



CVE-2020-3165

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2020-3165 |
| State | PUBLIC |
| Assigner | psirt@cisco.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2020-02-26 17:15:00 UTC |
| Updated | 2020-03-04 16:29:00 UTC |
| Description | A vulnerability in the implementation of Border Gateway Protocol (BGP) Message Digest 5 (MD5) authentication in Cisco N |

Risk And Classification

Problem Types: CWE-798

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|----------|--------|-----------------|---------|--------|---------|----------|
| Hardware | Cisco | Nexus 3016 | - | All | All | All |
| Hardware | Cisco | Nexus 3016 | - | All | All | All |
| Hardware | Cisco | Nexus 3048 | - | All | All | All |
| Hardware | Cisco | Nexus 3048 | - | All | All | All |
| Hardware | Cisco | Nexus 3064 | - | All | All | All |
| Hardware | Cisco | Nexus 3064 | - | All | All | All |
| Hardware | Cisco | Nexus 3064-t | - | All | All | All |
| Hardware | Cisco | Nexus 3064-t | - | All | All | All |
| Hardware | Cisco | Nexus 31108pc-v | - | All | All | All |
| Hardware | Cisco | Nexus 31108pc-v | - | All | All | All |
| Hardware | Cisco | Nexus 31108tc-v | - | All | All | All |
| Hardware | Cisco | Nexus 31108tc-v | - | All | All | All |
| Hardware | Cisco | Nexus 31128pq | - | All | All | All |
| Hardware | Cisco | Nexus 31128pq | - | All | All | All |
| Hardware | Cisco | Nexus 3132c-z | - | All | All | All |
| Hardware | Cisco | Nexus 3132c-z | - | All | All | All |
| Hardware | Cisco | Nexus 3132q | - | All | All | All |

| | | | | | | |
|----------|-------|------------------|---|-----|-----|-----|
| Hardware | Cisco | Nexus 3132q | - | All | All | All |
| Hardware | Cisco | Nexus 3132q-v | - | All | All | All |
| Hardware | Cisco | Nexus 3132q-v | - | All | All | All |
| Hardware | Cisco | Nexus 3132q-xl | - | All | All | All |
| Hardware | Cisco | Nexus 3132q-xl | - | All | All | All |
| Hardware | Cisco | Nexus 3164q | - | All | All | All |
| Hardware | Cisco | Nexus 3164q | - | All | All | All |
| Hardware | Cisco | Nexus 3172 | - | All | All | All |
| Hardware | Cisco | Nexus 3172 | - | All | All | All |
| Hardware | Cisco | Nexus 3172pq-xl | - | All | All | All |
| Hardware | Cisco | Nexus 3172pq-xl | - | All | All | All |
| Hardware | Cisco | Nexus 3172tq | - | All | All | All |
| Hardware | Cisco | Nexus 3172tq | - | All | All | All |
| Hardware | Cisco | Nexus 3172tq-32t | - | All | All | All |
| Hardware | Cisco | Nexus 3172tq-32t | - | All | All | All |
| Hardware | Cisco | Nexus 3172tq-xl | - | All | All | All |
| Hardware | Cisco | Nexus 3172tq-xl | - | All | All | All |
| Hardware | Cisco | Nexus 3232c | - | All | All | All |
| Hardware | Cisco | Nexus 3232c | - | All | All | All |
| Hardware | Cisco | Nexus 3264c-e | - | All | All | All |
| Hardware | Cisco | Nexus 3264c-e | - | All | All | All |
| Hardware | Cisco | Nexus 3264q | - | All | All | All |
| Hardware | Cisco | Nexus 3264q | - | All | All | All |
| Hardware | Cisco | Nexus 3408-s | - | All | All | All |
| Hardware | Cisco | Nexus 3408-s | - | All | All | All |
| Hardware | Cisco | Nexus 34180yc | - | All | All | All |
| Hardware | Cisco | Nexus 34180yc | - | All | All | All |
| Hardware | Cisco | Nexus 3432d-s | - | All | All | All |
| Hardware | Cisco | Nexus 3432d-s | - | All | All | All |
| Hardware | Cisco | Nexus 3464c | - | All | All | All |
| Hardware | Cisco | Nexus 3464c | - | All | All | All |
| Hardware | Cisco | Nexus 3524 | - | All | All | All |
| Hardware | Cisco | Nexus 3524 | - | All | All | All |
| Hardware | Cisco | Nexus 3524-x | - | All | All | All |
| Hardware | Cisco | Nexus 3524-x | - | All | All | All |

| | | | | | | |
|----------|-------|------------------|---|-----|-----|-----|
| Hardware | Cisco | Nexus 3524-xl | - | All | All | All |
| Hardware | Cisco | Nexus 3524-xl | - | All | All | All |
| Hardware | Cisco | Nexus 3548 | - | All | All | All |
| Hardware | Cisco | Nexus 3548 | - | All | All | All |
| Hardware | Cisco | Nexus 3548-x | - | All | All | All |
| Hardware | Cisco | Nexus 3548-x | - | All | All | All |
| Hardware | Cisco | Nexus 3548-xl | - | All | All | All |
| Hardware | Cisco | Nexus 3548-xl | - | All | All | All |
| Hardware | Cisco | Nexus 36180yc-r | - | All | All | All |
| Hardware | Cisco | Nexus 36180yc-r | - | All | All | All |
| Hardware | Cisco | Nexus 3636c-r | - | All | All | All |
| Hardware | Cisco | Nexus 3636c-r | - | All | All | All |
| Hardware | Cisco | Nexus 9000v | - | All | All | All |
| Hardware | Cisco | Nexus 9000v | - | All | All | All |
| Hardware | Cisco | Nexus 92160yc-x | - | All | All | All |
| Hardware | Cisco | Nexus 92160yc-x | - | All | All | All |
| Hardware | Cisco | Nexus 92300yc | - | All | All | All |
| Hardware | Cisco | Nexus 92300yc | - | All | All | All |
| Hardware | Cisco | Nexus 92304qc | - | All | All | All |
| Hardware | Cisco | Nexus 92304qc | - | All | All | All |
| Hardware | Cisco | Nexus 92348gc-x | - | All | All | All |
| Hardware | Cisco | Nexus 92348gc-x | - | All | All | All |
| Hardware | Cisco | Nexus 9236c | - | All | All | All |
| Hardware | Cisco | Nexus 9236c | - | All | All | All |
| Hardware | Cisco | Nexus 9272q | - | All | All | All |
| Hardware | Cisco | Nexus 9272q | - | All | All | All |
| Hardware | Cisco | Nexus 93108tc-ex | - | All | All | All |
| Hardware | Cisco | Nexus 93108tc-ex | - | All | All | All |
| Hardware | Cisco | Nexus 93108tc-fx | - | All | All | All |
| Hardware | Cisco | Nexus 93108tc-fx | - | All | All | All |
| Hardware | Cisco | Nexus 93120tx | - | All | All | All |
| Hardware | Cisco | Nexus 93120tx | - | All | All | All |
| Hardware | Cisco | Nexus 93128tx | - | All | All | All |
| Hardware | Cisco | Nexus 93128tx | - | All | All | All |
| Hardware | Cisco | Nexus 93180lc-ex | - | All | All | All |

| | | | | | | |
|----------|-------|------------------------|---|-----|-----|-----|
| Hardware | Cisco | Nexus 93180lc-ex | - | All | All | All |
| Hardware | Cisco | Nexus 93180yc-ex | - | All | All | All |
| Hardware | Cisco | Nexus 93180yc-ex | - | All | All | All |
| Hardware | Cisco | Nexus 93180yc-fx | - | All | All | All |
| Hardware | Cisco | Nexus 93180yc-fx | - | All | All | All |
| Hardware | Cisco | Nexus 93216tc-fx2 | - | All | All | All |
| Hardware | Cisco | Nexus 93216tc-fx2 | - | All | All | All |
| Hardware | Cisco | Nexus 93240yc-fx2 | - | All | All | All |
| Hardware | Cisco | Nexus 93240yc-fx2 | - | All | All | All |
| Hardware | Cisco | Nexus 9332c | - | All | All | All |
| Hardware | Cisco | Nexus 9332c | - | All | All | All |
| Hardware | Cisco | Nexus 9332pq | - | All | All | All |
| Hardware | Cisco | Nexus 9332pq | - | All | All | All |
| Hardware | Cisco | Nexus 93360yc-fx2 | - | All | All | All |
| Hardware | Cisco | Nexus 93360yc-fx2 | - | All | All | All |
| Hardware | Cisco | Nexus 9336c-fx2 | - | All | All | All |
| Hardware | Cisco | Nexus 9336c-fx2 | - | All | All | All |
| Hardware | Cisco | Nexus 9336pq Aci Spine | - | All | All | All |
| Hardware | Cisco | Nexus 9336pq Aci Spine | - | All | All | All |
| Hardware | Cisco | Nexus 9348gc-fxp | - | All | All | All |
| Hardware | Cisco | Nexus 9348gc-fxp | - | All | All | All |
| Hardware | Cisco | Nexus 9364c | - | All | All | All |
| Hardware | Cisco | Nexus 9364c | - | All | All | All |
| Hardware | Cisco | Nexus 9372px | - | All | All | All |
| Hardware | Cisco | Nexus 9372px | - | All | All | All |
| Hardware | Cisco | Nexus 9372px-e | - | All | All | All |
| Hardware | Cisco | Nexus 9372px-e | - | All | All | All |
| Hardware | Cisco | Nexus 9372tx | - | All | All | All |
| Hardware | Cisco | Nexus 9372tx | - | All | All | All |
| Hardware | Cisco | Nexus 9372tx-e | - | All | All | All |
| Hardware | Cisco | Nexus 9372tx-e | - | All | All | All |
| Hardware | Cisco | Nexus 9396px | - | All | All | All |
| Hardware | Cisco | Nexus 9396px | - | All | All | All |
| Hardware | Cisco | Nexus 9396tx | - | All | All | All |
| Hardware | Cisco | Nexus 9396tx | - | All | All | All |
| Hardware | Cisco | Nexus 9504 | - | All | All | All |

| | | | | | | |
|------------------|-------|------------|-------|-----|-----|-----|
| Hardware | Cisco | Nexus 9504 | - | All | All | All |
| Hardware | Cisco | Nexus 9508 | - | All | All | All |
| Hardware | Cisco | Nexus 9508 | - | All | All | All |
| Hardware | Cisco | Nexus 9516 | - | All | All | All |
| Hardware | Cisco | Nexus 9516 | - | All | All | All |
| Operating System | Cisco | Nx-os | 9.2\1 | All | All | All |
| Operating System | Cisco | Nx-os | 9.2\2 | All | All | All |
| Operating System | Cisco | Nx-os | 9.2\3 | All | All | All |
| Operating System | Cisco | Nx-os | 9.3\1 | All | All | All |
| Operating System | Cisco | Nx-os | 9.2\1 | All | All | All |
| Operating System | Cisco | Nx-os | 9.2\2 | All | All | All |
| Operating System | Cisco | Nx-os | 9.2\3 | All | All | All |
| Operating System | Cisco | Nx-os | 9.3\1 | All | All | All |

References

| Reference | Source | Link | Tags |
|--|---------|---|-------------------|
| Cisco NX-OS Software Border Gateway Protocol MD5 Authentication Bypass Vulnerability | CISCO | tools.cisco.com | Vendor Advisory |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analys |

No vendor comments have been submitted for this CVE.

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

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org). This site includes MITRE data granted under the following [license](https://www.mitre.org).

CVE.report and Source URL Uptime Status status.cve.report