CVE-2020-2799

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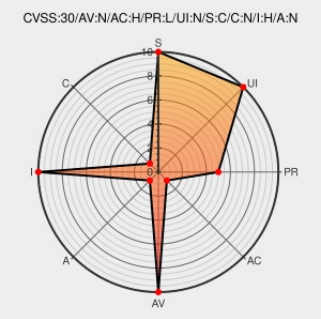

Certain versions of Graalvm from Oracle contain the following vulnerability:

Vulnerability in the Oracle GraalVM Enterprise Edition product of Oracle GraalVM (component: GraalVM Compiler). Supported versions that are affected are 19.3.1 and 20.0.0. Difficult to exploit vulnerability allows low privileged attacker with network access via multiple protocols to compromise Oracle GraalVM Enterprise Edition. While the vulnerability is in Oracle GraalVM Enterprise Edition, attacks may significantly impact additional products. Successful attacks of this vulnerability can result in unauthorized creation, deletion or modification access to critical data or all Oracle GraalVM Enterprise Edition accessible data. CVSS 3.0 Base Score 6.3 (Integrity impacts). CVSS Vector: (CVSS:3.0/AV:N/AC:H/PR:L/UI:N/S:C/C:N/I:H/A:N).

CVE-2020-2799 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 **= 19.3.1**

Affected Vendor/Software: **Oracle Corporation** - **GraalVM Enterprise Edition** version **= 20.0.0**

CVSS3 Score: 6.3 - MEDIUM

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

CVSS2 Score: 3.5 - LOW

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality	**Integrity**	**Availability**

Impact	Impact	Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
Oracle Critical Patch Update Advisory - April 2020	Vendor Advisory www.oracle.com text/html	MISC www.oracle.com/security-alerts/cpuapr2020.html

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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	19.3.1	All	All	All
Application	Oracle	Graalvm	20.0.0	All	All	All
Application	Oracle	Graalvm	19.3.1	All	All	All
Application	Oracle	Graalvm	20.0.0	All	All	All

cpe:2.3:a:oracle:graalvm:19.3.1:*:*:*:enterprise:*:*:*:

cpe:2.3:a:oracle:graalvm:20.0.0:*:*:*:enterprise:*:*:*:

cpe:2.3:a:oracle:graalvm:19.3.1:*:*:*:enterprise:*:*:*:

cpe:2.3:a:oracle:graalvm:20.0.0:*:*:*:enterprise:*:*:*:

No vendor comments have been submitted for this CVE

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