CVE-2016-7081

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2016-7081
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-12-29 09:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Multiple heap-based buffer overflows in VMware Workstation Pro 12.x before 12.5.0 and VMware Workstation Player 12.x b

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from nvd@nist.gov

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

EPSS: 0.001880000 probability, percentile 0.402320000 (date 2026-05-08)

Problem Types: CWE-119 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.0/AV:L/AC:H/PR:L/UI:N/S:C/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	6.9		AV:L/AC:M/Au:N/C:C/I:C/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows	All	All	All	All
Application	Vmware	Workstation Player	12.0.0	All	All	All
Application	Vmware	Workstation Player	12.0.1	All	All	All
Application	Vmware	Workstation Player	12.1.0	All	All	All
Application	Vmware	Workstation Player	12.1.1	All	All	All
Application	Vmware	Workstation Pro	12.0.0	All	All	All
Application	Vmware	Workstation Pro	12.0.1	All	All	All
Application	Vmware	Workstation Pro	12.1.0	All	All	All
Application	Vmware	Workstation Pro	12.1.1	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
VMSA-2016-0014	af854a3a

VMware Workstation/Player Flaws Let Local Guest System Users Gain Elevated Privileges on the Host System - SecurityTracker	af854a3a
Multiple VMware Workstation Products CVE-2016-7081 Heap Based Buffer Overflow Vulnerabilities	af854a3a
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.

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**