



CVE-2025-61748

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Summary

CVE	CVE-2025-61748
State	PUBLISHED
Assigner	oracle
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-10-21 20:20:51 UTC
Updated	2026-05-12 13:17:23 UTC
Description	Vulnerability in the Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition product of Oracle Java SE

Risk And Classification

Primary CVSS: v3.1 3.7 LOW from secalert_us@oracle.com

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

EPSS: 0.000340000 probability, percentile 0.099500000 (date 2026-05-12)

Problem Types: CWE-284 | Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition. Successful attacks of this vulnerability can result in unauthorized update, insert or delete access to some of Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition accessible data. | CWE-284 CWE-284 Improper Access Control

Version	Source	Type	Score	Severity	Vector
3.1	secalert_us@oracle.com	Secondary	3.7	LOW	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:L/A:N
3.1	CNA	DECLARED	3.7	LOW	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:L/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

Low

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oracle	Graalvm	21.3.15	All	All	All
Application	Oracle	Graalvm For Jdk	21.0.8	All	All	All
Application	Oracle	Jdk	21.0.8	All	All	All
Application	Oracle	Jdk	25	All	All	All
Application	Oracle	Jre	21.0.8	All	All	All
Application	Oracle	Jre	25	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Oracle Corporation	Oracle Java SE	affected 21.0.8	Not specified
CNA	Oracle Corporation	Oracle Java SE	affected 25	Not specified
CNA	Oracle Corporation	Oracle GraalVM For JDK	affected 21.0.8	Not specified
CNA	Oracle Corporation	Oracle GraalVM Enterprise Edition	affected 21.3.15	Not specified
ADP	Siemens	SIMATIC CN 4100	affected V5.0 custom	Not specified

References

Reference	Source	Link	Tags
cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.com	
www.oracle.com/security-alerts/cpuoct2025.html	secalert_us@oracle.com	www.oracle.com	Vendor Ad
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	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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