



# CVE-2020-1066

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## CVE-2020-1066

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

Certain versions of [.net Framework](#) from [Microsoft](#) contain the following vulnerability:

An elevation of privilege vulnerability exists in .NET Framework which could allow an attacker to elevate their privilege level. To exploit the vulnerability, an attacker would first have to access the local machine, and then run a malicious program. The update addresses the vulnerability by correcting how .NET Framework activates COM

objects., aka '.NET Framework Elevation of Privilege Vulnerability'.

CVE-2020-1066 has been assigned by [secure@microsoft.com](mailto: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    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **4.6 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>LOCAL</b>           | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                    | Tags                                                     | Link                                                                                                                                                                         |
|--------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No Description Provided</b> | <a href="#">Patch</a><br><a href="#">Vendor Advisory</a> | <a href="https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-1066">MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-1066</a> |

[portal.msrc.microsoft.com](https://portal.msrc.microsoft.com)[text/html](#)

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There are currently no QIDs associated with this CVE

#### Exploit/POC from Github

## CVE-2020-1066-EXP支持Windows 7和Windows Server 2008 R2操作系统

#### Known Affected Configurations (CPE V2.3)

| Type             | Vendor                    | Product                             | Version | Update | Edition | Language |
|------------------|---------------------------|-------------------------------------|---------|--------|---------|----------|
| Application      | <a href="#">Microsoft</a> | <a href="#">.net Framework</a>      | 3.0     | sp2    | All     | All      |
| Application      | <a href="#">Microsoft</a> | <a href="#">.net Framework</a>      | 3.5.1   | All    | All     | All      |
| Application      | <a href="#">Microsoft</a> | <a href="#">.net Framework</a>      | 3.0     | sp2    | All     | All      |
| Application      | <a href="#">Microsoft</a> | <a href="#">.net Framework</a>      | 3.5.1   | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 7</a>           | -       | sp1    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 7</a>           | -       | sp1    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | -       | sp2    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | r2      | sp1    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | -       | sp2    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | r2      | sp1    | All     | All      |

cpe:2.3:a:microsoft:.net\_framework:3.0:sp2:\*:\*:\*:\*:

cpe:2.3:a:microsoft:.net\_framework:3.5.1:\*:\*:\*:\*:

cpe:2.3:a:microsoft:.net\_framework:3.0:sp2:\*:\*:\*:\*:

cpe:2.3:a:microsoft:.net\_framework:3.5.1:\*:\*:\*:\*:

cpe:2.3:o:microsoft:windows\_7:-:sp1:\*:\*:\*:\*:

cpe:2.3:o:microsoft:windows\_7:-:sp1:\*:\*:\*:\*:

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:\*:

No vendor comments have been submitted for this CVE

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