



CVE-2017-0162

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

CVE	CVE-2017-0162
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-04-12 14:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	A remote code execution vulnerability exists when Windows Hyper-V Network Switch running on a Windows 10, Windows 8

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	All
Operating System	Microsoft	Windows 10	1511	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	1703	All	All	All
Operating System	Microsoft	Windows 8.1	All	All	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All
Operating System	Microsoft	Windows Server 2016	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Microsoft Corporation	Windows Hyper-V	affected Windows 10, Windows 8.1, Windows Server 2012 R2, and Windows Server 2016

References

Reference

Microsoft Windows Hyper-V CVE-2017-0162 Remote Code Execution Vulnerability

Microsoft Hyper-V Input Validation Flaw in Network Switch Lets Local Users on a Guest System Gain Elevated Privileges on the Host System

{{windowTitle}}

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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