

Security Patches:

BD Pyxis™ Anesthesia System 3500

March 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for March 2023. 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
2023-03 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This update makes improvements for the following issues: <ul style="list-style-type: none">The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023.	KB5023759	Applicable on 3500/4000 Anesthesia System and MS3500/4000 Station
2023-03 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	This cumulative security update contains improvements that are part of update KB5022872 (released February 14, 2023). This update also makes improvements for the following issues: <ul style="list-style-type: none">The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023.	KB5023769	Applicable on 3500/4000 Anesthesia System and MS3500/4000 Station

Security Patches:

BD Pyxis™ Anesthesia System 4000

March 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for March 2023. 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
2023-03 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This update makes improvements for the following issues: <ul style="list-style-type: none">The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023.	KB5023759	Applicable on 3500/4000 Anesthesia System and MS3500/4000 Station
2023-03 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	This cumulative security update contains improvements that are part of update KB5022872 (released February 14, 2023). This update also makes improvements for the following issues: <ul style="list-style-type: none">The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023.	KB5023769	Applicable on 3500/4000 Anesthesia System and MS3500/4000 Station
Windows Malicious Software Removal Tool x64 - v5.111	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers	KB890830	Applicable on 3500/4000 Anesthesia System and MS3500/4000 Station





2023-03 Servicing Stack Update for Windows 10 Version 1607 for x64-based Systems

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.

[KB5023788](#)

Applicable on 4000 Anesthesia System and 4000 Station

2023-03 Cumulative Update for Windows 10 Version 1607 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.

[KB5023697](#)

Applicable on 4000 Anesthesia System and 4000 Station

Windows Malicious Software Removal Tool - v5.111

The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.

[KB890830](#)

Applicable on MS3500 and MS4000 Console

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Security Patches: BD Pyxis CIISafe

March 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for March 2023. 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
Windows Malicious Software Removal Tool - v5.111	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.	KB890830	Applicable to CIISafe device.
2023-03 Servicing Stack Update for Windows Server 2016 for x64-based Systems	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.	KB5023788	Applicable to CIISafe device.

2023-03 Cumulative Update
for Windows 10 Version
1607 for x86-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.

[KB5023697](#)

Applicable to
CIISafe device.

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Security Patches:

BD Pyxis™ MedStation™ 3500

March 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for March 2023. 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
Windows Malicious Software Removal Tool - v5.111	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	Applicable on MS3500 and MS4000 Console
2023-03 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This update makes improvements for the following issues: <ul style="list-style-type: none">▪ The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.▪ By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023.	KB5023759	Applicable on 3500/4000 Anesthesia System and MS3500/4000 Station
2023-03 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	This cumulative security update contains improvements that are part of update KB5022872 (released February 14, 2023). This update also makes improvements for the following issues: <ul style="list-style-type: none">▪ The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.▪ By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023.	KB5023769	Applicable on 3500/4000 Anesthesia System and MS3500/4000 Station

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Security Patches:

BD Pyxis™ MedStation™ 4000

March 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for March 2023. 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
Windows Malicious Software Removal Tool x64 - v5.111	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	Applicable on MS4000 Console and 4000 Anesthesia and Station
2023-03 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This update makes improvements for the following issues: <ul style="list-style-type: none">The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023.	KB5023759	Applicable on 3500/4000 Anesthesia System and MS3500/4000 Station
2023-03 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	This cumulative security update contains improvements that are part of update KB5022872 (released February 14, 2023). This update also makes improvements for the following issues: <ul style="list-style-type: none">The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023.	KB5023769	Applicable on 3500/4000 Anesthesia System and MS3500/4000 Station



Windows Malicious Software Removal Tool - v5.111

The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.

[KB890830](#)

Applicable on MS3500 and MS4000 Console

2023-03 Servicing Stack Update for Windows Server 2016 for x64-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.

[KB5023788](#)

Applicable on MS4000 Console and 4000 Anesthesia and Station

2023-03 Cumulative Update for Windows Server 2016 for x64-based Systems

This security update includes quality improvements. When you install this KB:

[KB5023697](#)

Applicable on MS4000 Console and 4000 Anesthesia and Station

- This update implements phase three of Distributed Component Object Model (DCOM) hardening. See KB5004442. After you install this update, you cannot turn off the changes using the registry key.
- This update affects the United Mexican States. This update supports the government's daylight saving time change order for 2023.
- This update addresses an issue that affects the Local Security Authority Subsystem Service (LSASS). LSASS might stop responding. This occurs after you run Sysprep on a domain joined machine.

2023-03 Security Only Quality Update for Windows Server 2008 for x86-based Systems

This update makes improvements for the following issues:

[KB5023754](#)

Applicable on MS 4000 Console

- The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.
- By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023.

2023-03 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems

This cumulative security update contains improvements that are part of update KB5022890 (released February 14, 2023). This update also makes improvements for the following issues:

[KB5023755](#)

Applicable on MS 4000 Console

- The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.
- By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023



2023-03 Servicing
Stack Update for
Windows 10
Version 1607 for
x64-based Systems

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.

[KB5023788](#)

Applicable on 4000
Anesthesia System
and 4000 Station

2023-03 Cumulative
Update for
Windows 10 Version
1607 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.

[KB5023697](#)

Applicable on 4000
Anesthesia System
and 4000 Station

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Security Patches: Security Module

March 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for March 2023. 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
Windows Malicious Software Removal Tool x64 - v5.111 (KB890830)	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.	KB890830	Applicable on Security Module devices.
2023-03 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5023790)	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that the user have a robust and reliable servicing stack so that their devices can receive and install Microsoft updates.	KB5023790	Applicable on Security Module devices.
2023-03 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5023765)	<p>This update makes improvements for the following issues:</p> <ul style="list-style-type: none">• After applying a Windows update released on or after July 12, 2022, hyperlinks embedded in an Office document that use the search-ms protocol might stop working.• The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.• This phase removes the ability to disable changes through the registry.• Known issue resolved: When an existing computer account is reused to join a computer to an Active Directory domain, the join is unsuccessful.	KB5023765	Applicable on Security Module devices.



2023-03 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5023764)

This update makes improvements for the following issues:

- July 12, 2022, hyperlinks embedded in an Office document that use the search-ms protocol might stop working.
- The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.
- This update implements the final phase of DCOM hardening. This phase removes the ability to disable changes through the registry.
- Known issue resolved: When an existing computer account is reused to join a computer to an Active Directory domain, the join is unsuccessful.

[KB5023764](#)

Applicable on Security Module devices.

2023-03 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5023697)

This security update includes following quality improvements:

- This update implements phase three of Distributed Component Object Model (DCOM) hardening. After installing this update, one cannot turn off the changes using the registry key.
- This update affects the United Mexican States. This update supports the government's daylight-saving time change order for 2023.
- This update addresses an issue that affects the Local Security Authority Subsystem Service (LSASS). LSASS might stop responding. This occurs after the Sysprep is run on a domain-joined machine.
- This update addresses an issue that affects a computer account and Active Directory. While reusing an existing computer account to join an Active Directory domain, joining fails.

[KB5023697](#)

Applicable on Security Module devices.

2023-03 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5023788)

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 the devices can receive and install Microsoft updates.

[KB5023788](#)

Applicable on Security Module devices.

Security Update for Windows Server 2008 R2 x64 Edition (KB3156016)

This security update resolves vulnerabilities in Microsoft Windows. The most severe of the vulnerabilities could allow remote code execution if a user opens a specially crafted document or visits a specially crafted website. Users whose accounts are configured to have fewer user rights on the system could be less impacted than users who operate with administrative user rights.

[KB3156016](#)

Applicable on Security Module devices.

Security Update for Windows Server 2008 R2 x64 Edition (KB3110329)

This security update resolves vulnerabilities in Microsoft Windows. The most severe of the vulnerabilities could allow remote code execution if an attacker is able to log on to a target system and run a specially crafted application.

[KB3110329](#)

Applicable on Security Module devices.

Security Update for
Windows Server 2008
R2 x64 Edition
(KB3035126)

This security update resolves a privately reported vulnerability in Microsoft Windows. The vulnerability could allow information disclosure if a user browses to a website that contains a specially crafted JPEG XR (.JXR) image. This vulnerability would not allow an attacker to execute code or to elevate his or her user rights directly. But this vulnerability could be used to obtain information that could be used to try to further compromise the affected system.

[KB3035126](#)

Applicable on
Security
Module
devices.

Security Update for
Windows Server 2008
R2 x64 Edition
(KB2912390)

This security update resolves a privately reported vulnerability in Microsoft Windows. The vulnerability could allow remote code execution if a user views a specially crafted webpage using Internet Explorer. An attacker would have no way to force users to view specially crafted content. Instead, an attacker would have to convince users to take action, typically by getting them to click a link in an email message or in an Instant Messenger message that takes users to an attacker's website, or by getting them to open an attachment sent through email.

[KB2912390](#)

Applicable on
Security
Module
devices.

Platform update for
Windows Server 2008
R2 x64-Edition
(KB2670838)

This update improves the range and performance of the following graphics and imaging components:

- Direct2D
- DirectWrite
- Direct3D
- Windows Imaging Component (WIC)
- Windows Advanced Rasterization Platform (WARP)
- Windows Animation Manager (WAM)
- XPS Document API
- H.264 Video Decoder
- JPEG XR codec

[KB2670838](#)

Applicable on
Security
Module
devices.

Security Patches: BD Pyxis™ IV Prep

March 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for March 2023. These patches were not found to adversely affect BD products and will be applied according to customers' service agreements.

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Microsoft® patches

Patch name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64 - v5.111	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.	KB890830	Applicable on Cato
2023-03 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems	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.	KB5023790	Applicable on Cato





2023-03 Security Monthly Quality Rollup 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.	KB5023765	Applicable on Cato
2023-03 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	KB5023764	Applicable on Cato
Security Update for SQL Server 2012 Service Pack 4 CU	Security issues have been identified in the SQL Server 2012 Service Pack 4 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	KB5021123	Applicable on Cato
2023-03 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	KB5023697	Applicable on Cato
2023-03 Servicing Stack Update for Windows Server 2016 for x64-based Systems	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.	KB5023788	Applicable on Cato

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Security Patches: BD Pyxis Connect

March 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for March 2023. 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
2023-03 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5023790)	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.	KB5023790	N/A
2023-03 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5023765)	This cumulative security update includes following improvements for the following issues: <ul style="list-style-type: none">• After applying a Windows update released on or after July 12, 2022, hyperlinks embedded in an Office document that use the search-ms protocol might stop working.• The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.• By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023. Key changes in the order include the following:<ul style="list-style-type: none">• Updated DST rules for Mountain Standard Time (Mexico) and Central Standard Time (Mexico) to no daylight-saving time starting in 2023.• Changed Chihuahua time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico).• Changed Ojinaga time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico)	KB5023765	N/A



	<ul style="list-style-type: none"> Created a new time zone America/Ciudad_Juarez and mapped it to Mountain Standard Time (Mexico). 		
Windows Malicious Software Removal Tool x64 - v5.111 (KB890830)	Windows Malicious Software Removal Tool (MSRT) helps keep Windows computers free from prevalent malware. MSRT finds and removes threats and reverses the changes made by these threats. MSRT is generally released monthly as part of Windows Update or as a standalone tool.	KB890830	N/A
2023-03 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5023764)	<p>This update makes improvements for the following issues:</p> <ul style="list-style-type: none"> After applying a Windows update released on or after July 12, 2022, hyperlinks embedded in an Office document that use the search-ms protocol might stop working. The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device. By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023. Key changes in the order include the following: <ul style="list-style-type: none"> Updated DST rules for Mountain Standard Time (Mexico) and Central Standard Time (Mexico) to no daylight-saving time starting in 2023. Changed Chihuahua time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico). Changed Ojinaga time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico). Created a new time zone America/Ciudad_Juarez and mapped it to Mountain Standard Time (Mexico). 	KB5023764	N/A



2023-03 Cumulative Update Preview for Windows 10 Version 22H2 for x64-based Systems (KB5023773)	This update addresses an issue that affects USB printers. The system classifies them as multimedia devices even though they are not.	KB5023773	N/A
2023-03 Cumulative Update for Windows 10 Version 22H2 for x64-based Systems (KB5023696)	This mandatory update addresses security issues for your Windows operating system.	KB5023696	N/A
2023-03 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5023788)	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.	KB5023788	N/A
2023-03 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5023697)	This update includes the following: <ul style="list-style-type: none">• This update addresses security issues for your Windows operating system.• This update addresses an issue that stops hyperlinks from working in Microsoft Excel.	KB5023697	N/A

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Security Patches: BD Pharmogistics

March 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for March 2023. These patches were not found to adversely affect BD Pharmogistics 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
Windows Malicious Software Removal Tool x64	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.	KB890830	Applicable on PLX, CII Safe and Infusion.

<p>2023-03 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5023790)</p> <p>Last Modified: 3/14/2023</p>	<p>Summary</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>KB5023790</p>	<p>N/A</p>
<p>2023-03 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5023765)</p> <p>Last Modified: 3/14/2023</p>	<p>Improvements</p> <p>This cumulative security update includes improvements that are part of update KB5022899 (released February 14, 2023). This update also makes improvements for the following issues:</p> <p>After applying a Windows update released on or after July 12, 2022, hyperlinks embedded in an Office document that use the search-ms protocol might stop working.</p> <p>The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.</p>	<p>KB5023765</p>	<p>N/A</p>
<p>2023-03 Cumulative Update for Windows 10 Version 21H2 for x64-based Systems (KB5023696)</p> <p>Last Modified: 3/14/2023</p>	<p>Windows 10 servicing stack update - 19042.2664, 19044.2664, and 19045.2664</p> <p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) ensure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	<p>KB5023696</p>	<p>N/A</p>



2023-03 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5023697)
Last Modified: 3/14/2023

Improvements

This security update includes quality improvements. When you install this KB:

This update implements phase three of Distributed Component Object Model (DCOM) hardening. See KB5004442. After you install this update, you cannot turn off the changes using the registry key.

This update affects the United Mexican States. This update supports the government's daylight saving time change order for 2023.

This update addresses an issue that affects the Local Security Authority Subsystem Service (LSASS). LSASS might stop responding. This occurs after you run Sysprep on a domain-joined machine.

This update addresses an issue that affects a computer account and Active Directory.

[KB5023697](#) N/A

2023-03 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5023788)
Last Modified: 3/14/2023

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.

[KB5023788](#) N/A



Security Patches: PARx

Mar 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for Mar 2023. 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
Windows Malicious Software Removal Tool x64 - v5.111	Windows Malicious Software Removal Tool (MSRT) 5.83 helps remove malicious software from computers running Windows 10, Windows 8.1, Windows Server 2012 R2, Windows 8, Windows Server 2012, Windows 7, or Windows Server 2008.	KB890830	Applicable on ParX
2023-03 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	Cumulative Update for Windows 10 Version 1607 for x64-based system update addresses security issues for your Windows operating system. This update addresses an issue that stops hyperlinks from working in Microsoft Excel.	KB5023697	Applicable on ParX

2023-03 Servicing Stack
Update for Windows 10
Version 1607 for x64-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.

[KB5023788](#)

Applicable on ParX

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Security Patches: TIM

March 2023

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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
Windows Malicious Software Removal Tool x64 - v5.111	<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 10Windows Server 2019Windows Server 2016Windows 8.1Windows Server 2012 R2Windows Server 2012Windows Server 2008 R2Windows 7Windows Server 2008 <p>Microsoft releases the MSRT on a monthly cadence as part of Windows Update or as a standalone tool. Use this tool to find and remove specific prevalent threats and reverse the changes they have made (see covered malware families). For comprehensive malware detection and removal, consider using Windows Defender Offline or Microsoft Safety Scanner.</p>	KB890830	Applicable on TIM.

This article contains information about how the tool differs from an antivirus or antimalware product, how you can download and run the tool, what happens when the tool finds malware, and tool release information. It also includes information for the administrators and advanced users, including information about supported command-line switches.

2023-03 Cumulative Update for Windows Server 2016 for x64-based Systems

This security update includes quality improvements. When you install this KB:

[KB5023697](#)

Applicable on TIM.

This update implements phase three of Distributed Component Object Model (DCOM) hardening. See KB5004442. After you install this update, you cannot turn off the changes using the registry key.

This update affects the United Mexican States. This update supports the government's daylight saving time change order for 2023.

This update addresses an issue that affects the Local Security Authority Subsystem Service (LSASS). LSASS might stop responding. This occurs after you run Sysprep on a domain-joined machine.

This update addresses an issue that affects a computer account and Active Directory. When you reuse an existing computer account to join an Active Directory domain, joining fails. This occurs on devices that have installed Windows updates dated October 11, 2022 or later. The error message is, "Error 0xaac (2732): NERR_AccountReuseBlockedByPolicy: 'An account with the same name exists in Active Directory. Re-using the account was blocked by security policy.'" For more information, see KB5020276.

2023-03 Servicing Stack Update for Windows Server 2016 for x64-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.

[KB5023788](#)

Applicable on TIM.

VMware, Inc. - Net - 1.9.12.0	Windows Server 2016 and Later Servicing Drivers	1.9.12.0	Applicable on TIM.
2023-03 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	<p>This update makes improvements for the following issues:</p> <p>After applying a Windows update released on or after July 12, 2022, hyperlinks embedded in an Office document that use the search-ms protocol might stop working.</p> <p>The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.</p> <p>By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023. Key changes in the order include the following:</p> <p>Updated DST rules for Mountain Standard Time (Mexico) and Central Standard Time (Mexico) to no daylight saving time starting in 2023.</p> <p>Changed Chihuahua time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico).</p> <p>Changed Ojinaga time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico)</p> <p>Created a new time zone America/Ciudad_Juarez and mapped it to Mountain Standard Time (Mexico).</p> <p>This update implements the final phase of DCOM hardening as described in KB5004442. This phase removes the ability to disable changes through the registry.</p> <p>Known issue resolved: When an existing computer account is reused to join a computer to an Active Directory domain, the join is unsuccessful. Additionally, the following error occurs on devices that have installed Windows updates released on or after October 11, 2022</p>	KB5023764	Applicable on TIM.
2023-03 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems	This cumulative security update includes improvements that are part of update KB5022899 (released February 14, 2023). This update also makes improvements for the following issues:	KB5023765	Applicable on TIM.

After applying a Windows update released on or after July 12, 2022, hyperlinks embedded in an Office document that use the search-ms protocol might stop working.

The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.

By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023. Key changes in the order include the following:

Updated DST rules for Mountain Standard Time (Mexico) and Central Standard Time (Mexico) to no daylight saving time starting in 2023.

Changed Chihuahua time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico).

Changed Ojinaga time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico)

Created a new time zone America/Ciudad_Juarez and mapped it to Mountain Standard Time (Mexico).

This update implements the final phase of DCOM hardening as described in KB5004442. This phase removes the ability to disable changes through the registry.

Known issue resolved: When an existing computer account is reused to join a computer to an Active Directory domain, the join is unsuccessful. Additionally, the following error occurs on devices that have installed Windows updates released on or after October 11, 2022

2023-03 Servicing Stack
Update for Windows Server
2012 R2 for x64-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.

[KB5023790](#)

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Security Patches: BD Pyxis™ Anesthesia ES

March 2023

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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
2023-03 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-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.	KB5023769	Applicable on PAS device.
2023-03 Security Only Quality Update for Windows Embedded Standard 7 for x86-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.	KB5023759	Applicable on S device.

<p>Windows Malicious Software Removal Tool x64 - v5.111</p>	<p>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.</p>	<p>KB890830</p>	<p>Applicable on PAS device.</p>
<p>2023-03 Servicing Stack Update for Windows 10 Version 1607 for x86-based Systems</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>KB5023788</p>	<p>Applicable on PAS device.</p>
<p>2023-03 Cumulative Update for Windows 10 Version 1809 for x86-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>KB5023702</p>	<p>Applicable on Medstn ES device.</p>

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Security Patches: BD Pyxis™ Anesthesia ES

March 2023

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Microsoft® patches

Patch name	Description	Patch ID	Notes
2023-03 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.	KB5023702	Applicable on PAS 1.7.1,1.7.2,1.7.3 device.
2023-03 Cumulative Update Preview for Windows 10 Version 21H2 for x64-based Systems	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.	KB5023696	Applicable on PAS 1.7.1,1.7.2,1.7.3 device.

Windows Malicious Software
Removal Tool x64 - v5.111

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.

[KB890830](#)

Applicable on PAS
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Security Patches: BD Pyxis™ CIISafe ES

March 2023

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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
2023-03 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.	KB5023702	Applicable on CIISafe device.
2023-03 Cumulative Update Preview for Windows 10 Version 21H2 for x64-based Systems	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.	KB5023696	Applicable on CIISafe device.

Windows Malicious Software
Removal Tool x64 - v5.111

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.

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CIISafe device.

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Security Patches: BD Pyxis™ Medstation ES

March 2023

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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
2023-03 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-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.	KB5023769	Applicable on Medstn ES device.
2023-03 Security Only Quality Update for Windows Embedded Standard 7 for x86-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.	KB5023759	Applicable on Medstn ES device.

Windows Malicious Software Removal Tool x64 - v5.111

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.

[KB890830](#)

Applicable on Medstn ES device.

2023-03 Servicing Stack Update for Windows 10 Version 1607 for x86-based Systems

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.

[KB5023788](#)

Applicable on Medstn ES device.

2023-03 Cumulative Update for Windows 10 Version 1607 for x86-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.

[KB5023697](#)

Applicable on Medstn ES device.

2023-03 Cumulative Update for Windows 10 Version 1809 for x86-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.	KB5023702	Applicable on Medstn ES device.
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Security Patches: BD Pyxis™ Medstation ES

March 2023

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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
2023-03 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.	KB5023702	Applicable on MedSTN 1.7.1,1..7.2,1.7.3 device.
2023-03 Cumulative Update Preview for Windows 10 Version 21H2 for x64-based Systems	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.	KB5023696	Applicable on MedSTN 1.7.1,1..7.2,1.7.3 device.

Windows Malicious Software
Removal Tool x64 - v5.111

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.

[KB890830](#)

Applicable on
MedSTN
1.7.1,1..7.2,1.7.3
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Security Patches: BD Pyxis™ ES Server

March 2023

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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
2023-03 Cumulative Update for Windows Server 2019 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.	KB5023702	Applicable on ES 1.7.1,1.7.2,1.7.3 Server.
Windows Malicious Software Removal Tool x64 - v5.111	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.	KB890830	Applicable on ES 1.7.1,1.7.2,1.7.3 Server.

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Security Patches: BD Pyxis™ ES Server

March 2023

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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
2023-03 Cumulative Update for Windows Server 2019 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.	KB5023702	Applicable on ES 1.7.1,1.7.2,1.7.3 Server.
Windows Malicious Software Removal Tool x64 - v5.111	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.	KB890830	Applicable on ES 1.7.1,1.7.2,1.7.3 Server.

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Security Patches: BD Pyxis™ MedES Server

March 2023

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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
2023-03 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems	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.	KB5023790	Applicable on MedES Server.
2023-03 Security Monthly Quality Rollup 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.	KB5023765	Applicable on MedES Server.

<p>2023-03 Security Only Quality Update 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>KB5023764</p>	<p>Applicable on MedES Server.</p>
<p>Security Update for SQL Server 2012 Service Pack 4 CU</p>	<p>Security issues have been identified in the SQL Server 2012 Service Pack 4 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.</p>	<p>KB5021123</p>	<p>Applicable on MedES Server.</p>
<p>Security Update for SQL Server 2012 Service Pack 4 CU</p>	<p>Security issues have been identified in the SQL Server 2012 Service Pack 4 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.</p>	<p>KB4583465</p>	<p>Applicable on MedES Server.</p>

<p>SQL Server 2012 Service Pack 4</p>	<p>Service Pack 4 for SQL Server 2012 upgraded all SQL Server 2012 instances and components installed through the SQL Server setup. Service Pack 4 can upgrade all editions of SQL Server 2012 to Service Pack 4 level. For customers in need of additional installation options, please visit the Microsoft Download Center and download the Service Pack 4 SQL Server 2012. To learn more about SQL Server 2012 SP4 please visit the Microsoft Support (http://support.microsoft.com) Knowledge Base article KB 4018073.</p>	<p>KB4018073</p>	<p>Applicable on MedES Server.</p>
<p>Windows Malicious Software Removal Tool x64 - v5.111</p>	<p>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</p>	<p>KB890830</p>	<p>Applicable on MedES Server.</p>
<p>2023-03 Security Only Quality Update for Windows Server 2008 for x86-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>KB5023754</p>	<p>Applicable on MedES Server.</p>

<p>2023-03 Cumulative Update for Windows Server 2016 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>KB5023697</p>	<p>Applicable on MedES Server.</p>
<p>2023-03 Servicing Stack Update for Windows Server 2016 for x64-based Systems</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>KB5023788</p>	<p>Applicable on MedES Server.</p>

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Security Patches: BD Pyxis™ Supply

March 2023

BD has identified patches from Microsoft® that have been identified as critical or security related for March 2023. 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
2023-03 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5023765)	<p>This cumulative security update includes improvements that are part of update KB5022899 (released February 14, 2023). This update also makes improvements for the following issues:</p> <ul style="list-style-type: none">• After applying a Windows update released on or after July 12, 2022, hyperlinks embedded in an Office document that use the search-ms protocol might stop working.• The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.• By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023. Key changes in the order include the following:• Updated DST rules for Mountain Standard Time (Mexico) and Central Standard Time (Mexico) to no daylight saving time starting in 2023.• Changed Chihuahua time zone from (UTC - 7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico).• Changed Ojinaga time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC - 6:00) Central Standard Time (Mexico)• Created a new time zone America/Ciudad_Juarez and mapped it to Mountain Standard Time (Mexico).• This update implements the final phase of DCOM hardening as described in KB5004442.	KB5023765	Applicable on Supply.

This phase removes the ability to disable changes through the registry.

- Known issue resolved: When an existing computer account is reused to join a computer to an Active Directory domain, the join is unsuccessful. Additionally, the following error occurs on devices that have installed Windows updates released on or after October 11, 2022:

Error 0xaac (2732):

NERR_AccountReuseBlockedByPolicy: "An account with the same name exists in Active Directory. Re-using the account was blocked by security policy."

2023-03 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5023764)

This update makes improvements for the following issues:

- After applying a Windows update released on or after July 12, 2022, hyperlinks embedded in an Office document that use the search-ms protocol might stop working.
- The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.
- By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023. Key changes in the order include the following:
- Updated DST rules for Mountain Standard Time (Mexico) and Central Standard Time (Mexico) to no daylight saving time starting in 2023.
- Changed Chihuahua time zone from (UTC - 7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico).
- Changed Ojinaga time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC - 6:00) Central Standard Time (Mexico)
- Created a new time zone America/Ciudad_Juarez and mapped it to Mountain Standard Time (Mexico).
- This update implements the final phase of DCOM hardening as described in KB5004442. This phase removes the ability to disable changes through the registry.
- Known issue resolved: When an existing computer account is reused to join a computer to an Active Directory domain, the join is unsuccessful. Additionally, the following error occurs on devices that have installed Windows updates released on or after October 11, 2022: Error 0xaac (2732):
NERR_AccountReuseBlockedByPolicy: "An account with the same name exists in Active Directory. Re-using the account was blocked by security policy."

[KB5023764](#)

Applicable on Supply.

<p>2023-03 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5023790)</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>KB5023790</p>	<p>Applicable on Supply.</p>
<p>2023-03 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems (KB5023759)</p>	<p>This update makes improvements for the following issues:</p> <ul style="list-style-type: none"> • The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device. • By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023. Key changes in the order include the following: <ul style="list-style-type: none"> ○ Updated DST rules for Mountain Standard Time (Mexico) and Central Standard Time (Mexico) to no daylight saving time starting in 2023. ○ Changed Chihuahua time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico). ○ Changed Ojinaga time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico) ○ Created a new time zone America/Ciudad_Juarez and mapped it to Mountain Standard Time (Mexico). • This update implements the final phase of DCOM hardening as described in KB5004442. This phase removes the ability to disable changes through the registry. 	<p>KB5023759</p>	<p>Applicable on Supply.</p>
<p>2023-03 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems (KB5023769)</p>	<p>This cumulative security update contains improvements that are part of update KB5022872 (released February 14, 2023). This update also makes improvements for the following issues:</p> <ul style="list-style-type: none"> • The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device. • By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023. Key changes in the order include the following: <ul style="list-style-type: none"> ○ Updated DST rules for Mountain Standard Time (Mexico) and Central 	<p>KB5023769</p>	<p>Applicable on Supply.</p>

- Standard Time (Mexico) to no daylight saving time starting in 2023.
 - Changed Chihuahua time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico).
 - Changed Ojinaga time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico)
 - Created a new time zone America/Ciudad_Juarez and mapped it to Mountain Standard Time (Mexico).
- This update implements the final phase of DCOM hardening as described in KB5004442. This phase removes the ability to disable changes through the registry.

2023-03 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB5023788)

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.

[KB5023788](#)

Applicable on Supply.

2023-03 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5023697)

This security update includes quality improvements. When you install this KB:

- This update implements phase three of Distributed Component Object Model (DCOM) hardening. See KB5004442. After you install this update, you cannot turn off the changes using the registry key.
- This update affects the United Mexican States. This update supports the government's daylight saving time change order for 2023.
- This update addresses an issue that affects the Local Security Authority Subsystem Service (LSASS). LSASS might stop responding. This occurs after you run Sysprep on a domain-joined machine.
- This update addresses an issue that affects a computer account and Active Directory. When you reuse an existing computer account to join an Active Directory domain, joining fails. This occurs on devices that have installed Windows updates dated October 11, 2022 or later. The error message is, "Error 0xaac (2732): NERR_AccountReuseBlockedByPolicy: 'An account with the same name exists in Active Directory. Re-using the account was blocked by security policy.'" For more information, see KB5020276.

[KB5023697](#)

Applicable on Supply.

2023-03 Cumulative Update for Windows Server 2019 for x64-based Systems (KB5023702)

This security update includes improvements. When you install this KB:

[KB5023702](#)

Applicable on Supply.

- This update implements phase three of Distributed Component Object Model (DCOM) hardening. See KB5004442. After you install this update, you cannot turn off the changes using the registry key.
- This update addresses an issue that affects the registry size. It grows very large. This occurs because the registry entries are not removed when users sign out of an Azure Virtual Desktop (AVD) environment that uses FSlogix.
- This update affects the United Mexican States. This update supports the government's daylight saving time change order for 2023.
- This update addresses an issue that might affect lsass.exe. It might stop responding when it sends a Lightweight Directory Access Protocol (LDAP) query to a domain controller that has a very large LDAP filter.
- This update addresses an issue that affects the Local Security Authority Subsystem Service (LSASS). LSASS might stop responding. This occurs after you run Sysprep on a domain-joined machine.
- This update addresses an issue that affects a computer account and Active Directory. When you reuse an existing computer account to join an Active Directory domain, joining fails. This occurs on devices that have installed Windows updates dated October 11, 2022 or later. The error message is, "Error 0xaac (2732): NERR_AccountReuseBlockedByPolicy: 'An account with the same name exists in Active Directory. Re-using the account was blocked by security policy.'" For more information, see KB5020276.
- This update addresses an issue that affects the Routing and Remote Access Service (RRAS). RRAS cannot accept any new incoming virtual private network (VPN) connections.
- This update addresses an issue that affects Cluster Name Object of Failover Clustering on Azure virtual machines (VM). The issue stops you from repairing it.

2023-03 Cumulative Update for Windows 10 Version 1809 for x64-based Systems (KB5023702)

This security update includes improvements. When you install this KB:

[KB5023702](#)

Applicable on Supply.

- This update implements phase three of Distributed Component Object Model (DCOM) hardening. See KB5004442. After you install this update, you cannot turn off the changes using the registry key.
- This update addresses an issue that affects the registry size. It grows very large. This occurs because the registry entries are not removed when users sign out of an Azure Virtual Desktop (AVD) environment that uses FSlogix.
- This update affects the United Mexican States. This update supports the government's daylight saving time change order for 2023.
- This update addresses an issue that might affect lsass.exe. It might stop responding when it sends a Lightweight Directory Access Protocol (LDAP) query to a domain controller that has a very large LDAP filter.
- This update addresses an issue that affects the Local Security Authority Subsystem Service (LSASS). LSASS might stop responding. This occurs after you run Sysprep on a domain-joined machine.
- This update addresses an issue that affects a computer account and Active Directory. When you reuse an existing computer account to join an Active Directory domain, joining fails. This occurs on devices that have installed Windows updates dated October 11, 2022 or later. The error message is, "Error 0xaac (2732): NERR_AccountReuseBlockedByPolicy: 'An account with the same name exists in Active Directory. Re-using the account was blocked by security policy.'" For more information, see KB5020276.
- This update addresses an issue that affects the Routing and Remote Access Service (RRAS). RRAS cannot accept any new incoming virtual private network (VPN) connections.
- This update addresses an issue that affects Cluster Name Object of Failover Clustering on Azure virtual machines (VM). The issue stops you from repairing it.

2023-03 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems (KB5023755)

This cumulative security update contains improvements that are part of update KB5022890 (released February 14, 2023). This update also makes improvements for the following issues:

[KB5023755](#)

Applicable on Supply.

- The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.
 - By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving

time (DST) in 2023. Key changes in the order include the following:

- Updated DST rules for Mountain Standard Time (Mexico) and Central Standard Time (Mexico) to no daylight saving time starting in 2023.
- Changed Chihuahua time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico).
- Changed Ojinaga time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico)
- Created a new time zone America/Ciudad_Juarez and mapped it to Mountain Standard Time (Mexico).
- This update implements the final phase of DCOM hardening as described in KB5004442. This phase removes the ability to disable changes through the registry.

2023-03 Security Only Quality Update for Windows Server 2008 for x86-based Systems (KB5023754)

This update makes improvements for the following issues:

- The Local Security Authority Subsystem Service (Lsass.exe) might stop responding after System Preparation (sysprep) is run on a domain-joined device.
 - By order of the Mexican government in October 2022, the United Mexican States will not observe daylight saving time (DST) in 2023. Key changes in the order include the following:
 - Updated DST rules for Mountain Standard Time (Mexico) and Central Standard Time (Mexico) to no daylight saving time starting in 2023.
 - Changed Chihuahua time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico).
 - Changed Ojinaga time zone from (UTC -7:00) Mountain Standard Time (Mexico) to (UTC -6:00) Central Standard Time (Mexico)
 - Created a new time zone America/Ciudad_Juarez and mapped it to Mountain Standard Time (Mexico).
- This update implements the final phase of DCOM hardening as described in KB5004442. This phase removes the ability to disable changes through the registry.

[KB5023754](#)

Applicable on Supply.

Windows Malicious Software Removal Tool x64 - v5.111

The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers. Microsoft releases the MSRT on a monthly cadence as part of Windows Update or as a standalone tool. Use this tool to find and remove specific prevalent threats and reverse the changes they have made.

[KB890830](#)

Applicable on Supply.