



# CVE-2012-5904

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

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2012-5904                                                                                                              |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | cve@mitre.org                                                                                                              |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2012-11-17 21:55:00 UTC                                                                                                    |
| <b>Updated</b>         | 2017-08-29 01:32:00 UTC                                                                                                    |
| <b>Description</b>     | Heap-based buffer overflow in IrfanView before 4.33 allows remote attackers to execute arbitrary code via a crafted RLE co |

## Risk And Classification

### Problem Types: CWE-119

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                    | Product                   | Version | Update | Edition | Language |
|-------------|---------------------------|---------------------------|---------|--------|---------|----------|
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.70    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.80    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.85    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.90    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.95    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.97    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.98    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.98a   | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.99    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.00    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.05    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.07    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.10    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.12    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.15    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.17    | All    | All     | All      |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.18    | All    | All     | All      |

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|-------------|---------------------------|---------------------------|------|-----|-----|-----|
|             |                           |                           |      |     |     |     |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.20 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.22 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.25 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.27 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.30 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.32 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.35 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.37 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.40 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.50 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.52 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.55 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.60 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.63 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.65 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.66 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.68 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.80 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.82 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.83 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.85 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.90 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.92 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.95 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.97 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.98 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.00 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.02 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.05 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.07 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.10 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.12 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.15 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.17 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.20 | All | All | All |

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|-------------|---------------------------|---------------------------|------|-----|-----|-----|
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.21 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.25 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.30 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.33 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.35 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.36 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.50 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.51 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.60 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.61 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.70 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.75 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.80 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.85 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.90 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.91 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.92 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.95 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.97 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.98 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.99 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.00 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.10 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.20 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.23 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.25 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.27 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.28 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.30 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.70 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.80 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.85 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.90 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.95 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.97 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.99 | All | All | All |

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| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.98  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.98a | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 1.99  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.00  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.05  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.07  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.10  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.12  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.15  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.17  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.18  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.20  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.22  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.25  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.27  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.30  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.32  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.35  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.37  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.40  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.50  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.52  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.55  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.60  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.63  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.65  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.66  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.68  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.80  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.82  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.83  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.85  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.90  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.92  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.95  | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.97  | All | All | All |

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|-------------|---------------------------|---------------------------|------|-----|-----|-----|
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 2.98 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.00 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.02 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.05 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.07 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.10 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.12 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.15 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.17 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.20 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.21 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.25 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.30 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.33 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.35 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.36 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.50 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.51 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.60 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.61 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.70 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.75 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.80 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.85 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.90 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.91 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.92 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.95 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.97 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.98 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 3.99 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.00 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.10 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.20 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.23 | All | All | All |

|             |                           |                           |      |     |     |     |
|-------------|---------------------------|---------------------------|------|-----|-----|-----|
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.25 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.27 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.28 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | 4.30 | All | All | All |
| Application | <a href="#">Irfanview</a> | <a href="#">Irfanview</a> | All  | All | All | All |

References

| Reference                                                                                | Source  | Link                                         | Tag |
|------------------------------------------------------------------------------------------|---------|----------------------------------------------|-----|
| Security Advisory SA47333 - IrfanView Multiple Buffer Overflow Vulnerabilities - Secunia | SECUNIA | <a href="#">secunia.com</a>                  | Ver |
| History of IrfanView changes/versions                                                    | CONFIRM | <a href="#">www.irfanview.com</a>            |     |
| IBM X-Force Exchange                                                                     | XF      | <a href="#">exchange.xforce.ibmcloud.com</a> |     |
| IrfanView Bitmap File Remote Heap Based Buffer Overflow Vulnerability                    | BID     | <a href="#">www.securityfocus.com</a>        |     |
| 80716                                                                                    | OSVDB   | <a href="#">osvdb.org</a>                    |     |
| CVE Program record                                                                       | CVE.ORG | <a href="#">www.cve.org</a>                  | can |
| NVD vulnerability detail                                                                 | NVD     | <a href="#">nvd.nist.gov</a>                 | can |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.