



CVE-2017-0103

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary	
CVE	CVE-2017-0103
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	The kernel API in Microsoft Windows Vista SP2, Windows Server 2008 SP2 and R2 SP1, Windows 7 SP1, and Windows S

Risk And Classification

Primary CVSS: v3.0 7 HIGH from nvd@nist.gov

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

Problem Types: CWE-119 | Elevation of Privilege

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7	HIGH	CVSS:3.0/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	4.4		AV:L/AC:M/Au:N/C:P/I:P/A:P

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

High

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows Server 2008	-	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 Vista	-	sp2	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Microsoft Corporation	Windows Registry	affected The kernel API in Microsoft Windows Vista SP2, Windows Server 2008 SP2 and

References

Reference

- Microsoft Windows Kernel - Registry Hive Loading Crashes in nt!nt!HvpGetBinMemAlloc / nt!ExpFindAndRemoveTagBigPages (MS17-017) -
- Microsoft Windows Kernel CVE-2017-0103 Local Privilege Escalation Vulnerability
- Windows Kernel Bugs Let Local Users Gain Elevated Privileges - SecurityTracker
- Security Update Guide - Microsoft Security Response Center
- CVE Program record

No vendor comments have been submitted for this CVE.

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

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