



# CVE-2017-6729

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

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-6729                                                                                                              |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | psirt@cisco.com                                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2017-07-10 20:29:00 UTC                                                                                                    |
| <b>Updated</b>         | 2019-10-03 00:03:00 UTC                                                                                                    |
| <b>Description</b>     | A vulnerability in the Border Gateway Protocol (BGP) processing functionality of the Cisco StarOS operating system for Cis |

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                | Product                           | Version      | Update | Edition | Language |
|-------------|-----------------------|-----------------------------------|--------------|--------|---------|----------|
| Hardware    | <a href="#">Cisco</a> | <a href="#">Asr 5000</a>          | -            | All    | All     | All      |
| Hardware    | <a href="#">Cisco</a> | <a href="#">Asr 5000</a>          | -            | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 16.4.1       | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 16.5.0       | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 16.5.2       | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 17.2.0       | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 17.2.0.59184 | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 17.3.0       | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 17.3.1       | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 17.3.9.62033 | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 17.3_base    | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 17.7.0       | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 17.7.5       | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 18.0.0       | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 18.0.0.57828 | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 18.0.0.59167 | All    | All     | All      |
| Application | <a href="#">Cisco</a> | <a href="#">Asr 5000 Software</a> | 18.0.0.59211 | All    | All     | All      |

|             |       |                   |                |     |     |     |
|-------------|-------|-------------------|----------------|-----|-----|-----|
|             |       |                   |                |     |     |     |
| Application | Cisco | Asr 5000 Software | 18.0.10.59219  | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.1.0         | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.1.0.59776   | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.1.0.59780   | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.1_base      | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.3.0         | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.3_base      | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.4.0         | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.0.1         | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.0.m0.60737  | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.0.m0.60828  | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.0.m0.61045  | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.1.0         | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.1.0.61559   | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.2.0         | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.3.0         | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.6.3         | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.6_base      | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.0         | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.1.0       | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.1.a0      | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.1.v0      | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.2.3       | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.2.3.65026 | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.2.v1      | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.m0.62842  | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.m0.63229  | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.v0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.1.v2        | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.1_base      | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.2.12        | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.2_base      | All | All | All |
| Application | Cisco | Asr 5000 Software | 21.0.0         | All | All | All |
| Application | Cisco | Asr 5000 Software | 21.0.v1        | All | All | All |
| Application | Cisco | Asr 5000 Software | 21.0_base      | All | All | All |

|             |       |                   |               |     |     |     |
|-------------|-------|-------------------|---------------|-----|-----|-----|
| Application | Cisco | Asr 5000 Software | 21.0_m0.64246 | All | All | All |
| Application | Cisco | Asr 5000 Software | 21.0_m0.64702 | All | All | All |
| Application | Cisco | Asr 5000 Software | 16.4.1        | All | All | All |
| Application | Cisco | Asr 5000 Software | 16.5.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 16.5.2        | All | All | All |
| Application | Cisco | Asr 5000 Software | 17.2.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 17.2.0.59184  | All | All | All |
| Application | Cisco | Asr 5000 Software | 17.3.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 17.3.1        | All | All | All |
| Application | Cisco | Asr 5000 Software | 17.3.9.62033  | All | All | All |
| Application | Cisco | Asr 5000 Software | 17.3_base     | All | All | All |
| Application | Cisco | Asr 5000 Software | 17.7.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 17.7.5        | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.0.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.0.0.57828  | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.0.0.59167  | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.0.0.59211  | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.0.10.59219 | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.1.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.1.0.59776  | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.1.0.59780  | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.1_base     | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.3.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.3_base     | All | All | All |
| Application | Cisco | Asr 5000 Software | 18.4.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.0.1        | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.0.m0.60737 | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.0.m0.60828 | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.0.m0.61045 | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.1.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.1.0.61559  | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.2.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.3.0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.6.3        | All | All | All |
| Application | Cisco | Asr 5000 Software | 19.6_base     | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.0        | All | All | All |

|             |       |                   |                |     |     |     |
|-------------|-------|-------------------|----------------|-----|-----|-----|
| Application | Cisco | Asr 5000 Software | 20.0.0         | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.1.0       | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.1.a0      | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.1.v0      | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.2.3       | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.2.3.65026 | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.2.v1      | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.m0.62842  | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.m0.63229  | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.0.v0        | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.1.v2        | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.1_base      | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.2.12        | All | All | All |
| Application | Cisco | Asr 5000 Software | 20.2_base      | All | All | All |
| Application | Cisco | Asr 5000 Software | 21.0.0         | All | All | All |
| Application | Cisco | Asr 5000 Software | 21.0.v1        | All | All | All |
| Application | Cisco | Asr 5000 Software | 21.0_base      | All | All | All |
| Application | Cisco | Asr 5000 Software | 21.0_m0.64246  | All | All | All |
| Application | Cisco | Asr 5000 Software | 21.0_m0.64702  | All | All | All |

References

| Reference                                                                                                                       | S |
|---------------------------------------------------------------------------------------------------------------------------------|---|
| Cisco StarOS Border Gateway Protocol Process Denial of Service Vulnerability                                                    | C |
| Cisco StarOS CVE-2017-6729 Remote Denial of Service Vulnerability                                                               | B |
| Cisco ASR 5000 Series Routers StarOS BGP Processing Flaw Lets Remote Users Cause the Target Service to Reload - SecurityTracker | S |
| CVE Program record                                                                                                              | C |
| NVD vulnerability detail                                                                                                        | N |

No vendor comments have been submitted for this CVE.

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

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