

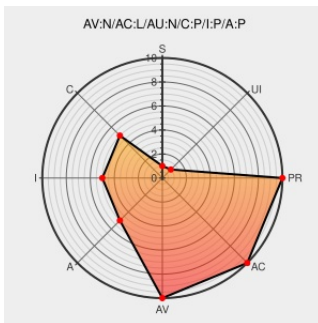


# CVE-2012-1910

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## CVE-2012-1910

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

Certain versions of [Bitcoin-qt](#) from [Bitcoin](#) contain the following vulnerability:

Bitcoin-Qt 0.5.0.x before 0.5.0.5; 0.5.1.x, 0.5.2.x, and 0.5.3.x before 0.5.3.1; and 0.6.x before 0.6.0rc4 on Windows does not use MinGW multithread-safe exception handling, which allows remote attackers to cause a denial of service (application crash) or possibly execute arbitrary code via crafted Bitcoin protocol messages.

CVE-2012-1910 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **7.5 - HIGH**

Access  
Vector

**NETWORK**

Access  
Complexity

**LOW**

Authentication

**NONE**

Confidentiality  
Impact

**PARTIAL**

Integrity  
Impact

**PARTIAL**

Availability  
Impact

**PARTIAL**

## CVE References

Description

Tags

Link

Fix Win32 RPC Crashes. ·  
bitcoin/bitcoin@8864019 ·  
GitHub

[Exploit](#)  
[Patch](#)  
[github.com](#)  
[text/html](#)

**CONFIRM**  
[github.com/bitcoin/bitcoin/commit/8864019f6d88b13d3442843d9e6ebeb8dd938831](https://github.com/bitcoin/bitcoin/commit/8864019f6d88b13d3442843d9e6ebeb8dd938831)

Common Vulnerabilities and  
Exposures - Bitcoin

[en.bitcoin.it](#)  
[text/html](#)

**CONFIRM** [en.bitcoin.it/wiki/CVEs](https://en.bitcoin.it/wiki/CVEs)

GavinTech: Full disclosure:  
Bitcoin-Qt on Windows  
vulnerability

[gavintech.blogspot.com](#)  
[text/html](#)

**CONFIRM** [gavintech.blogspot.com/2012/03/full-disclosure-bitcoin-qt-on-windows.html](https://gavintech.blogspot.com/2012/03/full-disclosure-bitcoin-qt-on-windows.html)

**No Description Provided**

[bitcointalk.org](#)  
[text/html](#)

**CONFIRM** [bitcointalk.org/index.php?topic=69120.0](https://bitcointalk.org/index.php?topic=69120.0)

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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                                      | Bitcoin   | Bitcoin-qt   | 0.5.0   | rc1    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin-qt   | 0.5.0.4 | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin-qt   | 0.5.1   | rc1    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin-qt   | 0.5.3.0 | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin-qt   | 0.5.0   | rc1    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin-qt   | 0.5.0.4 | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin-qt   | 0.5.1   | rc1    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin-qt   | 0.5.3.0 | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.5.0   | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.5.1   | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.5.2   | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.6.0   | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.6.0   | rc1    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.6.0   | rc3    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.5.0   | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.5.1   | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.5.2   | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.6.0   | All    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.6.0   | rc1    | All     | All      |
| Application                                      | Bitcoin   | Bitcoin Core | 0.6.0   | rc3    | All     | All      |
| Operating System                                 | Microsoft | Windows      | All     | All    | All     | All      |
| Operating System                                 | Microsoft | Windows      | All     | All    | All     | All      |
| cpe:2.3:a:bitcoin:bitcoin-qt:0.5.0:rc1:****:*:*: |           |              |         |        |         |          |
| cpe:2.3:a:bitcoin:bitcoin-qt:0.5.0.4:****:*:*:*: |           |              |         |        |         |          |
| cpe:2.3:a:bitcoin:bitcoin-qt:0.5.1:rc1:****:*:*: |           |              |         |        |         |          |
| cpe:2.3:a:bitcoin:bitcoin-qt:0.5.3.0:****:*:*:*: |           |              |         |        |         |          |

|                                                |
|------------------------------------------------|
| cpe:2.3:a:bitcoin:bitcoin-qt:0.5.0:rc1:****:   |
| cpe:2.3:a:bitcoin:bitcoin-qt:0.5.0.4:****:     |
| cpe:2.3:a:bitcoin:bitcoin-qt:0.5.1:rc1:****:   |
| cpe:2.3:a:bitcoin:bitcoin-qt:0.5.3.0:****:     |
| cpe:2.3:a:bitcoin:bitcoin_core:0.5.0:****:     |
| cpe:2.3:a:bitcoin:bitcoin_core:0.5.1:****:     |
| cpe:2.3:a:bitcoin:bitcoin_core:0.5.2:****:     |
| cpe:2.3:a:bitcoin:bitcoin_core:0.6.0:****:     |
| cpe:2.3:a:bitcoin:bitcoin_core:0.6.0:rc1:****: |
| cpe:2.3:a:bitcoin:bitcoin_core:0.6.0:rc3:****: |
| cpe:2.3:a:bitcoin:bitcoin_core:0.5.0:****:     |
| cpe:2.3:a:bitcoin:bitcoin_core:0.5.1:****:     |
| cpe:2.3:a:bitcoin:bitcoin_core:0.5.2:****:     |
| cpe:2.3:a:bitcoin:bitcoin_core:0.6.0:****:     |
| cpe:2.3:a:bitcoin:bitcoin_core:0.6.0:rc1:****: |
| cpe:2.3:a:bitcoin:bitcoin_core:0.6.0:rc3:****: |
| cpe:2.3:o:microsoft:windows:****:              |
| cpe:2.3:o:microsoft:windows:****:              |

No vendor comments have been submitted for this CVE

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