

Security Patches: Identity Management

November 2022

BD has identified patches from Microsoft® that have been identified as critical or security related for November 2022. These patches were not found to adversely affect BD products and will be applied according to customers' service agreements.

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).

Microsoft® patches

Patch name	Description	Patch ID	Notes
Cumulative Update for Windows Server 2016 for x64-based Systems (KB5019964)	<ul style="list-style-type: none">It stops the start of daylight saving time in Jordan at the end of October 2022. The Jordan time zone will permanently shift to the UTC + 3 time zone. <p>This security update includes quality improvements. When you install this KB:</p> <ul style="list-style-type: none">It addresses an issue that affects Distributed Component Object Model (DCOM) authentication hardening. We will automatically raise the authentication level for all non-anonymous activation requests from DCOM clients to RPC_C_AUTHN_LEVEL_PKT_INTEGRITY. This occurs if the authentication level is below Packet Integrity.It stops the start of daylight saving time in Jordan at the end of October 2022. The Jordan time zone will permanently shift to the UTC + 3 time zone.It address an issue that affects the Microsoft Azure Active Directory (AAD) Application Proxy connector. It cannot retrieve a Kerberos ticket on behalf of the user. The error message is, "The handle specified is invalid (0x80090301)."	KB5019964	N/A

Windows Malicious Software Removal Tool x64 - v5.107	<p>The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems:</p> <ul style="list-style-type: none"> • 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 	KB890830	N/A
2022-11 Security Only Update for .NET Framework 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5020680)	<ul style="list-style-type: none"> • This security update addresses a vulnerability which exists in System.Data.SqlClient and Microsoft.Data.SqlClient libraries where a timeout occurring under high load can cause incorrect data to be returned as the result of an asynchronously executed query or command. 	KB5020680	N/A
2022-11 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5020690)	<ul style="list-style-type: none"> • This security update addresses a vulnerability which exists in System.Data.SqlClient and Microsoft.Data.SqlClient libraries where a timeout occurring under high load can cause incorrect data to be returned as the result of an asynchronously executed query or command. 	KB5020690	N/A

2022-11 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5020010)

This security-only update includes key changes for the following:

KB5020010

N/A

- Updates the daylight-saving time (DST) for Jordan to prevent moving the clock back 1 hour on October 28, 2022. Additionally, changes the display name of Jordan standard time from “(UTC+02:00) Amman” to “(UTC+03:00) Amman”.
- Addresses an issue where, after installing the January 11, 2022 or later update, the Forest Trust creation process fails to populate the DNS name suffixes into the trust information attributes.
- Addresses security vulnerabilities in the Kerberos and Netlogon protocols as outlined in CVE-2022-38023, CVE-2022-37966, and CVE-2022-37967.

2022-11 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5020023)

This cumulative security update includes improvements that are part of update KB5018474 (released October 11, 2022) and includes key changes for the following:

KB5020023

N/A

- Addresses a Distributed Component Object Model (DCOM) authentication hardening issue to automatically raise authentication level for all non-anonymous activation requests from DCOM clients. This will occur if the authentication level is less than `RPC_C_AUTHN_LEVEL_PKT_INTEGRITY`.
- Updates the daylight-saving time (DST) for Jordan to prevent moving the clock back 1 hour on October 28, 2022. Additionally, changes the display name of Jordan standard time from “(UTC+02:00) Amman” to “(UTC+03:00) Amman”.
- Addresses an issue where Microsoft Azure Active Directory (AAD) Application Proxy Connector cannot retrieve a Kerberos ticket on behalf of the user because of the following general API error: “The handle specified is invalid (0x80090301).”
- Addresses an issue where, after installing the January 11, 2022 or later update, the Forest Trust creation process fails to populate the DNS name suffixes into the trust information attributes.
- Addresses an issue where the Microsoft Visual C++ Redistributable Runtime does not load into the Local Security Authority Server Service (LSASS) when Protected Process Light (PPL) is enabled.

<p>2022-11 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5019958)</p>	<p>This security update resolves vulnerabilities in Internet Explorer.</p> <p>Additionally, see the following articles for more information about cumulative updates:</p> <ul style="list-style-type: none">▪ Windows Server 2008 SP2 update history▪ Windows 7 SP1 and Windows Server 2008 R2 SP1 update history▪ Windows Server 2012 update history▪ Windows 8.1 and Windows Server 2012 R2 update history	<p>KB5019958</p>	<p>N/A</p>
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