Windows BitLocker Information Disclosure Vulnerability New

CVE-2025-21214

Security Vulnerability

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Released: Jan 14, 2025

Assigning CNA: Microsoft

CVE-2025-21214 ↗

Impact: Information Disclosure   Max Severity: Important

Weakness: CWE-200: Exposure of Sensitive Information to an Unauthorized Actor

CVSS Source: Microsoft

CVSS:3.1 4.2 / 3.7 ⓘ Base score metrics: 4.2 / Temporal score metrics: 3.7

⌄ Expand all   ❯ Collapse all

Metric	Value
Base score metrics (8)	
▸ Attack Vector	▸ Physical
▸ Attack Complexity	▸ High
▸ Privileges Required	▸ None
▸ User Interaction	▸ None
▸ Scope	▸ Unchanged
▸ Confidentiality	▸ High
▸ Integrity	▸ None
▸ Availability	▸ None
Temporal score metrics (3)	
▸ Exploit Code Maturity	▸ Unproven
▸ Remediation Level	▸ Official Fix
▸ Report Confidence	▸ Confirmed

Please see Common Vulnerability Scoring System for more information on the definition of these metrics.

Exploitability

The following table provides an exploitability assessment for this vulnerability at the time of original publication.

Publicly disclosed
No
Exploited
No
Exploitability assessment
Exploitation Less Likely

FAQ

What type of information could be disclosed by this vulnerability?

The type of information that could be disclosed if an attacker successfully exploited this vulnerability is Bitlocker Key.

According to the CVSS metric, the attack complexity is high (AC:H). What does that mean for this vulnerability?

Successful exploitation of this vulnerability requires an attacker to invest time in repeated exploitation attempts by swapping virtual hard disks.

Acknowledgements

Security Updates

To determine the support lifecycle for your software, see the [Microsoft Support Lifecycle](#).

Updates   CVSS

✏ Edit columns   ↓ Download   ▽ Filters

Release date ↓	Product	Platform	Impact	Max Severity	Article	Download	Build Number
Jan 14, 2025	Windows Server 2012 R2 (Server Core installation)	-	Information Disclosure	Important	5050048 ↗	Monthly Rollup ↗	6.3.9600.22371
Jan 14, 2025	Windows Server 2012 R2	-	Information Disclosure	Important	5050048 ↗	Monthly Rollup ↗	6.3.9600.22371
Jan 14, 2025	Windows Server 2012 (Server Core installation)	-	Information Disclosure	Important	5050004 ↗	Monthly Rollup ↗	6.2.9200.25273
Jan 14, 2025	Windows Server 2012	-	Information Disclosure	Important	5050004 ↗	Monthly Rollup ↗	6.2.9200.25273
Jan 14, 2025	Windows Server 2008 R2 for x64-based Systems Service Pack 1 (Server Core installation)	-	Information Disclosure	Important	5050049 ↗	Monthly Rollup ↗	6.1.7601.27520

version	revisionDate	description
1.0	Jan 14, 2025	Information published.

Release date	Product	Platform	Impact	Max Severity	Article	Download	Build Number
Jan 14, 2025	Windows Server 2008 for x64-based Systems Service Pack 2 (Server Core installation)	-	Information Disclosure	Important	5050061 ↗	Security Only ↗	6.0.6003.23070
Jan 14, 2025	Windows Server 2008 for x64-based Systems Service Pack 2	-	Information Disclosure	Important	5050063 ↗ 5050061 ↗	Monthly Rollup ↗ Security Only ↗	6.0.6003.23070 6.0.6003.23070
Jan 14, 2025		-	Information Disclosure	Important	5050063 ↗ 5050061 ↗	Monthly Rollup ↗ Security Only ↗	6.0.6003.23070 6.0.6003.23070

⊗

⚠ Broken	☹ Bad	☹ Below average	☺ Average	☺ Great!

Jan 14, 2025	Windows Server 2008 for 32-bit Systems Service Pack 2	-	Information Disclosure	Important	5050063 ↗ 5050061 ↗	Monthly Rollup ↗ Security Only ↗	6.0.6003.23070 6.0.6003.23070
Jan 14, 2025	Windows Server 2016 (Server Core installation)	-	Information Disclosure	Important	5049993 ↗	Security Update ↗	10.0.14393.769
Jan 14, 2025	Windows Server 2016	-	Information Disclosure	Important	5049993 ↗	Security Update ↗	10.0.14393.769
Jan 14, 2025	Windows 10 Version 1607 for x64-based Systems	-	Information Disclosure	Important	5049993 ↗	Security Update ↗	10.0.14393.769
Jan 14, 2025	Windows 10 Version 1607 for 32-bit Systems	-	Information Disclosure	Important	5049993 ↗	Security Update ↗	10.0.14393.769
Jan 14, 2025	Windows 10 for x64-based Systems	-	Information Disclosure	Important	5050013 ↗	Security Update ↗	10.0.10240.208
Jan 14, 2025	Windows 10 for 32-bit Systems	-	Information Disclosure	Important	5050013 ↗	Security Update ↗	10.0.10240.208
Jan 14, 2025	Windows Server 2025	-	Information Disclosure	Important	5050009 ↗	Security Update ↗	10.0.26100.289
Jan 14, 2025	Windows 11 Version 24H2 for x64-based Systems	-	Information Disclosure	Important	5050009 ↗	Security Update ↗	10.0.26100.289
Jan 14, 2025	Windows 11 Version 24H2 for ARM64-based Systems	-	Information Disclosure	Important	5050009 ↗	Security Update ↗	10.0.26100.289

Jan 14, 2025	Windows Server 2022, 23H2 Edition (Server Core installation)	-	Information Disclosure	Important	5049984 ⊠	Security Update ⊠	10.0.25398.136
Jan 14, 2025	Windows 11 Version 23H2 for x64-based Systems	-	Information Disclosure	Important	5050021 ⊠	Security Update ⊠	10.0.22631.475
Jan 14, 2025	Windows 11 Version 23H2 for ARM64-based Systems	-	Information Disclosure	Important	5050021 ⊠	Security Update ⊠	10.0.22631.475
Jan 14, 2025	Windows Server 2025 (Server Core installation)	-	Information Disclosure	Important	5050009 ⊠	Security Update ⊠	10.0.26100.289
Jan 14, 2025	Windows 10 Version 22H2 for 32-bit Systems	-	Information Disclosure	Important	5049981 ⊠	Security Update ⊠	10.0.19045.537
Jan 14, 2025	Windows 10 Version 22H2 for ARM64-based Systems	-	Information Disclosure	Important	5049981 ⊠	Security Update ⊠	10.0.19045.537
Jan 14, 2025	Windows 10 Version 22H2 for x64-based Systems	-	Information Disclosure	Important	5049981 ⊠	Security Update ⊠	10.0.19045.537
Jan 14, 2025	Windows 11 Version 22H2 for x64-based Systems	-	Information Disclosure	Important	5050021 ⊠	Security Update ⊠	10.0.22621.475
Jan 14, 2025	Windows 11 Version 22H2 for ARM64-based Systems	-	Information Disclosure	Important	5050021 ⊠	Security Update ⊠	10.0.22621.475
Jan 14, 2025	Windows 10 Version 21H2 for x64-based Systems	-	Information Disclosure	Important	5049981 ⊠	Security Update ⊠	10.0.19044.537
Jan 14, 2025	Windows 10 Version 21H2 for ARM64-based Systems	-	Information Disclosure	Important	5049981 ⊠	Security Update ⊠	10.0.19044.537
Jan 14, 2025	Windows 10 Version 21H2 for 32-bit Systems	-	Information Disclosure	Important	5049981 ⊠	Security Update ⊠	10.0.19044.537
Jan 14, 2025	Windows Server 2022 (Server Core installation)	-	Information Disclosure	Important	5049983 ⊠	Security Update ⊠	10.0.20348.309
Jan 14, 2025	Windows Server 2022	-	Information Disclosure	Important	5049983 ⊠	Security Update ⊠	10.0.20348.309
Jan 14, 2025	Windows Server 2019 (Server Core installation)	-	Information Disclosure	Important	5050008 ⊠	Security Update ⊠	10.0.17763.677
Jan 14, 2025	Windows Server 2019	-	Information Disclosure	Important	5050008 ⊠	Security Update ⊠	10.0.17763.677
Jan 14, 2025	Windows 10 Version 1809 for x64-based Systems	-	Information Disclosure	Important	5050008 ⊠	Security Update ⊠	10.0.17763.677
Jan 14, 2025	Windows 10 Version 1809 for 32-bit Systems	-	Information Disclosure	Important	5050008 ⊠	Security Update ⊠	10.0.17763.677