



CVE-2020-1579

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CVE-2020-1579

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

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

An elevation of privilege vulnerability exists when the Windows Function Discovery SSDP Provider improperly handles memory. To exploit this vulnerability, an attacker would first have to gain execution on the victim system, aka 'Windows Function Discovery SSDP Provider Elevation of Privilege Vulnerability'.

CVE-2020-1579 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
No Description Provided	Patch Vendor Advisory portal.msrc.microsoft.com	MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-1579

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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	1909	All	All	All
Operating System	Microsoft	Windows 10	2004	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 10	1909	All	All	All
Operating System	Microsoft	Windows 10	2004	All	All	All
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows 7	-	sp1	All	All


```

C:\Program Files\Microsoft Windows\

```

```
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_10:1909:*:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_10:2004:*:*:*:*:*:*:
```

```
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 10:1909:*.:.:*.:.:*.:.:*
```

```
cpe:2.3:o:microsoft:windows 10:2004:*:*:*:*:*.*
```

```
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:*:*:*:x64:*
```

```
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:*.:.:.:.:
```

```
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_2016:1903:*****:
cpe:2.3:o:microsoft:windows_server_2016:1909:*****:
cpe:2.3:o:microsoft:windows_server_2016:2004:*****:
cpe:2.3:o:microsoft:windows_server_2016:-:*****:
cpe:2.3:o:microsoft:windows_server_2016:1903:*****:
cpe:2.3:o:microsoft:windows_server_2016:1909:*****:
cpe:2.3:o:microsoft:windows_server_2016:2004:*****:
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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