CVE-2017-0109

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Summary

CVE	CVE-2017-0109
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-03-17 00:59:02 UTC
Updated	2025-04-20 01:37:25 UTC
Description	Hyper-V in Microsoft Windows Vista SP2; Windows Server 2008 SP2 and R2; Windows 7 SP1; Windows 8.1; Windows Ser

Risk And Classification

Primary CVSS: v3.0 7.6 HIGH from nvd@nist.gov

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

Problem Types: CWE-20 | Remote Code Execution

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.6	HIGH	CVSS:3.0/AV:A/AC:H/PR:H/UI:N/S:C/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.4		AV:A/AC:M/Au:S/C:C/I:C/A:C

CVSS v3.0 Breakdown

Attack Vector

Adjacent

Attack Complexity

High

Privileges Required

High

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Adjacent

Access Complexity

Medium

Authentication

Single

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:A/AC:M/Au:S/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	1511	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 7	All	sp1	All	All
Operating System	Microsoft	Windows 8.1	All	All	All	All
Operating System	Microsoft	Windows Server 2008	All	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All
Operating System	Microsoft	Windows Server 2012	-	All	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All
Operating System	Microsoft	Windows Server 2016	All	All	All	All
Operating System	Microsoft	Windows Vista	All	sp2	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Microsoft Corporation	Hyper-V	affected Hyper-V in Microsoft Windows Vista SP2; Windows Server 2008 SP2 and R2; Windows

References

Reference
Microsoft Windows Hyper-V CVE-2017-0109 Remote Code Execution Vulnerability
Security Update Guide - Microsoft Security Response Center
Microsoft Hyper-V Bugs Let Local Guest System Users Obtain Potentially Sensitive Information, Deny Service, and Gain Privileges on the Hos
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.

Free CVE JSON API cve.report/api

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