



CVE-2016-3612

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary	
CVE	CVE-2016-3612
State	PUBLISHED
Assigner	oracle
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-07-21 10:14:45 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Unspecified vulnerability in the Oracle VM VirtualBox component in Oracle Virtualization VirtualBox before 5.0.22 allows remote attackers to execute arbitrary code or cause a denial of service (VM crash) via a crafted VMX file, as demonstrated by a proof of concept exploit. CVE-2016-3612 is a vulnerability in the Oracle VM VirtualBox component in Oracle Virtualization VirtualBox before 5.0.22. It allows remote attackers to execute arbitrary code or cause a denial of service (VM crash) via a crafted VMX file, as demonstrated by a proof of concept exploit.

Risk And Classification

Primary CVSS: v3.0 5.9 MEDIUM from nvd@nist.gov

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

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

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.9	MEDIUM	CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown	
Attack Vector	Network
Attack Complexity	High
Privileges Required	None
User Interaction	None
Scope	Unchanged
Confidentiality	High
Integrity	None
Availability	

None

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

AV:N/AC:M/Au:N/C:P/I:N/A:N

NVD Known Affected Configurations (CPE 2.3)

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

Vendor Declared Affected Products

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

References

Reference	Source
Oracle VM VirtualBox CVE-2016-3612 Remote Security Vulnerability	af854a3a-2127-422b-91ae-36
Oracle VM VirtualBox Flaws Let Remote Users Access Data and Local Users Deny Service - SecurityTracker	af854a3a-2127-422b-91ae-36
Oracle Critical Patch Update - July 2016	af854a3a-2127-422b-91ae-36
Oracle July 2016 Critical Patch Update Multiple Vulnerabilities	af854a3a-2127-422b-91ae-36
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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