

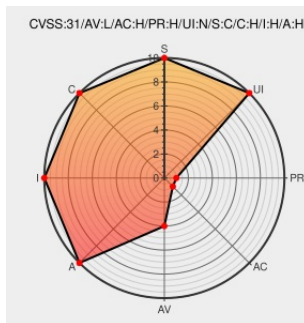


CVE-2020-14646

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CVE-2020-14646

[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 takeover of Oracle VM VirtualBox. CVSS 3.1 Base Score 7.5 (Confidentiality, Integrity and Availability impacts). CVSS Vector: (CVSS:3.1/AV:L/AC:H/PR:H/UI:N/S:C/C:H/I:H/A:H).

CVE-2020-14646 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 < 5.2.44

Affected Vendor/Software: **Oracle Corporation - VM VirtualBox** version < 6.0.24

Affected Vendor/Software: **Oracle Corporation - VM VirtualBox** version < 6.1.12

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **4.4 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE

Confidentiality Impact	Integrity Impact	Availability Impact				
PARTIAL	PARTIAL	PARTIAL				
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-20-888 Zero Day Initiative	Third Party Advisory VDB Entry www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-20-888/				
[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:15.2:*****:
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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