

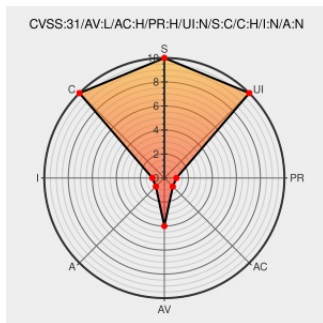


CVE-2020-14648

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CVE-2020-14648

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

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

Vulnerability in the Oracle VM VirtualBox product of Oracle Virtualization (component: Core). Supported versions that are affected are Prior to 5.2.44, prior to 6.0.24 and prior to 6.1.12. Difficult to exploit vulnerability allows high 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 access to critical data or complete access to all Oracle VM VirtualBox accessible data. CVSS 3.1 Base Score 5.3 (Confidentiality impacts). CVSS Vector: (CVSS:3.1/AV:L/AC:H/PR:H/UI:N/S:C/C:H/I:N/A:N).

CVE-2020-14648 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 < **5.2.44**

Affected Vendor/Software: [Oracle Corporation](#) - **VM VirtualBox** version < **6.0.24**

Affected Vendor/Software: [Oracle Corporation](#) - **VM VirtualBox** version < **6.1.12**

CVSS3 Score: **5.3 - MEDIUM**

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

CVSS2 Score: **4.7 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE

LOCAL	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	NONE	NONE

CVE References

Description	Tags	Link
Oracle Critical Patch Update Advisory - July 2020	Vendor Advisory www.oracle.com text/html	MISC www.oracle.com/security-alerts/cpujul2020.html
VirtualBox: Multiple vulnerabilities (GLSA 202101-09) — Gentoo security	Third Party Advisory security.gentoo.org text/html	GENTOO GLSA-202101-09
ZDI-20-889 Zero Day Initiative	Third Party Advisory VDB Entry www.zerodayinitiative.com text/html	MISC www.zerodayinitiative.com/advisories/ZDI-20-889/
[security-announce] openSUSE-SU-2020:1486-1: moderate: Security update f	Mailing List Third Party Advisory lists.opensuse.org text/html	SUSE openSUSE-SU-2020:1486
[security-announce] openSUSE-SU-2020:1511-1: important: Security update	Mailing List Third Party Advisory lists.opensuse.org text/html	SUSE openSUSE-SU-2020:1511

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Related QID Numbers

690525 Free Berkeley Software Distribution (FreeBSD) Security Update for virtualbox (1e7b316b-c6a8-11ea-a7d5-001999f8d30b)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	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:15.1:*****:

cpe:2.3:o:opensuse:leap:15.1:*****:*
cpe:2.3:o:opensuse:leap:15.2:*****:*
cpe:2.3:o:opensuse:leap:15.1:*****:*
cpe:2.3:o:opensuse:leap:15.2:*****:*
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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