft products and services, and provides the information here as part of the ongoing effort to help you manage security risks and help keep your systems protected. | KB4597247 | None |
| 2021-01 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems | This security update includes improvements and fixes that were a part of update KB4592471 (released December 8, 2020) | KB4598279 | None |
| 2021-01 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7 | This update is included in the Security and Quality Rollup that's dated January 12, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020. | KB4598500 | None |
| 2021-01 Cumulative Update for Windows 10 Version 1809 for x64-based Systems | This security update includes quality improvements. Key changes include: Addresses a timing issue on print servers that might send print jobs to the wrong print queue. | KB4598230 | None |
| Security Update for SQL Server 2016 Service Pack 2 GDR | This security update fixes the following issue: KB4583468 - Microsoft SQL Server elevation of privilege vulnerability | KB4583460 | None |

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| <p>Security Update for Windows 10 Version 1809 for x64-based Systems</p> | <p>This security update includes quality improvements. Key changes include: Addresses an issue in Universal Windows Platform (UWP) apps that allows single sign-on authentication when an app does not have the Enterprise Authentication capability. With the release of CVE-2020-1509, UWP applications might begin prompting the user for credentials.</p> | <p>KB4535680</p> | <p>None</p> |
| <p>2021-01 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems</p> | <p>This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services.</p> | <p>KB4598289</p> | <p>None</p> |

BD Product Name: **BD Pyxis™ CII Safe ES**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|---|---------------------------|-------|
| 2021-01 Servicing Stack Update for Windows 10 Version 1809 for x64-based Systems | This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates. | KB4598480 | None |
| 2021-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64 | This update is included in the Cumulative Update that's dated January 12, 2021. Parts of this update were previously released in the Cumulative Update that's dated November 19, 2020. | KB4598499 | None |
| 2021-01 Cumulative Update for Windows 10 Version 1809 for x64-based Systems | This security update includes quality improvements. Key changes include: Addresses a timing issue on print servers that might send print jobs to the wrong print queue. | KB4598230 | None |



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|---|---|---------------------------|------|
| Security Update for Windows 10 Version 1809 for x64-based Systems | This security update includes quality improvements. Key changes include: Addresses an issue in Universal Windows Platform (UWP) apps that allows single sign-on authentication when an app does not have the Enterprise Authentication capability. With the release of CVE-2020-1509, UWP applications might begin prompting the user for credentials. | KB4535680 | None |
|---|---|---------------------------|------|

BD Product Name: **BD Pyxis™ IV Prep**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|--|---------------------------|-------|
| 2021-01 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows 8.1 and Server 2012 R2 for x64 | This update is included in the Security and Quality Rollup that's dated January 12, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020. | KB4598502 | None |
| 2021-01 Cumulative Update for Windows 10 Version 1607 for x64-based Systems | This security update includes quality improvements. Key changes include: Adds the ability to set a Group Policy to show only the domain and username when a user signs in. Addresses an issue that delays authentication traffic because of Netlogon scalability issues. | KB4598243 | None |
| Windows Malicious Software Removal Tool x64 - v5.85 | The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 | KB890830 | None |



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| | Windows 7 Windows Server 2008 R2 for x64-based Systems | | |
| 2021-01 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, and Windows Virtualization. | KB4598275 | None |
| 2021-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems | This security update includes improvements and fixes that were a part of update KB4592484 (released December 8, 2020) | KB4598285 | None |
| 2021-01 Security Update for Windows Server 2012 R2 for x64-based Systems | This security update makes improvements to Secure Boot DBX for the supported Windows versions Windows Server 2012 x64-bit Windows Server 2012 R2 x64-bit Windows 8.1 x64-bit Windows Server 2016 x64-bit Windows Server 2019 x64-bit Windows 10, version 1607 x64-bit Windows 10, version 1803 x64-bit Windows 10, version 1809 x64-bit Windows 10, version 1909 x64-bit | KB4535680 | None |
| Security Update for SQL Server 2014 Service Pack 3 GDR | 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. | KB4583463 | None |

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| 2021-01 Security and Quality Rollup for .NET Framework 4.8 for Windows 8.1 and Server 2012 R2 for x64 | Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. | KB4597253 | None |
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BD Product Name: **BD Pyxis™ Pharmogistics™**

Date of Critical or Security Patches - January 2021

Abstract: Critical or Security Patches - January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|--|---|---------------------------|-------|
| Windows Malicious Software Removal Tool x64 - v5.85 | The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems | KB890830 | None |
| 2021-01 Security Update for Windows Server 2012 R2 for x64-based Systems | This security update makes improvements to Secure Boot DBX for the supported Windows versions Windows Server 2012 x64-bit Windows Server 2012 R2 x64-bit Windows 8.1 x64-bit Windows Server 2016 x64-bit Windows Server 2019 x64-bit Windows 10, version 1607 x64-bit | KB4535680 | None |



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|---|--|---------------------------|------|
| | Windows 10, version 1803 x64-bit Windows 10, version 1809 x64-bit Windows 10, version 1909 x64-bit | | |
| 2021-01 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, and Windows Virtualization. | KB4598275 | None |
| 2021-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems | This security update includes improvements and fixes that were a part of update KB4592484 (released December 8, 2020) | KB4598285 | None |
| 2021-01 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows 8.1 and Server 2012 R2 for x64 | This update is included in the Security and Quality Rollup that's dated January 12, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020. | KB4598502 | None |
| 2021-01 Cumulative Update for Windows Server 2016 for x64-based Systems | This security update includes quality improvements. Key changes include: Adds the ability to set a Group Policy to show only the domain and username when a user signs in. Addresses an issue that delays authentication traffic because of Netlogon scalability issues. | KB4598243 | None |

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|---|--|----------------------------------|-------------|
| <p>2021-01 Security Only Quality Update for Windows Server 2008 R2 for x64-based Systems (KB4598289)</p> | <p>This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services.</p> | <p>KB4598289</p> | <p>None</p> |
| <p>2021-01 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7</p> | <p>This update is included in the Security and Quality Rollup that's dated January 12, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020.</p> | <p>KB4598500</p> | <p>None</p> |
| <p>2021-01 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems</p> | <p>This security update includes improvements and fixes that were a part of update KB4592471 (released December 8, 2020)</p> | <p>KB4598279</p> | <p>None</p> |

BD Product Name: **BD Pyxis™ Security Module**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|---|---------------------------|-------|
| 2021-01 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows 8.1 and Server 2012 R2 for x64 | This update is included in the Security and Quality Rollup that's dated January 12, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020. | KB4598502 | None |
| Windows Malicious Software Removal Tool x64 - v5.85 | The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems | KB890830 | None |
| 2021-01 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, | KB4598275 | None |



| | | | |
|---|---|---------------------------|------|
| | Windows Fundamentals, Windows Cryptography, and Windows Virtualization. | | |
| 2021-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems | This security update includes improvements and fixes that were a part of update KB4592484 (released December 8, 2020) | KB4598285 | None |
| 2021-01 Security Update for Windows Server 2012 R2 for x64-based Systems | This security update makes improvements to Secure Boot DBX for the supported Windows versions Windows Server 2012 x64-bit Windows Server 2012 R2 x64-bit Windows 8.1 x64-bit Windows Server 2016 x64-bit Windows Server 2019 x64-bit Windows 10, version 1607 x64-bit Windows 10, version 1803 x64-bit Windows 10, version 1809 x64-bit Windows 10, version 1909 x64-bit | KB4535680 | None |
| Security and Quality Rollup for .NET Framework 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 8.1, RT 8.1, and Windows Server 2012 R2 | This security updates to .NET Framework 3.5 for Windows 8.1 and Windows Server 2012 R2 should only be applied on systems where .NET Framework 3.5 is present and enabled. To apply this update, you must have .NET Framework 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 installed. | KB4597238 | None |

BD Product Name: **BD Pyxis™ Supply**

Date of Critical or Security Patches: January 2021

Abstract: Critical or Security Patches – January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|---|---------------------------|-------|
| 2021-01 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows 8.1 and Server 2012 R2 for x64 | This update is included in the Security and Quality Rollup that's dated January 12, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020. | KB4598502 | None |
| Windows Malicious Software Removal Tool x64 - v5.85 | The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems | KB890830 | None |
| 2021-01 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, | KB4598275 | None |



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| | Windows Cryptography, and Windows Virtualization. | | |
| 2021-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems | This security update includes improvements and fixes that were a part of update KB4592484 (released December 8, 2020) | KB4598285 | None |
| 2021-01 Security Update for Windows Server 2012 R2 for x64-based Systems | This security update makes improvements to Secure Boot DBX for the supported Windows versions Windows Server 2012 x64-bit Windows Server 2012 R2 x64-bit Windows 8.1 x64-bit Windows Server 2016 x64-bit Windows Server 2019 x64-bit Windows 10, version 1607 x64-bit Windows 10, version 1803 x64-bit Windows 10, version 1809 x64-bit Windows 10, version 1909 x64-bit | KB4535680 | None |
| Security and Quality Rollup for .NET Framework 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 8.1, RT 8.1, and Windows Server 2012 R2 | The Microsoft Security Response Center (MSRC) investigates all reports of security vulnerabilities affecting Microsoft products and services, and provides the information here as part of the ongoing effort to help you manage security risks and help keep your systems protected. | KB4597238 | None |
| 2021-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64 | This update is included in the Cumulative Update that's dated January 12, 2021. Parts of this update were previously released in the Cumulative Update that's dated November 19, 2020. | KB4598499 | None |

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| 2021-01 Cumulative Update for Windows 10 Version 1607 for x64-based Systems | This security update includes quality improvements. Key changes include: Adds the ability to set a Group Policy to show only the domain and username when a user signs in. Addresses an issue that delays authentication traffic because of Netlogon scalability issues. | KB4598243 | None |
| January 12, 2021—KB4598289 (Security-only update) | Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, Windows Cryptography, Windows Virtualization, and Windows Hybrid Storage Services. | KB4598289 | None |
| 2021-01 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems | This security update includes improvements and fixes that were a part of update KB4592471 (released December 8, 2020) | KB4598279 | None |
| January 12, 2021-KB4586875 Cumulative Update Preview for .NET Framework 3.5 and 4.7.2 for Windows 10 , version 1809 and Windows Server, version 2019 | This update for Windows 10 includes cumulative reliability improvements in .NET Framework 3.5 and 4.7.2. This update is included in the Cumulative Update that is dated January 12, 2021. This update was previously released in the Cumulative Update that was dated November 19, 2020. | KB4586875 | None |
| 2021-01 Cumulative Update for Windows 10 Version 1809 for x64-based Systems | This security update includes quality improvements. Key changes include: Addresses a timing issue on print servers that might send print jobs to the wrong print queue. | KB4598230 | None |
| Servicing stack update for Windows 10, version 2004 and 20H2: January 12, 2021 | 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 | KB4598481 | None |

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| | <p>and reliable servicing stack so that your devices can receive and install Microsoft updates.</p> <p>This update applies to the following:</p> <p>Windows 10, version 2004 for 32-bit Systems.</p> <p>Windows 10, version 2004 for ARM64-based Systems.</p> <p>Windows 10, version 2004 for x64-based Systems.</p> <p>Windows 10, version 20H2 for 32-bit Systems.</p> <p>Windows 10, version 20H2 for ARM64-based Systems.</p> <p>Windows 10, version 20H2 for x64-based Systems.</p> <p>Windows Server, version 2004 (Server Core installation)</p> | | |
| Security Update for Windows 10 Version 1809 for x64-based Systems | <p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue in Universal Windows Platform (UWP) apps that allows single sign-on authentication when an app does not have the Enterprise Authentication capability. With the release of CVE-2020-1509, UWP applications might begin prompting the user for credentials.</p> | KB4535680 | None |
| 2021-01 Servicing Stack Update for Windows 10 Version 1809 for x64-based Systems | <p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p> | KB4598480 | None |
| January 12, 2021—KB4598242 (OS Builds 19041.746 and 19042.746) | <p>Updates to improve security when using external devices, such as game controllers, printers, and web cameras.</p> | KB4598242 | None |



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| | Updates to improve security when Windows performs basic operations. | | |
| Security intelligence updates for Microsoft Defender Antivirus and other Microsoft antimalware | Microsoft continually updates security intelligence in antimalware products to cover the latest threats and to constantly tweak detection logic, enhancing the ability of Microsoft Defender Antivirus and other Microsoft antimalware solutions to accurately identify threats. This security intelligence works directly with cloud-based protection to deliver fast and powerful AI-enhanced, next-generation protection. | KB2267602 | None |

BD Product Name: **BD Pyxis™ MedStation™ ES**

Date of Critical or Security Patches - January 2021

Abstract: Critical or Security Patches -January 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

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).

| Patch Name | Description | Patch ID | Notes |
|---|---|---------------------------|-------|
| 2021-01 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows 8.1 and Server 2012 R2 for x64 | This update is included in the Security and Quality Rollup that's dated January 12, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020. | KB4598502 | None |
| Windows Malicious Software Removal Tool x64 - v5.85 | The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems | KB890830 | None |
| 2021-01 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems | This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, Windows Graphics, Windows Media, Windows Fundamentals, | KB4598275 | None |



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| | Windows Cryptography, and Windows Virtualization. | | |
| 2021-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems | This security update includes improvements and fixes that were a part of update KB4592484 (released December 8, 2020) | KB4598285 | None |
| 2021-01 Security Update for Windows Server 2012 R2 for x64-based Systems | This security update makes improvements to Secure Boot DBX for the supported Windows versions Windows Server 2012 x64-bit Windows Server 2012 R2 x64-bit Windows 8.1 x64-bit Windows Server 2016 x64-bit Windows Server 2019 x64-bit Windows 10, version 1607 x64-bit Windows 10, version 1803 x64-bit Windows 10, version 1809 x64-bit Windows 10, version 1909 x64-bit | KB4535680 | None |
| Security Update for SQL Server 2016 Service Pack 2 CU | This security update fixes the following issue: KB4583468 - Microsoft SQL Server elevation of privilege vulnerability | KB4583461 | None |
| 2021-01 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64 | This update is included in the Cumulative Update that's dated January 12, 2021. Parts of this update were previously released in the Cumulative Update that's dated November 19, 2020. | KB4598499 | None |

| Patch Name | Description | Patch ID | Notes |
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| 2021-01 Cumulative Update for Windows 10 Version 1607 for x64-based Systems | This security update includes quality improvements. Key changes include: Adds the ability to set a Group Policy to show only the domain and username when a user signs in. Addresses an issue that delays authentication traffic because of Netlogon scalability issues. | KB4598243 | None |
| 2021-01 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 for x64 | The Microsoft Security Response Center (MSRC) investigates all reports of security vulnerabilities affecting Microsoft products and services, and provides the information here as part of the ongoing effort to help you manage security risks and help keep your systems protected. | KB4597247 | None |
| 2021-01 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems | This security update includes improvements and fixes that were a part of update KB4592471 (released December 8, 2020) | KB4598279 | None |
| 2021-01 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7 | This update is included in the Security and Quality Rollup that's dated January 12, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020. | KB4598500 | None |
| 2021-01 Cumulative Update for Windows 10 Version 1809 for x64-based Systems | This security update includes quality improvements. Key changes include: Addresses a timing issue on print servers that might send print jobs to the wrong print queue. | KB4598230 | None |

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|--|---|---------------------------|------|
| Security Update for SQL Server 2016 Service Pack 2 GDR | This security update fixes the following issue: KB4583468 - Microsoft SQL Server elevation of privilege vulnerability | KB4583460 | None |
| Security Update for Windows 10 Version 1809 for x64-based Systems | This security update includes quality improvements. Key changes include: Addresses an issue in Universal Windows Platform (UWP) apps that allows single sign-on authentication when an app does not have the Enterprise Authentication capability. With the release of CVE-2020-1509, UWP applications might begin prompting the user for credentials. | KB4535680 | None |
| 2021-01 Servicing Stack Update for Windows 10 Version 1809 for x64-based Systems | This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates. | KB4598480 | None |