



# ObjectInputStream.readObject() without ObjectInputFilter in fabric-sdk-java allows Java deserialization RCE

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

## Summary

<b>CVE</b>	CVE-2026-41586
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-07 06:16:04 UTC
<b>Updated</b>	2026-05-07 06:16:04 UTC
<b>Description</b>	Hyperledger Fabric is an enterprise-grade permissioned distributed ledger framework for developing solutions and applicati

## Risk And Classification

**Primary CVSS:** v4.0 9.3 CRITICAL from security-advisories@github.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**Problem Types:** CWE-502 | CWE-502 CWE-502: Deserialization of Untrusted Data

Version	Source	Type	Score	Severity	Vector
4.0	security-advisories@github.com	Secondary	9.3	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N
4.0	CNA	DECLARED	9.3	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Hyperledger</a>	<a href="#">Fabric</a>	affected >= 1.0.0, <= 2.2.26	Not specified

### References

Reference	Source	Link	Tags
<a href="#">hyperledger.github.io/fabric-gateway</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="#">hyperledger.github.io</a>	
<a href="#">github.com/hyperledger/fabric/security/advisories/GHSA-prf8-cf2x-rhx7</a>	<a href="mailto:security-advisories@github.com">security-advisories@github.com</a>	<a href="#">github.com</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

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

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