CVE-2020-2802

Published on: 04/15/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:08 PM UTC

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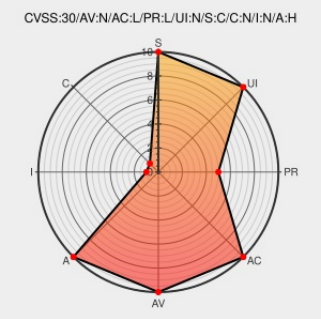

Certain versions of Graalvm from Oracle contain the following vulnerability:

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. Easily exploitable 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 ability to cause a hang or frequently repeatable crash (complete DOS) of Oracle GraalVM Enterprise Edition. CVSS 3.0 Base Score 7.7 (Availability impacts). CVSS Vector: (CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:C/C:N/I:N/A:H).

CVE-2020-2802 has been assigned by secalert_us@oracle.com to track the vulnerability - currently rated as HIGH 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: 7.7 - HIGH

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

CVSS2 Score: 4 - MEDIUM

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

Impact	Impact	Impact
NONE	NONE	PARTIAL

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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