



CVE-2012-1895

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

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

The reflection implementation in Microsoft .NET Framework 1.0 SP3, 1.1 SP1, 2.0 SP2, 3.5.1, and 4 does not properly enforce object permissions, which allows remote attackers to execute arbitrary code via (1) a crafted XAML browser application (aka XBAP) or (2) a crafted .NET Framework application, aka "Reflection Bypass Vulnerability."

CVE-2012-1895 has been assigned by secure@microsoft.com to track the vulnerability

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Repository / Oval Repository	oval.cisecurity.org text/html	OVAL oval:org.mitre.oval:def:15924
Microsoft .NET Flaws Let Remote Users Execute Arbitrary Code, Obtain Potentially Sensitive Information, and Bypass Security Restrictions - SecurityTracker	www.securitytracker.com text/html	SECTRAK 1027753
About Secunia Research Flexera	secunia.com Deprecated Link text/plain	SECUNIA 51236
Microsoft Security Bulletin MS12-074 - Critical Microsoft Docs	docs.microsoft.com text/html	MS MS12-074
US-CERT Alert TA12-318A - Microsoft Updates for Multiple Vulnerabilities	US Government Resource	CERT TA12-318A

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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	1.0	sp3	All	All
Application	Microsoft	.net Framework	1.1	sp1	All	All
Application	Microsoft	.net Framework	2.0	sp2	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	1.0	sp3	All	All
Application	Microsoft	.net Framework	1.1	sp1	All	All
Application	Microsoft	.net Framework	2.0	sp2	All	All
Application	Microsoft	.net Framework	3.5.1	All	All	All
Application	Microsoft	.net Framework	4.0	All	All	All
Operating System	Microsoft	Windows 7	All	All	x64	All
Operating System	Microsoft	Windows 7	All	All	x86	All
Operating System	Microsoft	Windows 7	All	sp1	x64	All
Operating System	Microsoft	Windows 7	All	sp1	x86	All
Operating System	Microsoft	Windows 7	All	All	x64	All
Operating System	Microsoft	Windows 7	All	All	x86	All
Operating System	Microsoft	Windows 7	All	sp1	x64	All
Operating System	Microsoft	Windows 7	All	sp1	x86	All
Operating System	Microsoft	Windows Server 2003	All	sp2	All	All
Operating System	Microsoft	Windows Server 2003	All	sp2	All	All
Operating System	Microsoft	Windows Server 2008	All	r2	itanium	All

System						
Operating System	Microsoft	Windows Server 2008	All	r2	x64	All
Operating System	Microsoft	Windows Server 2008	All	sp2	itanium	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x64	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x86	All
Operating System	Microsoft	Windows Server 2008	All	r2	itanium	All
Operating System	Microsoft	Windows Server 2008	All	r2	x64	All
Operating System	Microsoft	Windows Server 2008	All	sp2	itanium	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x64	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x86	All
Operating System	Microsoft	Windows Vista	All	sp2	All	All
Operating System	Microsoft	Windows Vista	All	sp2	x64	All
Operating System	Microsoft	Windows Vista	All	sp2	All	All
Operating System	Microsoft	Windows Vista	All	sp2	x64	All
Operating System	Microsoft	Windows Xp	All	sp3	All	All
Operating System	Microsoft	Windows Xp	-	sp2	x64	All
Operating System	Microsoft	Windows Xp	2005	sp3	media_center	All
Operating System	Microsoft	Windows Xp	2005	sp3	tablet_pc	All
Operating System	Microsoft	Windows Xp	All	sp3	All	All
Operating System	Microsoft	Windows Xp	-	sp2	x64	All
Operating System	Microsoft	Windows Xp	2005	sp3	media_center	All
Operating System	Microsoft	Windows Xp	2005	sp3	tablet_pc	All
cpe:2.3:a:microsoft:.net_framework:1.0:sp3:*****:						
cpe:2.3:a:microsoft:.net_framework:1.1:sp1:*****:						

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

```
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:1.0:sp3:*:*:*:*:*:
```

cpe:2.3:a:microsoft:.net_framework:1.1:sp1:*:*:*:*:*:

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

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

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

```
cpe:2.3:o:microsoft:windows 7:*:*:x64:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows 7::x86:::~::~
```

```
cpe:2.3:o:microsoft:windows 7:*:sp1:x64:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_7:*:sp1:x86:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_7:*:*:x64:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_7:*:*:x86:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_7:*:sp1:x64:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_7:*:sp1:x86:*:*:*:*:
```

cpe:2.3:o:microsoft:windows_server_2003:*:sp2:*:*:*:*:*

```
cpe:2.3:o:microsoft:windows_server_2003:*:sp2:*:*:*:*:*
```

```
cpe:2.3:o:microsoft:windows_server_2008:*:r2:itanium:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:*:r2:x64:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:itanium:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x64:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x86:*:*:*:*:
```

cpe:2.3:o:microsoft:windows_server_2008:*:r2:itanium:*:*:*:*:

```
cpe:2.3:o:microsoft:windows_server_2008:*:r2:x64:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:itanium:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x64:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x86:*:*:*:*:
```

cpe:2.3:o:microsoft:windows_vista:*:sp2:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp2:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp2:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp2:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_xp:*:sp3:*:*:*:*:
cpe:2.3:o:microsoft:windows_xp:*:sp2:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_xp:2005:sp3:media_center:*:*:*:*:
cpe:2.3:o:microsoft:windows_xp:2005:sp3:tablet_pc:*:*:*:*:
cpe:2.3:o:microsoft:windows_xp:*:sp3:*:*:*:*:
cpe:2.3:o:microsoft:windows_xp:*:sp2:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_xp:2005:sp3:media_center:*:*:*:*:
cpe:2.3:o:microsoft:windows_xp:2005:sp3:tablet_pc:*:*:*:*:

No vendor comments have been submitted for this CVE

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