

BD Product Name: **BD Pyxis™ CII Safe 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. The patches include updates that may adversely affect BD Pyxis™ CII Safe ES. These patches will not be and should not be installed on BD Pyxis™ CII Safe ES at this time.

Customers that maintain patches independent of BD automated delivery should ensure these actions are not performed as the acting responsible entity in order to maintain the correct security posture of the system(s).

Note: These patches only apply to the latest supported version(s) of the BD offering.

Patch Name	Description	Patch ID	Notes
SQL Server 2016 Service Pack 2 Cumulative Update (CU) 16	CU16 for SQL Server 2016 Service Pack 2 upgraded all SQL Server 2016 Service Pack 2 instances and components installed through the SQL Server setup. CU16 can upgrade all editions and servicing levels of SQL Server 2016 Service Pack 2 to the CU16 level.	<a href="#">KB5000645</a>	1
SQL Server 2016 Service Pack 2 Cumulative Update (CU) 15	CU15 for SQL Server 2016 Service Pack 2 upgraded all SQL Server 2016 Service Pack 2 instances and components installed through the SQL Server setup. CU15 can upgrade all editions and servicing levels of SQL Server 2016 Service Pack 2 to the CU15 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update ( <a href="https://support.microsoft.co">https://support.microsoft.co</a>	<a href="#">KB4577775</a>	1



	m/en-us/kb/957826)options, please visit the Microsoft Download Center to download the latest Cumulative Update ( <a href="https://support.microsoft.com/en-us/kb/957826">https://support.microsoft.com/en-us/kb/957826</a> )		
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Note:

1. After installation of this KB. DB is going into recovery mode. Bug raised for same. Bug Id: 1171472

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.

The patches include updates that may adversely affect BD Pyxis™ Security Module. These patches will not be and should not be installed on BD Pyxis™ Security Module at this time.

Customers that maintain patches independent of BD automated delivery should ensure these actions are not performed as the acting responsible entity in order to maintain the correct security posture of the system(s).

Note: These patches only apply to the latest supported version(s) of the BD offering

Patch Name	Description	Patch ID	Notes
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. OS: Windows Server 2008	<a href="#">KB5005633</a>	1
2021-09 Security Only Quality Update for Windows Server 2008 R2 for x64-based Systems	This security update includes quality improvements. Key changes include: <ul style="list-style-type: none"><li>Addresses an issue in which a driver might not install if the driver is signed with more than one code sign signatures.</li></ul> This update also contains miscellaneous security improvements to internal OS functionality. OS: Windows Server 2008	<a href="#">KB5005615</a>	1
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. 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	<a href="#">KB5005563</a>	1



	OS: Windows Server 2008, Windows Server 2012 R2		
2021-09 Cumulative Update for Windows Server 2016 for x64-based Systems	<p>This security update includes quality improvements. Key changes include:</p> <ul style="list-style-type: none"> <li>• Addresses an issue that prevents users from tracking Distributed Component Object Model (DCOM) activation failures.</li> <li>• Addresses an issue that might cause a memory leak to occur during prolonged Remote Desktop audio redirection.</li> <li>• 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.</li> <li>• 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.</li> <li>• Addresses an issue that causes Authentication</li> </ul>	<a href="#">KB5005573</a>	1

	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.		
Windows Malicious Software Removal Tool x64 - v5.93	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 2012	<a href="#">KB890830</a>	1
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	<a href="#">KB5005613</a>	1

## Notes

- This update is not able to install patches on
  - Windows server 2008 for Security Module v2.4 devices(RSS and Regular).
  - Windows Server 2012 for Clean Install Security Module 2.5 device and
  - Windows Server 2016 STD for Security Module v2.5 device.

Bug has been raised for the same. Bug ID: 1264325

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 will not install on BD Pyxis™ Supply.

The patch includes updates that may adversely affect Pyxis™ Supply. This patch will not be and should not be installed on BD Pyxis™ Supply at this time.

Customers that maintain patches independent of BD automated delivery should ensure these actions are not performed as the acting responsible entity in order to maintain the correct security posture of the system(s).

Note: This patch only apply to the latest supported version(s) of the BD offering.

Patch Name	Description	Patch ID	Notes
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.	<a href="#">KB5005618</a>	1
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.	<a href="#">KB5005606</a>	1
2021-09 Cumulative Security Update for Internet Explorer 9 for	This security update resolves vulnerabilities in Internet Explorer.	<a href="#">KB5005563</a>	1



Windows Server 2008 for x86-based systems			
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Note:

1. Due to environment issue patch was unable to be validated this month.

BD Product Name: **BD Pyxis™ Anesthesia™ ES**  
 Date of Critical or Security Patches: August 2021  
 Abstract: Critical or Security Patches – August 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft® that have been identified as critical or security related for August 2021. The patches include updates that may adversely affect BD Pyxis™ MedStation™ ES. These patches will not be and should not be installed on BD Pyxis™ MedStation™ ES at this time.

Customers that maintain patches independent of BD automated delivery should ensure these actions are not performed as the acting responsible entity in order to maintain the correct security posture of the system(s).

Note: These patches only apply to the latest supported version(s) of the BD offering.

Patch Name	Description	Patch ID	Notes
2021-08 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.	<a href="#">KB5005030</a>	1
Windows Malicious Software Removal Tool x64 - v5.93.	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	<a href="#">KB890830</a>	1
2021-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update,	<a href="#">KB5005573</a>	1





	you may have to restart your system.		
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.	<a href="#">KB5005698</a>	1
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.	<a href="#">KB5005633</a>	1
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.	<a href="#">KB5005615</a>	1
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	<a href="#">KB5005633</a>	1

	more than one code sign signatures.		
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Note: Due to environment issue patch was unable to be validated this month.  
Bug raised for the same. Bug id:1241592



BD Product Name: **BD Pyxis™ Medstation™ ES**  
Date of Critical or Security Patches: August 2021  
Abstract: Critical or Security Patches – August 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft® that have been identified as critical or security related for August 2021. The patches include updates that may adversely affect BD Pyxis™ MedStation™ ES. These patches will not be and should not be installed on BD Pyxis™ MedStation™ ES at this time.

Customers that maintain patches independent of BD automated delivery should ensure these actions are not performed as the acting responsible entity in order to maintain the correct security posture of the system(s).

Note: These patches only apply to the latest supported version(s) of the BD offering.

Patch Name	Description	Patch ID	Notes
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.	<a href="#">KB5005698</a>	1
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.	<a href="#">KB5005613</a>	1



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.	<a href="#">KB5005627</a>	1
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	<a href="#">KB5005563</a>	1
Windows Malicious Software Removal Tool x64 - v5.93.	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	<a href="#">KB890830</a>	1
2021-09 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	<a href="#">KB5005573</a>	1
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	<a href="#">KB5005633</a>	1

	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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Note: Due to environment issue patch was unable to be validated this month.  
Bug raised for the same. Bug id:1241592