



CVE-2019-2721

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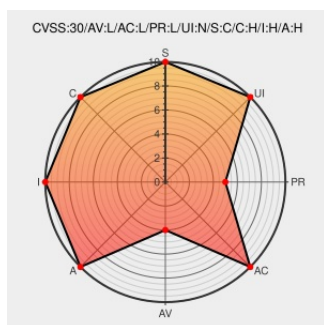
CVE-2019-2721

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[Source: NIST](#)

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

Vulnerability in the Oracle VM VirtualBox component of Oracle Virtualization (subcomponent: Core). Supported versions that are affected are Prior to 5.2.28 and prior to 6.0.6. 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-2019-2721 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 < 5.2.28

Affected Vendor/Software: **Oracle Corporation - VM VirtualBox** version < 6.0.6

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

PARTIAL

PARTIAL

PARTIAL

CVE References

Description	Tags	Link
Oracle Critical Patch Update - April 2019	Patch Vendor Advisory web.archive.org text/html Inactive Link Not Archived	 MISC www.oracle.com/technetwork/security-advisory/cpuapr2019-5072813.html
[security-announce] openSUSE-SU-2019:1814-1: important: Security update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2019:1814
VirtualBox 6.0.4 r128413 - COM RPC Interface Code Injection Host Privilege Escalation - Windows local Exploit	Exploit Third Party Advisory VDB Entry www.exploit-db.com Proof of Concept text/html	 EXPLOIT-DB 46747

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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
<code>cpe:2.3:a:oracle:vm_virtualbox:*****:</code>						
<code>cpe:2.3:a:oracle:vm_virtualbox:*****:</code>						

No vendor comments have been submitted for this CVE

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