

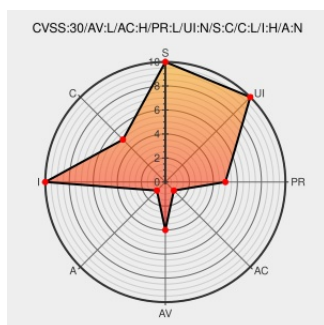


CVE-2020-2678

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CVE-2020-2678

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Vm Virtualbox](#) from [Oracle](#) contain the following vulnerability:

Vulnerability in the Oracle VM VirtualBox product of Oracle Virtualization (component: Core). Supported versions that are affected are Prior to 5.2.36, prior to 6.0.16 and prior to 6.1.2. Difficult to exploit vulnerability allows low privileged attacker with logon to the infrastructure where Oracle VM VirtualBox executes to compromise

Oracle VM VirtualBox. While the vulnerability is in Oracle VM VirtualBox, 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 VM VirtualBox accessible data as well as unauthorized read access to a subset of Oracle VM VirtualBox accessible data. CVSS 3.0 Base Score 6.4 (Confidentiality and Integrity impacts). CVSS Vector: (CVSS:3.0/AV:L/AC:H/PR:L/UI:N/S:C/C:L/I:H/A:N).

CVE-2020-2678 has been assigned by [secalert_us@oracle.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Oracle Corporation - VM VirtualBox** version < 5.2.36

Affected Vendor/Software: **Oracle Corporation - VM VirtualBox** version < 6.0.16

Affected Vendor/Software: **Oracle Corporation - VM VirtualBox** version < 6.1.2

CVSS3 Score: **6.4 - MEDIUM**

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

CVSS2 Score: **3.3 - LOW**

Access Vector	Access Complexity	Authentication
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LOCAL	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link
VirtualBox: Multiple vulnerabilities (GLSA 202004-02) — Gentoo security	Third Party Advisory security.gentoo.org text/html	 GENTOO GLSA-202004-02
VirtualBox: Multiple vulnerabilities (GLSA 202101-09) — Gentoo security	Third Party Advisory security.gentoo.org text/html	 GENTOO GLSA-202101-09
Oracle Critical Patch Update Advisory - January 2020	Patch Vendor Advisory www.oracle.com text/html	 MISC www.oracle.com/security-alerts/cpujan2020.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	Vm Virtualbox	All	All	All	All
Application	Oracle	Vm Virtualbox	All	All	All	All

cpe:2.3:a:oracle:vm_virtualbox:*****:

cpe:2.3:a:oracle:vm_virtualbox:*****:

No vendor comments have been submitted for this CVE

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