



CVE-2022-23003

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2022-23003
State	PUBLIC
Assigner	psirt@wdc.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-07-29 19:15:00 UTC
Updated	2022-08-05 18:48:00 UTC
Description	When computing a shared secret or point multiplication on the NIST P-256 curve that results in an X coordinate of zero, the

Risk And Classification

Problem Types: CWE-682

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Westerndigital	Sweet B	1	All	All	All

References

Reference	Source	Link	Tags
WDC-22013 Sweet B Incorrect Output Vulnerabilities Western Digital	MISC	www.westerndigital.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

