



CVE-2018-8449

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

| | |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| CVE | CVE-2018-8449 |
| State | PUBLIC |
| Assigner | secure@microsoft.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2018-09-13 00:29:00 UTC |
| Updated | 2019-10-03 00:03:00 UTC |
| Description | A security feature bypass exists when Device Guard incorrectly validates an untrusted file, aka "Device Guard Security Fea |

Risk And Classification

Problem Types: CWE-367

NVD Known Affected Configurations (CPE 2.3)

| 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 | 1703 | 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 | - | 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 | 1709 | All | All | All |
| Operating System | Microsoft | Windows 10 | 1803 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | - | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 1709 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 1803 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | - | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 1709 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 1803 | All | All | All |

References

| Reference | Source |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2018-8449 | CONFIRM |
| Microsoft Windows Device Guard CVE-2018-8449 Remote Security Bypass Vulnerability | BID |
| Microsoft Windows - 'CiSetFileCache' WDAC Security Feature Bypass TOCTOU - Windows dos Exploit | EXPLOIT-DB |
| Microsoft Windows Device Guard Lets Local Users Bypass Trusted File Restrictions on the Target System - SecurityTracker | SECTRACK |
| CVE Program record | CVE.ORG |
| NVD vulnerability detail | NVD |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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