CVE-2023-21986

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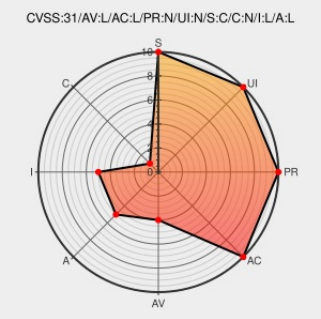

Certain versions of Graalvm from Oracle contain the following vulnerability:

Vulnerability in the Oracle GraalVM Enterprise Edition product of Oracle Java SE (component: Native Image). Supported versions that are affected are Oracle GraalVM Enterprise Edition: 20.3.9, 21.3.5 and 22.3.1. Easily exploitable vulnerability allows unauthenticated attacker with logon to the infrastructure where Oracle GraalVM Enterprise Edition executes to compromise Oracle GraalVM Enterprise Edition. While the vulnerability is in Oracle GraalVM Enterprise Edition, attacks may significantly impact additional products (scope change). Successful attacks of this vulnerability can result in unauthorized update, insert or delete access to some of Oracle GraalVM Enterprise Edition accessible data and unauthorized ability to cause a partial denial of service (partial DOS) of Oracle GraalVM Enterprise Edition. CVSS 3.1 Base Score 5.7 (Integrity and Availability impacts). CVSS Vector: (CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:C/C:N/I:L/A:L).

CVE-2023-21986 has been assigned by secalert_us@oracle.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Oracle Corporation** - **GraalVM Enterprise Edition** version **= Oracle GraalVM Enterprise Edition:20.3.9**

Affected Vendor/Software: **Oracle Corporation** - **GraalVM Enterprise Edition** version **= Oracle GraalVM Enterprise Edition:21.3.5**

Affected Vendor/Software: **Oracle Corporation** - **GraalVM Enterprise Edition** version **= Oracle GraalVM Enterprise Edition:22.3.1**

CVSS3 Score: 5.7 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
CHANGED	NONE	LOW	LOW

CVE References

Description	Tags	Link
Oracle Critical Patch Update Advisory - April 2023	www.oracle.com text/html	MISC www.oracle.com/security-alerts/cpuapr2023.html

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oracle	Graalvm	20.3.9	All	All	All
Application	Oracle	Graalvm	21.3.5	All	All	All
Application	Oracle	Graalvm	22.3.1	All	All	All

cpe:2.3:a:oracle:graalvm:20.3.9:*:*:*:enterprise:*:*:*:

cpe:2.3:a:oracle:graalvm:21.3.5:*:*:*:enterprise:*:*:*:

cpe:2.3:a:oracle:graalvm:22.3.1:*:*:*:enterprise:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2023-21986 : Vulnerability in the Oracle GraalVM Enterprise Edition product of Oracle Java SE component: Nativ… twitter.com/i/web/status/1…	2023-04-18 20:30:06

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