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

Date of Critical or Security Patches: March 2021

Abstract: Critical or Security Patches – March 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft® that have been identified as critical or security related for March 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
Security Update for SQL Server 2016 Service Pack 2 CU	This security update fixes the following issue: KB4583468 - Microsoft SQL Server elevation of privilege vulnerability	KB4583461	1
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.	KB5000645	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	KB4577775	1

	options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/en-us/kb/957826)options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/en-us/kb/957826)		

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™ MedStation™ ES**

Date of Critical or Security Patches: March 2021

Abstract: Critical or Security Patches – March 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft® that have been identified as critical or security related for March 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
2021-02 Servicing Stack Update for Windows 10 Version for x64-based Systems	This security update includes quality improvements. Key changes include: Enables administrators to disable standalone Internet Explorer using a Group Policy while continuing to use Microsoft Edge's IE Mode. Updates Internet Explorer's About dialog to use the standard modern dialog. Addresses an issue with a Service Host (svchost.exe) process that causes excessive CPU usage in some Input Method Editor (IME) language environments, such as Traditional Chinese. This issue occurs when you try to add an input method in Control Panel.	KB4601318	1

2021-02 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update fixes the following issue: KB4583468 - Microsoft SQL Server elevation of privilege vulnerability	KB4583460	1
Security update for SQL server 2016 Service Pack 2 GDR	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.	KB5001078	1

BD Product Name: **BD Pyxis™ Supply**

Date of Critical or Security Patches: March 2021

Abstract: Critical or Security Patches – March 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft® that have been identified as critical or security related for March 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
2021-03 Cumulative Security Update for Internet Explorer 9 for Windows Server 2008 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 March 2021 Security Monthly Quality Rollup. Installing either this update or the Security Monthly Quality Rollup installs the same fixes.	KB5000800	1
2021-03 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 KB4601360 (released February 9, 2021) and addresses the following issues: Addresses an elevation of privilege security vulnerability documented in CVE-2021-1640 related to print jobs submitted to "FILE:" ports. After installing Windows updates from March 9, 2021 and later, print jobs that are in a pending state before restarting the print spooler service or restarting the OS will remain in an	KB5000844	1

	error state. Manually delete the affected print jobs and resubmit them to the print queue when the print spooler service is online. Addresses an issue in which a non-native device that is in the same realm does not receive a Kerberos Service ticket from Active Directory DCs. This issue occurs even though Windows Updates are installed that contain CVE-2020-17049 protections released between November 10 and December 8, 2020 and configured PerfromTicketSignature to 1 or larger. Ticket acquisition fails with KRB_GENERIC_ERROR if callers submit a PAC-less Ticket Granting Ticket (TGT) as an evidence ticket without the USER_NO_AUTH_DATA_REQUIRED flag being set for the user in User Account Controls. Security updates to Windows Fundamentals, Windows Shell, and Windows Hybrid Cloud Networking.		
2021-03 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 non-native device that is in the same realm does not receive a Kerberos Service ticket from Active Directory DCs. This issue occurs even though Windows Updates are installed that contain CVE-2020-17049 protections released between November 10 and December 8, 2020 and configured PerfromTicketSignature to 1 or larger. Ticket acquisition fails with KRB_GENERIC_ERROR if callers submit a PAC-less Ticket Granting Ticket (TGT) as an evidence ticket without the	KB5000856	1

	USER_NO_AUTH_DATA_REQUIRED flag being set for the user in User Account Controls. Security updates to Windows Fundamentals, Windows Shell, and Windows Hybrid Cloud Networking.		
2021-03 Security and Quality Rollup for .NET Framework 2.0, 3.0, 4.5.2, 4.6 for Windows Server 2008 SP2	This security update addresses a denial of service vulnerability in .NET Framework	KB4603005	1
2021-03 Security and Quality Rollup for .NET Framework 2.0, 3.0, 4.5.2, 4.6 for Windows Server 2008 SP2	An information disclosure vulnerability exists when the .NET Framework improperly handles objects in memory. An attacker who successfully exploited the vulnerability could disclose contents of an affected system's memory. To exploit the vulnerability, an authenticated attacker would need to run a specially crafted application. The update addresses the vulnerability by correcting how the .NET Framework handles objects in memory.	KB4579980	1

Note:

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