BD Product Security - Patch Whitelist / Blacklist
BD Biosciences Product Name: BD FACSMelody™ Cell Sorter

April 2020

Critical and/or Security Patches: IE Scripting Engine patch was released with Februry 2020 security updates, SMBv3 Remote Code Execution patch was released with March 2020 security updates and the Adobe Type Manager Remote Code Execution parch was released with the April 2020 security updates. The April 2020 security rollup/cumulative update was released in April 2020.

Microsoft® and Third-Party Patches
BD has identified patches from Microsoft that have been indicated as critical or security related for the IE Scripting Engine, Server Message Block and Adobe Type Manager vulnerabilities. Microsoft has also released a security update for the month of April. The BD products listed above have been tested with security patches from the March and April rollup/cumulative releases installed. The patches in these updates were not found to adversely affect operation of the listed BD products.

Note: Customers with the Windows 10 Professional operating system versions 1703, 1809 and 1903 will also receive a feature update to version 1909. This update may modify the Windows Firewall settings and disable FTP access through the firewall on the Private network to the instrument. To restore access, log in to the system with an administrator account and open the Windows Firewall from the Control Panel. Select the option to Allow an app or feature through Windows Firewall and locate the FTP Server in the list of allowed apps. If the box is not checked for the Private configuration, change the setting to enable, save the change and reboot the workstation. If you have questions or need additional support, please contact BD Technical Support.

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). For products that are supported remotely by BD Service, patches will be applied according to customers' service agreements.

Patch Name	Patch Description	Patch ID	Notes
Feb 11, 2020 – KB4532691 (CVE-2020-0674)	This security update includes quality improvements. Key changes include: Security updates to Microsoft Edge, Internet Explorer, Microsoft Graphics Component, Windows Input and Composition, Windows Media, Windows Shell, the Microsoft Scripting Engine, Windows Fundamentals, Windows Management, Windows Cryptography, Windows Virtualization, Windows Hyper-V, Windows Core Networking, Windows Peripherals, Windows Network Security and Containers, Windows Storage and Filesystems, and Windows Server.	KB4532691	1,2
Mar 12, 2020 – KB4551762 (CVE-2020-0796)	This security update resolves a Microsoft Server Message Block 3.1.1 protocol issue that provides shared access to files and printers.	KB4551762	1,3
Apr 14, 2020 – KB4550930 (CVE-2020-0938, CVE-2020-1020)	This security update includes quality improvements. Key changes include: Security updates to the Microsoft Scripting Engine, Windows Kernel, Windows App Platform and Frameworks, Microsoft Graphics Component, Windows Media, Windows Fundamentals, Windows Core Networking, Windows Update Stack, and the Microsoft JET Database Engine.	KB4550930	1,4
April 2020 Monthly Cumulative Updates	Security and quality updates for Microsoft Windows 10 Pro (SAC) v1909 and Enterprise (LTSC) v1809	KB4549951 (Professional) KB4549949 (Enterprise)	1,5

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Notes

1. Patches may require the system to reboot.
2. For further information from Microsoft regarding the IE Scripting Engine vulnerabilities, please refer to the following link – https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-0674

3. For further information from Microsoft regarding the SMBv3 Remote Code vulnerabilities, please refer to the following link – https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-0796

4. For further information from Microsoft regarding the ATM Remote Code vulnerabilities, please refer to the following links – https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-0938 https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-1020

5. For further information from Microsoft regarding CVEs covered by the April Security updates, please refer to the following link – https://portal.msrc.microsoft.com/en-us/security-guidance/releasenotedetail/2020-Apr

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Class 1 Laser Product.

23-23055-00

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