



CVE-2018-8617

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2018-8617 |
| State | PUBLIC |
| Assigner | secure@microsoft.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2018-12-12 00:29:00 UTC |
| Updated | 2020-08-24 17:37:00 UTC |
| Description | A remote code execution vulnerability exists in the way that the Chakra scripting engine handles objects in memory in Micro |

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|-----------|---------------------|---------|--------|---------|----------|
| Application | Microsoft | Chakracore | - | All | All | All |
| Application | Microsoft | Chakracore | - | All | All | All |
| Application | Microsoft | Edge | - | All | All | All |
| Application | Microsoft | Edge | - | 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 10 | 1809 | 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 10 | 1809 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | - | All | All | All |

| | | | | | | |
|------------------|-----------|---------------------|---|-----|-----|-----|
| Operating System | Microsoft | Windows Server 2016 | - | All | All | All |
| Operating System | Microsoft | Windows Server 2019 | - | All | All | All |
| Operating System | Microsoft | Windows Server 2019 | - | All | All | All |

References

| Reference | Source | Link |
|---|------------|---|
| portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2018-8617 | CONFIRM | portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2018-8617 |
| Microsoft Edge Chakra - 'InlineArrayPush' Type Confusion - Windows dos Exploit | EXPLOIT-DB | www.exploit-db.com |
| Microsoft Edge Chakra Scripting Engine CVE-2018-8617 Remote Memory Corruption Vulnerability | BID | www.securityfocus.com |
| CVE Program record | CVE.ORG | www.cve.org |
| NVD vulnerability detail | NVD | nvd.nist.gov |

No vendor comments have been submitted for this CVE.

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

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