



# CVE-2020-0827

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

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2020-0827                                                                                                              |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | secure@microsoft.com                                                                                                       |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2020-03-12 16:15:00 UTC                                                                                                    |
| <b>Updated</b>         | 2021-07-21 11:39:00 UTC                                                                                                    |
| <b>Description</b>     | A remote code execution vulnerability exists in the way that the ChakraCore scripting engine handles objects in memory, al |

## 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     | All      |
| Application      | Microsoft | Chakracore | All     | 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 | 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 | -       | 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 | <a href="#">Microsoft</a> | <a href="#">Windows 10</a>          | 1909 | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2016</a> | -    | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2016</a> | -    | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2019</a> | -    | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2019</a> | -    | All | All | All |

## References

| Reference                                                                                                                                                               | Source  | Link                                                                      | Tags                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------|---------------------|
| <a href="https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-0827">portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-0827</a> | MISC    | <a href="https://portal.msrc.microsoft.com">portal.msrc.microsoft.com</a> | Patch, Vendor Advis |
| CVE Program record                                                                                                                                                      | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                             | canonical           |
| NVD vulnerability detail                                                                                                                                                | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                           | canonical, analysis |



No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[981928](#) Dotnet (nuget) Security Update for Microsoft.ChakraCore (GHSA-7j34-xq9v-9mqg)