



CVE-2017-0175

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

CVE	CVE-2017-0175
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-05-12 14:29:01 UTC
Updated	2025-04-20 01:37:25 UTC
Description	The Windows kernel in Windows Server 2008 SP2 and R2 SP1, and Windows 7 SP1 allows authenticated attackers to obtain administrative privileges by exploiting a privilege escalation vulnerability in the Windows kernel.

Risk And Classification

Primary CVSS: v3.0 4.7 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-200 | Information Disclosure

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	4.7	MEDIUM	CVSS:3.0/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	2.1		AV:L/AC:L/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 7	All	All	All	All
Operating System	Microsoft	Windows Server 2008	-	All	All	All
Operating System	Microsoft	Windows Server 2008	r2	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Microsoft Corporation	Microsoft Windows	affected Windows Server 2008 SP2 and R2 SP1, and Windows 7 SP1	Not specified

References

Reference	Source
Microsoft Windows Kernel CVE-2017-0175 Local Information Disclosure Vulnerability	af854a3a-2127-422
Windows Kernel Flaw Lets Local Users Obtain Potentially Sensitive Information on the Target System - SecurityTracker	af854a3a-2127-422
Exploit – Page 42009 – Exploits Database	af854a3a-2127-422
portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2017-0175	af854a3a-2127-422
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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