BD Product Name: **Identity provider management (IDM)**

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

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for April 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
2021-04 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5001382)	This security update includes improvements and fixes that were a part of update KB5000848 (released March 9, 2021) and addresses the following issues: • Addresses a time zone change for Volgograd, Russia from UTC+4 to UTC+3 Moscow Standard Time (MSK). • Addresses a time zone change for The Republic of South Sudan from UTC+3 to UTC+2 Juba. For more information about this change, see KB 4601275. • Addresses an issue with security vulnerabilities identified by a security researcher. Because of these security vulnerabilities, this and all future Windows updates will no longer contain the RemoteFX	KB5001382	N/A

	vGPU feature. For more information about the vulnerability and its removal, see CVE-2020-1036 and KB4570006. Secure vGPU alternatives are available using Discrete Device Assignment (DDA) in Windows Server LTSC releases (Windows Server 2016 and Windows Server 2019) and Windows Server SAC releases (Windows Server, version 1803 and later versions). • Addresses an issue that prevents you from specifying up to 255 columns when you use the Jet Text installable indexed sequential access method (IISAM) format. • Addresses an issue that causes Windows Back up using File History to stop working for a few users. This issue occurs after installing the February 9, 2021 update. The error message is, "Failed to start the backup of user links (error 8007005)". • Security updates to Windows Input and Composition, Windows Fundamentals, Windows Hybrid Cloud Networking, Windows Kernel, and Windows Media.		

Windows Malicious Software Removal Tool x64 - v5.85	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems	KB890830	N/A
2021-04 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5001393)	This security update includes quality improvements. Key changes include: • Addresses a time zone change for Volgograd, Russia from UTC+4 to UTC+3 Moscow Standard Time (MSK). • Addresses a time zone change for The Republic of South Sudan from UTC+3 to UTC+2 Juba. For more information about this change, see KB 4601275. • Security updates to Windows Input and Composition, Windows Fundamentals, Windows Hybrid Cloud Networking, Windows Kernel, and Windows Media.	KB5001393	N/A
2021-04 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5001403)	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	KB5001403	N/A

	and reliable servicing stack so that your devices can receive and install Microsoft updates. This update also addresses an issue that might prevent the CVE-2020-0689 update from installing. The error message in the CBS.log file is **TRUST_E_NOSIGNATURE**.		
2021-04 Update for Windows Server 2012 R2 for x64-based Systems (KB4601275)	The update that is described in this article makes a time zone change for The Republic of South Sudan.	KB4601275	N/A
2021-01 Update for Windows Server 2016 for x64-based Systems (KB4589210)	This update for some select products (CPUs) is available through Windows Update. It will be downloaded and installed automatically. For more information	KB4589210	N/A
2021-04 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5001347)	Updates the default values for the following Internet Explorer registry keys: svcKBFWLink = " " (string with one empty space) svcKBNumber = " " (string with one empty space) svcUpdateVersion = 11.0.1000. In addition, these values will no longer be updated automatically. Address an issue that causes a system to stop working occasionally when users sign out or disconnect from remote sessions. Addresses an issue with a heap leak that might cause	KB5001347	N/A

	explorer.exe to consume high amounts of memory.		
	Updates the Volgograd, Russia time zone from UTC+4 to UTC+3.		
	Adds a new time zone, UTC+2:00 Juba, for the Republic of South Sudan.		
	Addresses a race condition that causes PowerShell to stop working periodically and generates an Access Violation error. This issue occurs when you enable transcription on the system and run multiple PowerShell scripts simultaneously.		
	Addresses an issue that causes the sleep time defined in HKLM\Software\Microsoft\AppV\MAV\Configuration\MaxAttachWaitTimeInMilliseconds to be shorter than intended.		
	Addresses an issue in which a principal in a trusted MIT realm fails to obtain a Kerberos service ticket from Active Directory domain controllers (DC). This occurs on devices that installed Windows Updates that contain CVE-2020-17049 protections and configured PerfromTicketSignature to 1 or higher. These updates were released between November 10, 2020 and December 8, 2020. Ticket acquisition also fails with the error, "KRB_GENERIC_ERROR", if callers submit a PAC-less Ticket Granting Ticket (TGT)		

	as an evidence ticket without providing the USER_NO_AUTH_DATA_REQUIRED flag. Addresses an issue with high memory usage when performing XSLT transforms using MSXLM6. Addresses an issue in **spaceport.sys** that might cause stop error 0x7E. Addresses an issue with evaluating the compatibility status of the Windows ecosystem to help ensure application and device compatibility for all updates to Windows. Addresses an issue with security vulnerabilities identified by a security researcher. Because of these security vulnerabilities, this and all future Windows updates will no longer contain the RemoteFX vGPU feature. For more information about the vulnerability and its removal, see CVE-2020-1036 and KB4570006. Secure vGPU alternatives are available using Discrete Device Assignment (DDA) in Windows Server LTSC releases (Windows Server 2016 and Windows Server 2019) and Windows Server SAC releases (Windows Server, version 1803 and later versions). Addresses an issue that prevents you from specifying up to 255 columns when you use the Jet Text installable		

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2021-04 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5001402)	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. This update also addresses an issue that might prevent the CVE-2020-0689 update from installing. The error message in the CBS.log file is TRUST_E_NOSIGNATURE. To learn more about this security vulnerability.	KB5001402	