



# CVE-2023-31039

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

## Summary

|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2023-31039                                                                                                               |
| <b>State</b>           | PUBLIC                                                                                                                       |
| <b>Assigner</b>        | security@apache.org                                                                                                          |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                 |
| <b>Published</b>       | 2023-05-08 09:15:00 UTC                                                                                                      |
| <b>Updated</b>         | 2023-05-12 02:03:00 UTC                                                                                                      |
| <b>Description</b>     | Security vulnerability in Apache bRPC <1.5.0 on all platforms allows attackers to execute arbitrary code via ServerOptions:: |

## Risk And Classification

**Problem Types:** CWE-20

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                 | Product              | Version | Update | Edition | Language |
|-------------|------------------------|----------------------|---------|--------|---------|----------|
| Application | <a href="#">Apache</a> | <a href="#">Brpc</a> | All     | All    | All     | All      |

## References

| Reference                                                                                             | Source  | Link                                                                                            |
|-------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------|
| oss-security - CVE-2023-31039: Apache bRPC: ServerOptions.pid_file may cause arbitrary code execution | MISC    | <a href="https://www.openwall.com/lists/oss-security/2023/05/08/1">www.openwall.com</a>         |
| lists.apache.org/thread/jqpitrqbc38yhckgp67xk399hqxnz7jn                                              | MISC    | <a href="https://lists.apache.org/thread/jqpitrqbc38yhckgp67xk399hqxnz7jn">lists.apache.org</a> |
| CVE Program record                                                                                    | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                                                   |
| NVD vulnerability detail                                                                              | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                                                 |

No vendor comments have been submitted for this CVE.

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

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**Free CVE JSON API** [cve.report/api](https://cve.report/api)

**CVE.report and Source URL Uptime Status** [status.cve.report](https://status.cve.report)