



CVE-2016-5538

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2016-5538
State	PUBLISHED
Assigner	oracle
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-25 14:30:14 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Unspecified vulnerability in the Oracle VM VirtualBox component before 5.0.28 and 5.1.x before 5.1.8 in Oracle Virtualization

Risk And Classification

Primary CVSS: v3.0 6.7 MEDIUM from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.001380000 probability, percentile 0.332450000 (date 2026-05-08)

Problem Types: NVD-CWE-noinfo | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	6.7	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.2		AV:L/AC:L/Au:N/C:C/I:C/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.0/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:L/Au:N/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oracle	Vm Virtualbox	5.0.27	All	All	All
Application	Oracle	Vm Virtualbox	5.1.7	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference
Oracle Critical Patch Update - October 2016
Oracle VM VirtualBox CVE-2016-5538 Local Security Vulnerability
Oracle VM VirtualBox Multiple Flaws Let Remote and Local Users Access and Modify Data and Let Local Users Deny Service and Gain Eleva
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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