

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

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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	N/A

BD Product Name: **BD Pyxis® PARx**

Date of Critical or Security Patches: Sept 2021

Abstract: Critical or Security Patches – Sept 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for Sept 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
2021-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	<ul style="list-style-type: none">This security update includes quality improvements. Key changes include:Addresses an issue that prevents users from tracking Distributed Component Object Model (DCOM) activation failures.Addresses an issue that might cause a memory leak to occur during prolonged Remote Desktop audio redirection.Addresses an issue that causes a non-paged memory leak in the FLTMGR.SYS driver. This issue occurs because of a reference count issue in the DFS.SYS driver during cluster failover. As a result, the system might become unresponsive.Addresses an issue with	KB5005573	N/A



	<p>using the robocopy command with the backup option (/B) to fix copy failures. This issue occurs when the source files contain Alternate Data Streams (ADS) or Extended Attributes (EA) and the destination is an Azure Files share.</p> <ul style="list-style-type: none"> • Addresses an issue that causes Authentication Mechanism Assurance (AMA) to stop working. This issue occurs when you migrate to Windows Server 2016 (or newer versions of Windows) and when using AMA in conjunction with certificates from Windows Hello for Business. • Addresses an issue that prevents you from writing to a Windows Management Instrumentation (WMI) repository after a low memory condition occurs. 		
<p>2021-09 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems</p>	<p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	<p>KB5005698</p>	<p>N/A</p>

<p>Windows Malicious Software Removal Tool x64 - v5.93</p>	<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 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 	<p>KB890830</p>	<p>N/A</p>
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BD Product Name: **BD Pyxis™ IV Prep**

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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
2021-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5005613	None
Windows Malicious Software Removal Tool x64 - v5.90	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	None



2021-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft	KB5005563	None
2021-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5005627	None
2021-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	KB5005698	None
2021-09 Cumulative Update for Windows Server 2016 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5005573	None

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

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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	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 Server 2008 R2 Windows 7 Windows Server 2008 OS: Windows Server 2016, Windows Server 2008, Windows Server 2012	KB890830	N/A
2021-09 Cumulative Security Update for Internet Explorer 9 for Windows Server 2008 for x64-based systems	This security update resolves vulnerabilities in Internet Explorer. OS: Windows Server 2012 R2	KB5005563	N/A
2021-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	This security update includes quality improvements. Key changes include: <ul style="list-style-type: none">This update also contains miscellaneous security improvements to internal OS functionality. OS: Windows Server 2012	KB5005627	N/A



2021-09 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates. OS: Windows Server 2016	KB5005698	N/A
2021-09 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 KB5005076 OS: Windows Server 2012	KB5005613	N/A

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

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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 to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
2021-09 Cumulative Update for Windows 10 Version 1809 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5005568	None

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

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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 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 7 SP1 and Windows Server 2008 R2 SP1	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.	KB50004871	N/A
2021-09 Cumulative Security Update for Internet Explorer 11 for Windows 8.1 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	KB5005563	N/A



<p>2021-09 Security Only Quality Update for Windows Embedded Standard 7 for x64-based Systems</p>	<p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p>	<p>KB5005615</p>	<p>N/A</p>
<p>2021-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems</p>	<p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p>	<p>KB5005633</p>	<p>N/A</p>
<p>2021-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems</p>	<p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p>	<p>KB5005573</p>	<p>N/A</p>
<p>2021-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item,</p>	<p>KB5005698</p>	<p>N/A</p>

	you may have to restart your computer.		
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BD Product Name: BD Pyxis™ **CUBIE™ Replenishment System**

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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
2021-09 Cumulative Security Update for Internet Explorer 11 for Windows 8.1 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	KB5005563	N/A
2021-09 Security Only Quality Update for Windows Embedded Standard 7 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.	KB5005615	N/A



<p>2021-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems</p>	<p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p>	<p>KB5005633</p>	<p>N/A</p>
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BD Product Name: **BD Pyxis™ Anesthesia Station 4000**

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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 - v5.93.	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	KB890830	N/A
2021-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue that prevents users from tracking Distributed Component Object Model (DCOM) activation failures. Addresses an issue that might cause a memory leak to occur during prolonged Remote Desktop audio redirection. Addresses an issue that causes a non-paged memory leak in the FLTMGR.SYS driver. This issue occurs because of a reference count issue in the DFS.SYS driver during cluster failover. As a result, the system might become unresponsive. Addresses an issue with using the robocopy command with the backup option (/B) to fix copy failures. This issue occurs when the source files	KB5005573	N/A



	<p>contain Alternate Data Streams (ADS) or Extended Attributes (EA) and the destination is an Azure Files share.</p> <p>Addresses an issue that causes Authentication Mechanism Assurance (AMA) to stop working. This issue occurs when you migrate to Windows Server 2016 (or newer versions of Windows) and when using AMA in conjunction with certificates from Windows Hello for Business.</p> <p>Addresses an issue that prevents you from writing to a Windows Management Instrumentation (WMI) repository after a low memory condition occurs.</p>		
2021-09 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems.	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	KB5005698	N/A
2021-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	KB5005563	N/A
2021-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems.	<p>This security update includes improvements and fixes that were a part of update KB5005088 (released August 10, 2021) and addresses the following issues:</p> <p>Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures.</p> <p>This update also contains</p>	KB5005633	N/A

	miscellaneous security improvements to internal OS functionality.		
2021-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.	KB5005615	N/A

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

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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
2021-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	KB5005563	N/A
2021-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.	KB5005615	N/A
2021-09 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 KB5005088 (released August 10, 2021) and addresses the following issues: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures.	KB5005633	N/A



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

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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 - v5.93.	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	KB890830	N/A
2021-09 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 KB5005090 (released August 10, 2021) and addresses the following issues: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.	KB5005606	N/A
2021-09 Security Only Quality Update for Windows Server 2008 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.	KB5005618	N/A



2021-09 Cumulative Security Update for Internet Explorer 9 for Windows Server 2008 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	KB5005563	N/A
2021-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	KB5005563	N/A
2021-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.	KB5005615	N/A
2021-09 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 KB5005088 (released August 10, 2021) and addresses the following issues: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.	KB5005633	N/A

BD Product Name: **BD Pyxis™ MedStation™ 4000**

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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 - v5.93.	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	KB890830	N/A
2021-09 Cumulative Update for Windows Server 2016 for x64-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue that prevents users from tracking Distributed Component Object Model (DCOM) activation failures. Addresses an issue that might cause a memory leak to occur during prolonged Remote Desktop audio redirection. Addresses an issue that causes a non-paged memory leak in the FLTMGR.SYS driver. This issue occurs because of a reference count issue in the DFS.SYS driver during cluster failover. As a result, the system might become unresponsive. Addresses an issue with using the robocopy command with the backup option (/B) to fix copy failures. This issue occurs when the source files contain Alternate Data	KB5005573	N/A



	<p>Streams (ADS) or Extended Attributes (EA) and the destination is an Azure Files share.</p> <p>Addresses an issue that causes Authentication Mechanism Assurance (AMA) to stop working. This issue occurs when you migrate to Windows Server 2016 (or newer versions of Windows) and when using AMA in conjunction with certificates from Windows Hello for Business.</p> <p>Addresses an issue that prevents you from writing to a Windows Management Instrumentation (WMI) repository after a low memory condition occurs.</p>		
2021-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems.	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	KB5005698	N/A
2021-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems.	<p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue that prevents users from tracking Distributed Component Object Model (DCOM) activation failures.</p> <p>Addresses an issue that might cause a memory leak to occur during prolonged Remote Desktop audio redirection.</p> <p>Addresses an issue that causes a non-paged memory leak in the FLTMGR.SYS driver. This issue occurs because of a reference count issue in the DFS.SYS driver</p>	KB5005573	N/A

	<p>during cluster failover. As a result, the system might become unresponsive.</p> <p>Addresses an issue with using the robocopy command with the backup option (/B) to fix copy failures. This issue occurs when the source files contain Alternate Data Streams (ADS) or Extended Attributes (EA) and the destination is an Azure Files share.</p> <p>Addresses an issue that causes Authentication Mechanism Assurance (AMA) to stop working. This issue occurs when you migrate to Windows Server 2016 (or newer versions of Windows) and when using AMA in conjunction with certificates from Windows Hello for Business.</p> <p>Addresses an issue that prevents you from writing to a Windows Management Instrumentation (WMI) repository after a low memory condition occurs.</p>		
2021-09 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems.	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	KB5005698	N/A
Windows Malicious Software Removal Tool - v5.93.	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	KB890830	N/A

<p>2021-09 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems.</p>	<p>This security update includes improvements and fixes that were a part of update KB5005090 (released August 10, 2021) and addresses the following issues: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.</p>	<p>KB5005606</p>	<p>N/A</p>
<p>2021-09 Security Only Quality Update for Windows Server 2008 for x86-based Systems.</p>	<p>This security update includes quality improvements. Key changes include: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.</p>	<p>KB5005618</p>	<p>N/A</p>
<p>2021-09 Cumulative Security Update for Internet Explorer 9 for Windows Server 2008 for x86-based systems.</p>	<p>This security update resolves vulnerabilities in Internet Explorer.</p>	<p>KB5005563</p>	<p>N/A</p>
<p>2021-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems.</p>	<p>This security update includes quality improvements. Key changes include: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.</p>	<p>KB5005615</p>	<p>N/A</p>

<p>2021-09 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 KB5005088 (released August 10, 2021) and addresses the following issues: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.</p>	<p>KB5005633</p>	<p>N/A</p>
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BD Product Name: **BD Pyxis™ Supply**

Date of Critical or Security Patches: Sep 2021
Abstract: Critical or Security Patches – Sep 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for Sep 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
2021-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	This update contains miscellaneous security improvements to internal OS functionality. No additional issues were documented for this release.	KB5005627	None
2021-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems	This security update resolves vulnerabilities in Internet Explorer. The fixes that are included in this update are also included in the September 2021 Security Monthly Quality Rollup. Installing either this update or the Security Monthly Quality Rollup installs the same fixes.	KB5005563	None
2021-09 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 KB5005076 (released August 10, 2021) and addresses the following issues: This update contains miscellaneous security improvements to internal OS functionality. No additional issues were documented for this release.	KB5005613	None
2021-09 Security	This security update includes	KB5005633	None



Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	<p>improvements and fixes that were a part of update KB5005088 (released August 10, 2021) and addresses the following issues:</p> <p>Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures.</p> <p>This update also contains miscellaneous security improvements to internal OS functionality.</p>		
2021-09 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	<p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures.</p> <p>This update also contains miscellaneous security improvements to internal OS functionality.</p>	KB5005615	None
2021-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems	<p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	KB5005698	None
2021-09 Cumulative Update for Windows Server 2016 for x64-based Systems	<p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue that prevents users from tracking Distributed Component Object Model (DCOM)</p>	KB5005573	None

	<p>activation failures.</p> <p>Addresses an issue that might cause a memory leak to occur during prolonged Remote Desktop audio redirection.</p> <p>Addresses an issue that causes a non-paged memory leak in the FLTMGR.SYS driver. This issue occurs because of a reference count issue in the DFS.SYS driver during cluster failover. As a result, the system might become unresponsive.</p> <p>Addresses an issue with using the robocopy command with the backup option (/B) to fix copy failures. This issue occurs when the source files contain Alternate Data Streams (ADS) or Extended Attributes (EA) and the destination is an Azure Files share.</p> <p>Addresses an issue that causes Authentication Mechanism Assurance (AMA) to stop working. This issue occurs when you migrate to Windows Server 2016 (or newer versions of Windows) and when using AMA in conjunction with certificates from Windows Hello for Business.</p> <p>Addresses an issue that prevents you from writing to a Windows Management Instrumentation (WMI) repository after a low memory condition occurs.</p>		
<p>2021-09 Cumulative Update for Windows 10 Version 1809 for x86-based Systems</p>	<p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue that causes PowerShell to create an infinite number of child directories. This issue occurs when you use the PowerShell</p>	<p>KB5005568</p>	<p>None</p>

	Move-Item command to move a directory to one of its children. As a result, the volume fills up and the system stops responding.		
Windows Malicious Software Removal Tool x64 - v5.93	<p>The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems:</p> <p>Windows 10 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</p>	KB890830	None

BD Product Name: **BD Pyxis™ Pharmogistics™**
 Date of Critical or Security Patches: September 2021
 Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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	N/A
2021-09 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 KB5005076 (released August 10, 2021) and addresses the following issues: - This update contains miscellaneous security improvements to internal OS functionality. No additional issues were documented for this release.	KB5005613	N/A
2021-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2	This security update resolves vulnerabilities in Internet Explorer. To learn more about these vulnerabilities,	KB5005563	N/A



for x64-based systems	see Microsoft Common Vulnerabilities and Exposures.		
2021-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	This security update includes quality improvements. Key changes include: This update contains miscellaneous security improvements to internal OS functionality. No additional issues were documented for this release. For more information about the resolved security vulnerabilities, please refer to the new Security Update Guide website.	KB5005627	N/A
2021-09 Servicing Stack Update for Windows Server 2016 for x64-based Systems	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates	KB5005698	N/A
2021-09 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue that prevents users from tracking Distributed Component Object Model (DCOM) activation failures. Addresses an issue that might cause a memory leak to occur during prolonged Remote Desktop audio redirection. Addresses an issue that causes a non-paged memory leak in the FLTMGR.SYS driver. This issue occurs because of a reference count issue in the DFS.SYS driver during cluster failover. As a result, the system might become	KB5005573	N/A

	unresponsive.		
2021-09 Dynamic Cumulative Update for Windows 10 Version 20H2 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) ensure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	KB5005565	N/A
2021-09 Security Monthly Quality Rollup for Windows Server 2008 R2 for x64-based Systems	This security update includes improvements and fixes that were a part of update KB5005088 (released August 10, 2021) and addresses the following issues: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.	KB5005633	N/A
2021-09 Security Only Quality Update for Windows Server 2008 R2 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.	KB5005615	N/A
2021-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2008 R2 for x64-based systems	This security update resolves vulnerabilities in Internet Explorer. To learn more about these vulnerabilities, see Microsoft Common Vulnerabilities and Exposures.	KB5005563	N/A

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

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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
2021-09 Cumulative Update for Windows 10 Version 1809 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5005568	None
2021-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5005627	None
2021-09 Security Monthly Quality	A security issue has been identified in a Microsoft	KB5005613	None



Rollup for Windows Server 2012 R2 for x64-based Systems	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.		
2021-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft	KB5005563	None
Windows Malicious Software Removal Tool x64 - v5.93.	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	KB890830	N/A
2021-09 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	KB5005563	N/A
33	This security update includes quality improvements. Key changes include: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.	KB5005615	N/A
2021-09 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based	This security update includes improvements and fixes that were a part of update KB5005088 (released August 10, 2021) and addresses the	KB5005633	N/A

Systems.	following issues: Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures. This update also contains miscellaneous security improvements to internal OS functionality.		
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BD Product Name: **BD Pyxis™ Anesthesia ES**

Date of Critical or Security Patches: September 2021

Abstract: Critical or Security Patches – September 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for September 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 to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
2021-09 Cumulative Update for Windows 10 Version 1809 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5005568	None