



CVE-2019-2859

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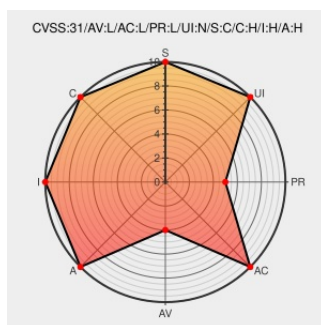
CVE-2019-2859

[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of [Leap](#) from [Opensuse](#) contain the following vulnerability:

Vulnerability in the Oracle VM VirtualBox component of Oracle Virtualization (subcomponent: Core). Supported versions that are affected are Prior to 5.2.32 and prior to 6.0.10. Easily exploitable 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 takeover of Oracle VM VirtualBox. CVSS 3.0 Base Score 8.8 (Confidentiality, Integrity and Availability impacts). CVSS Vector: (CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:C/C:H/I:H/A:H).

CVE-2019-2859 has been assigned by [secalert_us@oracle.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Oracle Corporation - VM VirtualBox** version < 5.2.32

Affected Vendor/Software: **Oracle Corporation - VM VirtualBox** version < 6.0.10

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact

CVE References

Description	Tags	Link
[security-announce] openSUSE-SU-2019:1814-1: important: Security update	Mailing List Third Party Advisory lists.opensuse.org text/html	 SUSE openSUSE-SU-2019:1814
Oracle Critical Patch Update Advisory - July 2019	Patch Vendor Advisory www.oracle.com text/html	 MISC www.oracle.com/technetwork/security-advisory/cpujul2019-5072835.html
VirtualBox: Multiple vulnerabilities (GLSA 202101-09) — Gentoo security	Third Party Advisory security.gentoo.org text/html	 GENTOO GLSA-202101-09

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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
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Application	Oracle	Vm Virtualbox	All	All	All	All
Application	Oracle	Vm Virtualbox	All	All	All	All

```
cpe:2.3:o:opensuse:leap:15.0:*:*:*:*:*:
```

```
cpe:2.3:o:opensuse:leap:15.1:*:*:*:*:*:
```

```
cpe:2.3:o:opensuse:leap:15.0:*:*:*:*:*:*:
```

```
cpe:2.3:o:opensuse:leap:15.1:*:*:*:*:*:
```

```
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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