



CVE-2013-3171

Published on: 07/09/2013 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:28:29 PM UTC

CVE-2013-3171

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

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

The serialization functionality in Microsoft .NET Framework 2.0 SP2, 3.5, 3.5 SP1, 3.5.1, 4, and 4.5 does not properly check the permissions of delegate objects, which allows remote attackers to execute arbitrary code via (1) a crafted XAML browser application (XBAP) or (2) a crafted .NET Framework application that leverages a partial-trust relationship, aka "Delegate Serialization Vulnerability."

CVE-2013-3171 has been assigned by secure@microsoft.com to track the vulnerability

CVSS2 Score: **9.3 - HIGH**

Access
Vector

NETWORK

Access
Complexity

MEDIUM

Authentication

NONE

Confidentiality
Impact

COMPLETE

Integrity
Impact

COMPLETE

Availability
Impact

COMPLETE

CVE References

Description

Tags

Link

Microsoft Updates for Multiple Vulnerabilities | US-CERT

[Third Party Advisory](#)
[US Government Resource](#)
www.us-cert.gov
[text/html](#)

[CERT TA13-190A](#)

Microsoft Security Bulletin MS13-052 - Critical | Microsoft Docs

docs.microsoft.com
[text/html](#)

[MS MS13-052](#)

Repository / Oval Repository

oval.cisecurity.org
[text/html](#)

[OVAL oval:org.mitre.oval:def:16867](#)

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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
Application	Microsoft	.net Framework	2.0	sp2	All	All
Application	Microsoft	.net Framework	3.5	All	All	All
Application	Microsoft	.net Framework	3.5	sp1	All	All
Application	Microsoft	.net Framework	3.5.1	All	All	All
Application	Microsoft	.net Framework	4.0	All	All	All
Application	Microsoft	.net Framework	4.5	All	All	All
Application	Microsoft	.net Framework	2.0	sp2	All	All
Application	Microsoft	.net Framework	3.5	All	All	All
Application	Microsoft	.net Framework	3.5	sp1	All	All
Application	Microsoft	.net Framework	3.5.1	All	All	All
Application	Microsoft	.net Framework	4.0	All	All	All
Application	Microsoft	.net Framework	4.5	All	All	All

```
cpe:2.3:a:microsoft:.net_framework:2.0:sp2:*:*:*:*:*:
```

```
cpe:2.3:a:microsoft:.net_framework:3.5:*:*:*:*:*:*:
```

cpe:2.3:a:microsoft:.net_framework:3.5:sp1:*:*:*:*:*:

```
cpe:2.3:a:microsoft:.net_framework:3.5.1:*:*:*:*:*:*:
```

```
cpe:2.3:a:microsoft:.net_framework:4.0:*:*:*:*:*:
```

```
cpe:2.3:a:microsoft:.net_framework:4.5:*:*:*:*:*:
```

cpe:2.3:a:microsoft:.net_framework:2.0:sp2:*:*:*:*:*

```
cpe:2.3:a:microsoft:.net_framework:3.5:*:*:*:*:*:
```

```
cpe:2.3:a:microsoft:.net_framework:3.5:sp1:*:*:*:*:*:
```

```
cpe:2.3:a:microsoft:.net_framework:3.5.1:*:*:*:*:*:*:
```

```
cpe:2.3:a:microsoft:.net framework:4.0:*:*:*:*:*:*
```

```
cpe:2.3:a:microsoft:.net framework:4.5:*:*:*:*:*:*:
```

No vendor comments have been submitted for this CVE

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