



CVE-2016-3373

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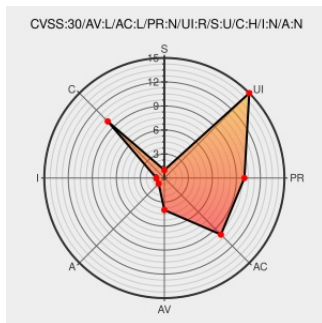
CVE-2016-3373

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

The kernel API in Microsoft Windows Vista SP2, Windows Server 2008 SP2 and R2 SP1, Windows 7 SP1, Windows 8.1, Windows Server 2012 Gold and R2, Windows RT 8.1, and Windows 10 Gold, 1511, and 1607 does not properly implement registry access control, which allows local users to obtain sensitive account information via a crafted application, aka "Windows Kernel Elevation of Privilege Vulnerability."

CVE-2016-3373 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Windows Kernel Multiple Flaws Let Local Users Gain Elevated Privileges - SecurityTracker	www.securitytracker.com text/html	SECTrack 1036802

Microsoft Windows - RegLoadAppKey Hive Enumeration Privilege Escalation (MS16-111) - Windows local Exploit	www.exploit-db.com Proof of Concept text/html	 EXPLOIT-DB 40430
Malformed Request	cve.report (archive) text/html	 BID 92845
Microsoft Security Bulletin MS16-111 - Important Microsoft Docs	docs.microsoft.com text/html	 MS MS16-111

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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	1607	All	All	All
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 7	All	sp1	All	All
Operating System	Microsoft	Windows 8.1	All	All	All	All
Operating System	Microsoft	Windows 8.1	All	All	All	All
Operating System	Microsoft	Windows Rt 8.1	All	All	All	All
Operating System	Microsoft	Windows Rt 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 2008	All	sp2	All	All

Operating System	Microsoft	Windows Server 2008	r2	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 2012	-	All	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All
Operating System	Microsoft	Windows Vista	All	sp2	All	All
Operating System	Microsoft	Windows Vista	All	sp2	All	All
cpe:2.3:o:microsoft:windows_10:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_10:1511:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_10:1607:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_10:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_10:1511:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_10:1607:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_7:*:sp1:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_7:*:sp1:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_8.1:*:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_8.1:*:*:*:*:*:*:						
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:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:*:						
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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