



# CVE-2017-0290

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2017-0290
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@microsoft.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-05-09 06:29:00 UTC
<b>Updated</b>	2019-05-08 22:03:00 UTC
<b>Description</b>	The Microsoft Malware Protection Engine running on Microsoft Forefront and Microsoft Defender on Microsoft Windows Ser

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	Forefront Security	-	All	All	All
Application	Microsoft	Forefront Security	-	All	All	All
Application	Microsoft	Malware Protection Engine	All	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 10	1703	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 10	1703	All	All	All
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows 8.1	All	All	All	All
Operating System	Microsoft	Windows 8.1	All	All	All	All
Application	Microsoft	Windows Defender	-	All	All	All
Application	Microsoft	Windows Defender	-	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
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	-	gold	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All
Operating System	Microsoft	Windows Server 2012	-	gold	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All
Operating System	Microsoft	Windows Server 2016	-	All	All	All
Operating System	Microsoft	Windows Server 2016	-	All	All	All

## References

**Reference**

Natalie Silvanovich on Twitter: "CVE-2017-0290 is tweetable :) var e = new Error(); https://t.co/0RDygaVW6B({message : 7 }); https://t.co/xkHk...

Microsoft Malware Protection Engine CVE-2017-0290 Remote Code Execution Vulnerability

Microsoft Windows Defender File Processing Flaw in Malware Protection Engine Lets Remote Users Execute Arbitrary Code - SecurityTracke

Microsoft Security Advisory 4022344 | Microsoft Docs

Massive vulnerability in Windows Defender leaves most Windows PCs vulnerable | Ars Technica

Microsoft Forefront Protection File Processing Flaw in Malware Protection Engine Lets Remote Users Execute Arbitrary Code - SecurityTracke

{{windowTitle}}

Microsoft Security Essentials / SCEP (Microsoft Windows 8/8.1/10 / Windows Server) - 'MsMpEng' Remote Type Confusion - Windows remote

1252 - MsMpEng: Remotely Exploitable Type Confusion in Windows 8, 8.1, 10, Windows Server, SCEP, Microsoft Security Essentials, and m

0patch Blog: 0patching the "Worst Windows Remote Code Execution Bug in Recent Memory" CVE-2017-0290

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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