



bsv-sdk and bsv-wallet persist unverified certifier signatures in acquire_certificate (direct and issuance paths)

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

Summary

CVE	CVE-2026-40070
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-09 18:17:03 UTC
Updated	2026-04-09 18:17:03 UTC
Description	BSV Ruby SDK is the Ruby SDK for the BSV blockchain. From 0.3.1 to before 0.8.2, BSV::Wallet::WalletClient#acquire_certificate

Risk And Classification

Primary CVSS: v3.1 8.1 HIGH from security-advisories@github.com

CVSS: 3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:N

Problem Types: CWE-347 | CWE-347 CWE-347: Improper Verification of Cryptographic Signature

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	8.1	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:N
3.1	CNA	DECLARED	8.1	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

None

CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:N

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Sgbett	Bsv-ruby-sdk	affected >= 0.3.1, < 0.8.2	Not specified
CNA	Sgbett	Bsv-sdk	affected >= 0.3.1, < 0.8.2	Not specified
CNA	Sgbett	Bsv-wallet	affected >= 0.1.2, < 0.3.4	Not specified

References

Reference	Source	Link	Tags
brc.dev/52	security-advisories@github.com	brc.dev	
github.com/sgbett/bsv-ruby-sdk/issues/305	security-advisories@github.com	github.com	
github.com/sgbett/bsv-ruby-sdk/security/advisories/GHSA-hc36-c89j-5f4j	security-advisories@github.com	github.com	
github.com/sgbett/bsv-ruby-sdk/pull/306	security-advisories@github.com	github.com	
github.com/sgbett/bsv-ruby-sdk/commit/4992e8a265fd914a7eeb0405c69d1ff012...	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canon
NVD vulnerability detail	NVD	nvd.nist.gov	canon

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](#).

Free CVE JSON API [cve.report/api](#)

CVE.report and Source URL Uptime Status [status.cve.report](#)