



CVE-2015-6102

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CVE-2015-6102

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Windows 10](#) from [Microsoft](#) contain the following vulnerability:

The kernel in Microsoft Windows Vista SP2, Windows Server 2008 SP2 and R2 SP1, Windows 7 SP1, Windows 8, Windows 8.1, Windows Server 2012 Gold and R2, Windows RT Gold and 8.1, and Windows 10 Gold and 1511 allows local users to bypass the KASLR protection mechanism, and consequently discover a driver base address, via a crafted application, aka "Windows Kernel Memory Information Disclosure Vulnerability."

CVE-2015-6102 has been assigned by secure@microsoft.com to track the vulnerability

CVSS2 Score: **2.1 - LOW**

Access Vector

LOCAL

Access Complexity

LOW

Authentication

NONE

Confidentiality Impact

PARTIAL

Integrity Impact

NONE

Availability Impact

NONE

CVE References

Description

Tags

Link

Microsoft Windows Cursor Object Potential Memory Leak ≈ Packet Storm

[Third Party Advisory](#)
[VDB Entry](#)
[packetstormsecurity.com
text/html](http://packetstormsecurity.com/text/html)

[MISC
packetstormsecurity.com/files/134519/Microsoft-
Windows-Cursor-Object-Potential-Memory-
Leak.html](http://MISC.packetstormsecurity.com/files/134519/Microsoft-Windows-Cursor-Object-Potential-Memory-Leak.html)

Microsoft Windows Kernel Bugs Let Remote Users Execute Arbitrary Code and Local Users Bypass ASLR Restrictions and Gain Elevated Privileges - SecurityTracker

[Third Party Advisory](#)
[VDB Entry](#)
[www.securitytracker.com
text/html](http://www.securitytracker.com/text/html)

[SECTRAK 1034114](#)

Microsoft Windows - Cursor Object Memory Leak (MS15-115) - Windows dos Exploit

[Third Party Advisory](#)
[VDB Entry](#)
[www.exploit-db.com
Proof-of-Concept](http://www.exploit-db.com/Proof-of-Concept)

[EXPLOIT-DB 38794](#)

Proof of Concept
text/html

Microsoft Security Bulletin MS15-115 - Critical | Microsoft Docs

Patch
Vendor Advisory
docs.microsoft.com
text/html

 MS MS15-115

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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	-	All	All	All
Operating System	Microsoft	Windows 10	1511	All	All	All
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows 8	-	All	All	All
Operating System	Microsoft	Windows 8	-	All	All	All
Operating System	Microsoft	Windows 8.1	-	All	All	All
Operating System	Microsoft	Windows 8.1	-	All	All	All
Operating System	Microsoft	Windows Rt	-	All	All	All
Operating System	Microsoft	Windows Rt	-	All	All	All
Operating System	Microsoft	Windows Rt 8.1	-	All	All	All
Operating System	Microsoft	Windows Rt 8.1	-	All	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All

System						
Operating System	Microsoft	Windows Server 2008	r2	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 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 2012	-	All	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All
Operating System	Microsoft	Windows Vista	-	sp2	All	All
Operating System	Microsoft	Windows Vista	-	sp2	All	All
cpe:2.3:o:microsoft:windows_10:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_10:1511:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_10:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_10:1511:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_7:-:sp1:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_7:-:sp1:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_8:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_8:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_8.1:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_8.1:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_rt:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_rt:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_rt_8.1:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_rt_8.1:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:*:*:*:*:*:						

cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:itanium:*:
cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:x64:*:
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:*:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:itanium:*:
cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:x64:*:
cpe:2.3:o:microsoft:windows_server_2012:-:*:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2012:r2:*:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2012:-:*:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2012:r2:*:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:-:sp2:*:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:-:sp2:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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