



CVE-2019-1456

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CVE-2019-1456

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

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

A remote code execution vulnerability exists in Microsoft Windows when the Windows Adobe Type Manager Library improperly handles specially crafted OpenType fonts, aka 'OpenType Font Parsing Remote Code Execution Vulnerability'. This CVE ID is unique from CVE-2019-1419.

CVE-2019-1456 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
ZDI-19-986 Zero Day Initiative	Third Party Advisory www.zerodayinitiative.com text/html	MISC www.zerodayinitiative.com/advisories/ZDI-19-986/

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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	1607	All	All	All
Operating System	Microsoft	Windows 10	1709	All	All	All
Operating System	Microsoft	Windows 10	1803	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows 10	1903	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	1709	All	All	All
Operating System	Microsoft	Windows 10	1803	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows 10	1903	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
Operating System	Microsoft	Windows 8.1	-	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	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 Server 2016	-	All	All	All
Operating System	Microsoft	Windows Server 2016	1803	All	All	All
Operating System	Microsoft	Windows Server 2016	1903	All	All	All
Operating System	Microsoft	Windows Server 2016	-	All	All	All
Operating System	Microsoft	Windows Server 2016	1803	All	All	All
Operating System	Microsoft	Windows Server 2016	1903	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All
cpe:2.3:o:microsoft:windows_10:-:*****:						
cpe:2.3:o:microsoft:windows_10:1607:*****:						
cpe:2.3:o:microsoft:windows_10:1709:*****:						
cpe:2.3:o:microsoft:windows_10:1803:*****:						

```
cpe:2.3:o:microsoft:windows_10:1809:*.:.:.:.:.:
```

```
cpe:2.3:o:microsoft:windows_10:1903:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_10:-:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_10:1607:*.~*~*~*~*~*~*
```

```
cpe:2.3:o:microsoft:windows_10:1709:*.:.:.:.:.:.:
```

```
cpe:2.3:o:microsoft:windows_10:1803:*:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows 10:1809:*.~*~*~*~*~*~*
```

```
cpe:2.3:o:microsoft:windows 10:1903:.*:.*:.*:.*:.*:.*:.*
```

```
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::*:.*: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_server_2016:-:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2016:1803:*:*:*:*.*.*
```

```
cpe:2.3:o:microsoft:windows_server_2016:1903:*:*:*:*:*.*
```

```
cpe:2.3:o:microsoft:windows_server_2016:-:*:*:*:*:*:*
```

cpe:2.3:o:microsoft:windows_server_2016:1803:~::~~::~~::~~::~~::~~::~
cpe:2.3:o:microsoft:windows_server_2016:1903:~::~~::~~::~~::~~::~~::~
cpe:2.3:o:microsoft:windows_server_2019:-::~~::~~::~~::~~::~~::~~::~
cpe:2.3:o:microsoft:windows_server_2019:-::~~::~~::~~::~~::~~::~~::~

No vendor comments have been submitted for this CVE

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Next ID →

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