Apache MINA: AbstractIoBuffer.resolveClass() null-clazz Branch Skips acceptMatchers Filter — Full Object Deserialization RCE

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-41635
State	PUBLISHED
Assigner	apache
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-27 09:16:01 UTC
Updated	2026-04-29 19:08:21 UTC
Description	Apache MINA's AbstractIoBuffer.resolveClass() contains two branches, one of them (for static classes or primitive types) do

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from security@apache.org

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

EPSS: 0.000460000 probability, percentile 0.140610000 (date 2026-04-27)

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

Version	Source	Type	Score	Severity	Vector
3.1	security@apache.org	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Mina	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Apache Software Foundation	Apache MINA	affected 2.2.0 2.2.5 semver	Not specified
CNA	Apache Software Foundation	Apache MINA	affected 2.1.0 2.1.10 semver	Not specified
CNA	Apache Software Foundation	Apache MINA	affected 2.0.0 2.0.27 semver	Not specified

References

Reference	Source	Link	Tags
www.openwall.com/lists/oss-security/2026/04/27/4	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com	Mailing List,
lists.apache.org/thread/1l91w1mqsb3lwfd504fs045ylxntt2tm	security@apache.org	lists.apache.org	Mailing List,
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a

Vendor Comments And Credit

Discovery Credit

CNA: Venkatraman Kumar, Securin (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-04-17T00:00:00.000Z	Initial reporting

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report