

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

Date of Critical or Security Patches: October 2021

Abstract: Critical or Security Patches – October 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for October 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 - v5.94	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month. If you want to manually run the tool on your computer, you can download a copy from the Microsoft Download Center, or you can run an online version from microsoft.com. This tool is not a replacement for an antivirus product. To help protect your computer, you should use an antivirus product.	<a href="#">KB890830</a>	None



2021-10 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.	<a href="#">KB5006669</a>	None
2021-10 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="#">KB5006729</a>	None
2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	<a href="#">KB5006671</a>	None

<p>2021-10 Security Monthly Quality Rollup for Windows Server 2012 R2 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><a href="#">KB5006714</a></p>	<p>None</p>
<p>2021-10 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 Server 2012 R2 for x64</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p><a href="#">KB5006763</a></p>	<p>None</p>
<p>2021-10 Security and Quality Rollup for .NET Framework 4.8 for Windows Server 2012 R2 for x64</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p><a href="#">KB5006067</a></p>	<p>None</p>

BD Product Name: **BD Pyxis™ Supply**

Date of Critical or Security Patches: Oct 2021

Abstract: Critical or Security Patches – Oct 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for Oct 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
2021-10 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.	<a href="#">KB5006729</a>	None
2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 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 October 2021 Security Monthly Quality Rollup.	<a href="#">KB5006671</a>	None
2021-10 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 KB5005613 (released September 14, 2021) and addresses the following issues:  Addresses an issue in which a user does not have a way to track DCOM activation failures on a server that is running Windows Server 2012 R2. Addresses an issue in which an Internet print server cannot package the driver to send to the client.	<a href="#">KB5006714</a>	None



	<p>Implements a Group Policy setting for the following registry value:  Registry location:  HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint  Value name:  RestrictDriverInstallationToAdministrators  Value data: 1  Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings:  Package Point and Print - Approved Servers  Point and Print Restrictions  Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.  In Internet Explorer 11 for Windows 8.1 and Windows Server 2012 R2, certain circumstances might cause Enterprise Mode Site List redirection from Internet Explorer 11 to Microsoft Edge to open the site in multiple tabs in Microsoft Edge.</p>		
<p>2021-10 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems</p>	<p>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.</p>	<p><a href="#">KB5006728</a></p>	<p>None</p>

<p>2021-10 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 KB5005633 (released September 14, 2021) and addresses the following issues:</p> <p>Addresses an issue in which an Internet print server cannot package the driver to send to the client.</p> <p>Implements a Group Policy setting for the following registry value: Registry location: HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint Value name: RestrictDriverInstallationToAdministrators Value data: 1 For more information, see KB5005010.</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings: Package Point and Print - Approved Servers Point and Print Restrictions</p> <p>Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p>	<p><a href="#">KB5006743</a></p>	<p>None</p>
<p>2021-10 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems</p>	<p>This update makes quality improvements for the servicing stack, the component that installs Windows updates. Servicing Stack Updates (SSU) ensure that you have a robust and reliable servicing stack for your devices to receive and install Microsoft updates.</p>	<p><a href="#">KB5006749</a></p>	<p>None</p>



<p>2021-10 Cumulative Update for Windows Server 2016 for x64-based Systems</p>	<p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue that might prevent users from signing in to a domain controller using Directory Services Restore Mode (DSRM) over a Remote Desktop or a Hyper-V enhanced session.</p> <p>Addresses an issue that occurs when the Lightweight Directory Access Protocol (LDAP) bind cache is full, and the LDAP client library receives a referral.</p> <p>Addresses a redirector stop error that is caused by a race condition that occurs when the system deletes binding objects when connections close.</p> <p>Addresses an issue that prevents the deletion of Immediate Tasks when their deletion timer activates, such as when you configure Group Policy preferences for Immediate Task actions.</p> <p>Addresses an issue that affects Enterprise Mode Site List redirection from Internet Explorer 11 to Microsoft Edge. In certain circumstances, the redirection opens a site in multiple tabs in Microsoft Edge.</p> <p>Addresses an issue regarding the just-in-time (JIT) behavior of jscript9.dll.</p> <p>Addresses an issue that prevents an internet print server from packaging a driver to send to the client.</p> <p>Addresses an issue regarding a non-paged pool (NPP) leak from the UxSF pool tag. This leak occurs when lsass.exe</p>	<p><a href="#">KB5006669</a></p>	<p>None</p>
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	<p>stops processing asynchronous Security Support Provider Interface (SSPI) calls.</p> <p>Implements a Group Policy setting for the following registry value:  Registry location:  HKLM\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint  Value name:  RestrictDriverInstallationToAdministrators  Value data: 1</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings:  Package Point and Print - Approved Servers  Point and Print Restrictions</p> <p>Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p>		
<p>Update for User-Mode Driver Framework version 1.11 for Windows</p>	<p>The User-Mode Driver Framework (UMDF) version 1.11 update contains the following changes:</p> <p>Adds the following driver-supplied callback interfaces and event callback functions:  IPnpCallbackHardware2  IPnpCallbackHardwareInterrupt</p> <p>Adds the following framework-supplied interfaces:  IWDFCmResourceList  IWDFDevice3</p>	<p><a href="#">KB2685813</a></p>	<p>None</p>



	<p>IWDFFile3  IWDFInterrupt  IWDFIoRequest3  IWDFUnifiedPropertyStore  IWDFUnifiedPropertyStoreFactory  IWDFWorkItem</p> <p>Adds the following functionality to UMDF-based drivers:</p> <ul style="list-style-type: none"> <li>Accessing Hardware and Handling interrupts</li> <li>Using Device Pooling in UMDF Drivers</li> </ul> <p>Adds the UmdfHostProcessSharing, UmdfDirectHardwareAccess, UmdfRegisterAccessMode, UmdfFileObjectPolicy, and UmdfFsContextUsePolicy directives that are described in Specifying WDF Directives in INF files.</p> <p>Adds well-known security identifiers (SID) for UMDF drivers</p> <p>Adds the Unified property store support, that is described in Using the Registry in UMDF-based Drivers</p> <p>The IoGetDeviceObjectPointer routine is integrated to work with UMDF. In earlier versions, the routine closes the handle to the device object unexpectedly, after it takes a reference on the device's handle. Therefore, the cleanup request on the device object does not occur until all I/O is completed</p> <p>Creates UMDF-based HID Minidrivers</p> <p>Improves support for Supporting Idle Power-Down in UMDF-based drivers. The framework can now put the device in the D3cold power</p>		
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	<p>state when the idle time-out period expires. The framework can also cause the device to return to its working (D0) state when the system returns to its working (S0) state.</p> <p>Adds the WudfVhidmini and NetNfpProvider samples</p>		
<p>2021-10 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 prevents an internet print server from properly packaging modified printer properties before sending the package to the client.</p> <p>Addresses an issue that prevents some applications, such as Microsoft Office and Adobe Reader, from opening or causes them to stop responding. This occurs on devices that are subject to Microsoft Exploit Protection for Export Address Filtering (EAF).</p> <p>Addresses a known issue with Windows Server 2019 virtual machines (VMs) that use Software Defined Networks (SDN) or traditional multi-tenant Routing and Remote Access service (RRAS) gateways. These VMs might lose connectivity with external networks that use gateway connections. This issue occurs after installing KB5005102 or a later Windows update.</p>	<p><a href="#">KB5006672</a></p>	<p>None</p>
<p>Windows Malicious Software Removal Tool x64 - v5.94</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>	<p><a href="#">KB890830</a></p>	<p>None</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		
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BD Product Name: **BD Pyxis® PARx**

Date of Critical or Security Patches: Oct 2021

Abstract: Critical or Security Patches – Oct 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for Oct 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 - v5.94	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	<a href="#">KB890830</a>	None
Cumulative Update for .NET Framework 4.8	The October 12, 2021 update for Windows 10, version 1607 and Windows Server, version 2016 includes cumulative reliability improvements in .NET Framework 4.8	<a href="#">KB5006065</a>	None



2021-10 Cumulative Update for x64-based Systems	Updates security for your Windows operating system.	<a href="#">KB5006669</a> -	None
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BD Product Name: **BD Pyxis™ Security Module**

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

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for October 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	<a href="#">KB890830</a>	N/A
2021-10 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update includes updates security for your Windows operating system.	<a href="#">KB5006669</a>	N/A
2021-10 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"><li>Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices</li></ul>	<a href="#">KB5006729</a>	N/A



	<p>attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p> <ul style="list-style-type: none"> <li>Addresses a known issue that might ask for administrative credentials every time you attempt to print. This occurs in environments in which the print server and print client are in different times zones.</li> </ul>		
2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems	<p>This security update helps To get Internet Explorer 11 for Windows Server 2012 or Windows 8 Embedded Standard, see KB4492872.</p> <p>Install one of the following applicable updates to stay updated with the latest security fixes:</p> <ul style="list-style-type: none"> <li>Cumulative Update for Internet Explorer 11 for Windows Server 2012.</li> <li>Cumulative Update for Internet Explorer 11 for Windows 8 Embedded Standard.</li> <li>The October 2021 Monthly Rollup.</li> </ul>	<a href="#">KB5006671</a>	N/A
2021-10 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems	<p>This security update includes improvements and fixes that were a part of update KB5005613</p>	<a href="#">KB5006714</a>	NA

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

Date of Critical or Security Patches - October 2021

Abstract: Critical or Security Patches - October 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for October 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 - v5.94	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	<a href="#">KB890830</a>	N/A
2021-10 Cumulative Update for Windows Server 2016 for x64-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue that might prevent users from signing in to a domain controller using Directory Services Restore Mode (DSRM) over a Remote Desktop or a Hyper-V enhanced session. Addresses an issue that occurs when the Lightweight Directory Access Protocol (LDAP) bind cache is full, and the LDAP client library receives a referral. Addresses a redirector stop error that is caused by a race condition that occurs when the system deletes binding objects when connections close. Addresses an issue that prevents the deletion of Immediate Tasks when their deletion timer activates, such as when you configure Group Policy preferences for Immediate Task actions. Addresses an issue that affects Enterprise Mode Site List redirection from Internet Explorer	<a href="#">KB5006669</a>	N/A





	<p>11 to Microsoft Edge. In certain circumstances, the redirection opens a site in multiple tabs in Microsoft Edge.</p> <p>Addresses an issue regarding the just-in-time (JIT) behavior of jscript9.dll.</p> <p>Addresses a known issue that prevents an internet print server from properly packaging modified printer properties before sending the package to the client.</p> <p>Addresses an issue regarding a non-paged pool (NPP) leak from the UxSF pool tag. This leak occurs when lsass.exe stops processing asynchronous Security Support Provider Interface (SSPI) calls.</p> <p>Implements a Group Policy setting for the following registry value:</p> <p>Registry location:  HKLMSOFTWARE\POLICIES\MICROSOFT\WINDOWS  NT\PRINTERS\POINTANDPRINT</p> <p>Value name:  RestrictDriverInstallationToAdministrators</p> <p>Value data: 1</p> <p>For more information, see KB5005652.</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings:  Package Point and Print - Approved Servers  Point and Print Restrictions</p> <p>Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p>		
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	Addresses a known issue that might ask for administrative credentials every time you attempt to print. This occurs in environments in which the print server and print client are in different times zones.		
2021-10 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 might prevent users from signing in to a domain controller using Directory Services Restore Mode (DSRM) over a Remote Desktop or a Hyper-V enhanced session.</p> <p>Addresses an issue that occurs when the Lightweight Directory Access Protocol (LDAP) bind cache is full, and the LDAP client library receives a referral.</p> <p>Addresses a redirector stop error that is caused by a race condition that occurs when the system deletes binding objects when connections close.</p> <p>Addresses an issue that prevents the deletion of Immediate Tasks when their deletion timer activates, such as when you configure Group Policy preferences for Immediate Task actions.</p> <p>Addresses an issue that affects Enterprise Mode Site List redirection from Internet Explorer 11 to Microsoft Edge. In certain circumstances, the redirection opens a site in multiple tabs in Microsoft Edge.</p> <p>Addresses an issue regarding the just-in-time (JIT) behavior of jscript9.dll.</p> <p>Addresses a known issue that prevents an internet print server from properly packaging modified printer properties before sending the package to the client.</p> <p>Addresses an issue regarding a non-paged pool (NPP) leak from</p>	<a href="#">KB5006669</a>	N/A

	<p>the UxSF pool tag. This leak occurs when lsass.exe stops processing asynchronous Security Support Provider Interface (SSPI) calls.</p> <p>Implements a Group Policy setting for the following registry value:  Registry location:  HKLM\Software\Policies\Microsoft\Windows  NT\Printers\PointAndPrint  Value name:  RestrictDriverInstallationToAdministrators  Value data: 1</p> <p>For more information, see KB5005652.</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings:  Package Point and Print - Approved Servers  Point and Print Restrictions</p> <p>Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p> <p>Addresses a known issue that might ask for administrative credentials every time you attempt to print. This occurs in environments in which the print server and print client are in different time zones.</p>		
Windows Malicious Software Removal Tool - v5.94	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	<a href="#">KB890830</a>	N/A

<p>2021-10 Servicing Stack Update for Windows Server 2008 for x86-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) make sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	<p><a href="#">KB5006750</a></p>	<p>N/A</p>
<p>2021-10 Security Only Quality Update for Windows Server 2008 for x86-based Systems.</p>	<p>This security update includes quality improvements. Key changes include: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p>	<p><a href="#">KB5006715</a></p>	<p>N/A</p>
<p>2021-10 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><a href="#">KB5006671</a></p>	<p>N/A</p>
<p>2021-10 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 KB5005606 (released September 14, 2021) and addresses the following issues: Addresses an issue in which an Internet print server cannot package the driver to send to the client. Implements a Group Policy setting for the following registry value: Registry location: HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint Value name: RestrictDriverInstallationToAdministrators Value data: 1</p>	<p><a href="#">KB5006736</a></p>	<p>N/A</p>

	<p>For more information, see KB5005652.</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings:  Package Point and Print - Approved Servers  Point and Print Restrictions</p> <p>Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p> <p>Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p> <p>Addresses a known issue that might ask for administrative credentials every time you attempt to print. This occurs in environments in which the print server and print client are in different times zones.</p>		
2021-10 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems.	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	<a href="#">KB5006749</a>	N/A
2021-10 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 KB5005633 (released September 14, 2021) and addresses the following issues: Addresses an issue in which an Internet print server cannot package the driver to send to the client.	<a href="#">KB5006743</a>	N/A



	<p>Implements a Group Policy setting for the following registry value:  Registry location:  HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint  Value name:  RestrictDriverInstallationToAdministrators  Value data: 1  For more information, see KB5005652.</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings:  Package Point and Print - Approved Servers  Point and Print Restrictions  Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p> <p>Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p> <p>Addresses a known issue that might ask for administrative credentials every time you attempt to print. This occurs in environments in which the print server and print client are in different times zones.</p>		
<p>2021-10 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 a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer</p>	<p><a href="#">KB5006728</a></p>	<p>N/A</p>

	<p>for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p> <p>Addresses a known issue that might ask for administrative credentials every time you attempt to print. This occurs in environments in which the print server and print client are in different times zones.</p>		
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BD Product Name: **BD Pyxis™ MedStation™ 3500**

Date of Critical or Security Patches - October 2021

Abstract: Critical or Security Patches - October 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for October 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 - v5.94	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	<a href="#">KB890830</a>	N/A
2021-10 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 KB5005606 (released September 14, 2021) and addresses the following issues: Addresses an issue in which an Internet print server cannot package the driver to send to the client. Implements a Group Policy setting for the following registry value: Registry location: HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint Value name: RestrictDriverInstallationToAdministrators Value data: 1 For more information, see KB5005010. Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings:	<a href="#">KB5006736</a>	N/A





	Package Point and Print - Approved Servers Point and Print Restrictions Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.		
2021-10 Cumulative Security Update for Internet Explorer 9 for Windows Server 2008 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	<a href="#">KB5006671</a>	N/A
2021-10 Security Only Quality Update for Windows Server 2008 for x86-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.	<a href="#">KB5006715</a>	N/A
2021-10 Servicing Stack Update for Windows Server 2008 for x86-based Systems.	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) make sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	<a href="#">KB5006750</a>	N/A
2021-10 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems.	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	<a href="#">KB5006749</a>	N/A
2021-10 Security Only Quality Update for Windows Embedded Standard 7 for x86-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.	<a href="#">KB5006728</a>	N/A

2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	<a href="#">KB5006671</a>	N/A
2021-10 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 KB5005633 (released September 14, 2021) and addresses the following issues:</p> <p>Addresses an issue in which an Internet print server cannot package the driver to send to the client.</p> <p>Implements a Group Policy setting for the following registry value: Registry location: HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint Value name: RestrictDriverInstallationToAdministrators Value data: 1 For more information, see KB5005010.</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings: Package Point and Print - Approved Servers Point and Print Restrictions</p> <p>Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p>	<a href="#">KB5006743</a>	N/A

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

Date of Critical or Security Patches: October 2021  
Abstract: Critical or Security Patches – October 2021  
Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for October 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
2021-10 Servicing Stack Update for Windows 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	<a href="#">KB 5006749</a>	N/A
2021-10 Security Monthly Quality Rollup 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.	<a href="#">KB 5006743</a>	N/A



<p>2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 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><a href="#">KB5006671</a></p>	<p>N/A</p>
<p>2021-10 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><a href="#">KB5006728</a></p>	<p>N/A</p>

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

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

### **Microsoft® & Third-Party Patches**

BD has identified patches from Microsoft that have been identified as critical or security related for October 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).

<b>Patch Name</b>	<b>Description</b>	<b>Patch ID</b>	<b>Notes</b>
2021-10 Servicing Stack Update for Windows 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	<a href="#">KB 5006749</a>	N/A
2021-10 Security Monthly Quality Rollup 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.	<a href="#">KB 5006743</a>	N/A



<p>2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 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><a href="#">KB5006671</a></p>	<p>N/A</p>
<p>2021-10 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><a href="#">KB5006728</a></p>	<p>N/A</p>
<p>2021-10 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 Server 2008 R2 for x64</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p><a href="#">KB 5006671</a></p>	
<p>2021-10 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</p>	<p><a href="#">KB 5006669</a></p>	

	you install this update, you may have to restart your system.		
Windows Malicious Software Removal Tool x64 - v5.94	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month. If you want to manually run the tool on your computer, you can download a copy from the Microsoft Download Center, or you can run an online version from microsoft.com. This tool is not a replacement for an antivirus product. To help protect your computer, you should use an antivirus product.	<a href="#">KB 890830</a>	

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

Date of Critical or Security Patches - October 2021

Abstract: Critical or Security Patches - October 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for October 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
2021-10 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems.	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	<a href="#">KB5006749</a>	N/A
2021-10 Security Only Quality Update for Windows Embedded Standard 7 for x86-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.	<a href="#">KB5006728</a>	N/A
2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	<a href="#">KB5006671</a>	N/A
2021-10 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 KB5005633 (released September 14, 2021) and	<a href="#">KB5006743</a>	N/A





	<p>addresses the following issues:</p> <p>Addresses an issue in which an Internet print server cannot package the driver to send to the client.</p> <p>Implements a Group Policy setting for the following registry value:</p> <p>Registry location: HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint</p> <p>Value name: RestrictDriverInstallationToAdministrators</p> <p>Value data: 1</p> <p>For more information, see KB5005010.</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings:</p> <p>Package Point and Print - Approved Servers Point and Print Restrictions</p> <p>Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p>		
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BD Product Name: **BD Pyxis™ Anesthesia Station 4000**

Date of Critical or Security Patches - October 2021

Abstract: Critical or Security Patches - October 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for October 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 - v5.94	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software.	<a href="#">KB890830</a>	N/A
2021-10 Cumulative Update for Windows 10 Version 1607 for x64-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue that might prevent users from signing in to a domain controller using Directory Services Restore Mode (DSRM) over a Remote Desktop or a Hyper-V enhanced session. Addresses an issue that occurs when the Lightweight Directory Access Protocol (LDAP) bind cache is full, and the LDAP client library receives a referral. Addresses a redirector stop error that is caused by a race condition that occurs when the system deletes binding objects when connections close. Addresses an issue that prevents the deletion of Immediate Tasks when their deletion timer activates, such as when you configure Group Policy preferences for Immediate Task actions.	<a href="#">KB5006669</a>	N/A



	<p>Addresses an issue that affects Enterprise Mode Site List redirection from Internet Explorer 11 to Microsoft Edge. In certain circumstances, the redirection opens a site in multiple tabs in Microsoft Edge.</p> <p>Addresses an issue regarding the just-in-time (JIT) behavior of jscript9.dll.</p> <p>Addresses a known issue that prevents an internet print server from properly packaging modified printer properties before sending the package to the client.</p> <p>Addresses an issue regarding a non-paged pool (NPP) leak from the UxSF pool tag. This leak occurs when lsass.exe stops processing asynchronous Security Support Provider Interface (SSPI) calls.</p> <p>Implements a Group Policy setting for the following registry value: Registry location: HKLM\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint Value name: RestrictDriverInstallationToAdministrators Value data: 1 For more information, see KB5005652.</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings: Package Point and Print - Approved Servers Point and Print Restrictions</p> <p>Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices</p>		
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	<p>that access printers using a print server that uses HTTP connections.</p> <p>Addresses a known issue that might ask for administrative credentials every time you attempt to print. This occurs in environments in which the print server and print client are in different times zones.</p>		
<p>2021-10 Servicing Stack Update for Windows Embedded Standard 7 for x86-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><a href="#">KB5006749</a></p>	<p>N/A</p>
<p>2021-10 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 KB5005633 (released September 14, 2021) and addresses the following issues:</p> <p>Addresses an issue in which an Internet print server cannot package the driver to send to the client.</p> <p>Implements a Group Policy setting for the following registry value: Registry location: HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint Value name: RestrictDriverInstallationToAdministrators Value data: 1 For more information, see KB5005652.</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings: Package Point and Print - Approved Servers</p>	<p><a href="#">KB5006743</a></p>	<p>N/A</p>



	<p>Point and Print Restrictions Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p> <p>Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p>		
2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	<a href="#">KB5006671</a>	N/A
2021-10 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 a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p>	<a href="#">KB5006728</a>	N/A

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

Date of Critical or Security Patches: October 2021

Abstract: Critical or Security Patches – October 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for October 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.	<a href="#">KB5006672</a>	None
2021-10 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 KB5005633 (released September 14, 2021) and addresses the following issues: Addresses an issue in which an Internet print server cannot package the driver to send to the client. Implements a Group Policy setting for the following registry value:	<a href="#">KB5006743</a>	None



	<p>Registry location:  HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint  Value name:  RestrictDriverInstallationToAdministrators  Value data: 1  For more information, see KB5005010.  Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings:  Package Point and Print - Approved Servers  Point and Print Restrictions  Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p>		
2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	<a href="#">KB5006671</a>	None
2021-10 Security Only Quality Update for Windows Embedded Standard 7 for x86-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.	<a href="#">KB5006728</a>	None
2021-10 Cumulative Update for Windows 10 Version 1607 for x64-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue that might prevent users from signing in to a domain controller using Directory Services Restore Mode (DSRM) over a Remote	<a href="#">KB5006669</a>	None

	<p>Desktop or a Hyper-V enhanced session.</p> <p>Addresses an issue that occurs when the Lightweight Directory Access Protocol (LDAP) bind cache is full, and the LDAP client library receives a referral.</p> <p>Addresses a redirector stop error that is caused by a race condition that occurs when the system deletes binding objects when connections close.</p> <p>Addresses an issue that prevents the deletion of Immediate Tasks when their deletion timer activates, such as when you configure Group Policy preferences for Immediate Task actions.</p> <p>Point and Print Restrictions</p> <p>Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p> <p>Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p>		
<p>Windows Malicious Software Removal Tool x64 - v5.94</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> <p>Windows 10  Windows Server 2019  Windows Server 2016  Windows 8.1</p>	<p><a href="#">KB890830</a></p>	<p>None</p>



	Windows Server 2012 R2 Windows Server 2012 Windows Server 2008 R2 Windows 7 Windows Server 2008		
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BD Product Name: **BD Pyxis™ CIISafe ES**

Date of Critical or Security Patches: October 2021

Abstract: Critical or Security Patches – October 2021

### **Microsoft® & Third-Party Patches**

BD has identified patches from Microsoft that have been identified as critical or security related for October 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).

<b>Patch Name</b>	<b>Description</b>	<b>Patch ID</b>	<b>Notes</b>
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.	<a href="#">KB5006672</a>	None

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

Date of Critical or Security Patches: October 2021

Abstract: Critical or Security Patches – October 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for October 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.	<a href="#">KB5006672</a>	None
2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 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 October 2021 Security Monthly Quality Rollup.	<a href="#">KB5006671</a>	None
2021-10 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.	<a href="#">KB5006729</a>	None



<p>2021-10 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems</p>	<p>This security update includes improvements and fixes that were a part of update KB5005613 (released September 14, 2021) and addresses the following issues:</p> <p>Addresses an issue in which a user does not have a way to track DCOM activation failures on a server that is running Windows Server 2012 R2.</p> <p>Addresses an issue in which an Internet print server cannot package the driver to send to the client.</p> <p>Implements a Group Policy setting for the following registry value: Registry location: HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows\Printers\PointAndPrint Value name: RestrictDriverInstallationToAdministrators Value data: 1</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings: Package Point and Print - Approved Servers Point and Print Restrictions</p> <p>Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p> <p>In Internet Explorer 11 for Windows 8.1 and Windows Server 2012 R2, certain circumstances might cause Enterprise Mode Site List redirection from Internet</p>	<p><a href="#">KB5006714</a></p>	<p>None</p>
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	Explorer 11 to Microsoft Edge to open the site in multiple tabs in Microsoft Edge.		
Windows Malicious Software Removal Tool x64 - v5.94	<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>	<a href="#">KB890830</a>	None
2021-10 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems.	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	<a href="#">KB5006749</a>	None
2021-10 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>This update contains miscellaneous security improvements to internal OS functionality. No additional issues were documented for this release.</p>	<a href="#">KB5006728</a>	None
2021-10 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 KB5005633 (released September 14, 2021) and addresses the following issues:</p> <p>Addresses an issue in which an Internet print server</p>	<a href="#">KB5006743</a>	None

	<p>cannot package the driver to send to the client.</p> <p>Implements a Group Policy setting for the following registry value: Registry location: HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\Windows NT\Printers\PointAndPrint Value name: RestrictDriverInstallationToAdministrators Value data: 1 For more information, see KB5005010.</p> <p>Adds the ability to configure period or dot (.) delimited IP addresses interchangeably with fully qualified host names in the following Group Policy settings: Package Point and Print - Approved Servers Point and Print Restrictions Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p>		
2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Embedded Standard 7 for x86-based systems.	This security update resolves vulnerabilities in Internet Explorer.	<a href="#">KB5006671</a>	None
2021-10 Cumulative Update for Windows 10 Version 1607 for x64-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue that might prevent users from signing in to a domain controller using Directory Services Restore Mode (DSRM) over a Remote Desktop or a Hyper-V enhanced session. Addresses an issue that occurs when the Lightweight	<a href="#">KB5006669</a>	None

	<p>Directory Access Protocol (LDAP) bind cache is full, and the LDAP client library receives a referral.</p> <p>Addresses a redirector stop error that is caused by a race condition that occurs when the system deletes binding objects when connections close.</p> <p>Addresses an issue that prevents the deletion of Immediate Tasks when their deletion timer activates, such as when you configure Group Policy preferences for Immediate Task actions.</p> <p>Point and Print Restrictions</p> <p>Addresses an issue in which Security Account Manager (SAM) events are not displayed properly in the Event Viewer.</p> <p>Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.</p>		
<p>2021-10 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>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p><a href="#">KB5006761</a></p>	<p>None</p>

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

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

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for October 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 - v5.94	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	<a href="#">KB890830</a>	None
Cumulative Update for .NET Framework 4.8	The October 12, 2021 update for Windows 10, version 1607 and Windows Server, version 2016 includes cumulative reliability improvements in .NET Framework 4.8	<a href="#">KB5006065</a>	None





2021-10 Cumulative Update for x64-based Systems	Updates security for your Windows operating system.	<a href="#">KB5006669</a> -	None
2021-10 Security Only Quality Update for x64-based Systems	Updates security for your Windows operating system.	<a href="#">KB5006729</a>	None
2021-10 Cumulative security update for Internet Explorer	This security update resolves vulnerabilities in Internet Explorer	<a href="#">KB5006671</a>	None
2021-10 Security Monthly Quality Rollup for x64-based Systems	Updates security for your Windows operating system.	<a href="#">KB5006714</a>	None