



# CVE-2016-6366

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2016-6366   |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | psirt@cisco.com   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2016-08-18 18:59:00 UTC   |
| <b>Updated</b>         | 2023-08-15 14:52:00 UTC   |
| <b>Description</b>     | Buffer overflow in Cisco Adaptive Security Appliance (ASA) Software through 9.4.2.3 on ASA 5500, ASA 5500-X, ASA Serv |

## Risk And Classification

**EPSS:** 0.913890000 probability, percentile 0.996550000 (date 2026-04-01)

**CISA KEV:** Listed on 2022-05-24; due 2022-06-14; ransomware use Unknown

**Problem Types:** CWE-119

## CISA Known Exploited Vulnerability

|                        |   |
|------------------------|---|
| <b>Vendor</b>          | Cisco   |
| <b>Product</b>         | Adaptive Security Appliance (ASA)   |
| <b>Name</b>            | Cisco Adaptive Security Appliance (ASA) SNMP Buffer Overflow Vulnerability                                  |
| <b>Required Action</b> | Apply updates per vendor instructions.  |
| <b>Notes</b>           | <a href="https://nvd.nist.gov/vuln/detail/CVE-2016-6366">https://nvd.nist.gov/vuln/detail/CVE-2016-6366</a> |

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product  | Version  | Update | Edition | Language |
|-------------|--------|--|----------|--------|---------|----------|
| Application | Cisco  | <a href="#">Adaptive Security Appliance Software</a> | 7.0.1    | All    | All     | All      |
| Application | Cisco  | <a href="#">Adaptive Security Appliance Software</a> | 7.0.1.4  | All    | All     | All      |
| Application | Cisco  | <a href="#">Adaptive Security Appliance Software</a> | 7.0.2    | All    | All     | All      |
| Application | Cisco  | <a href="#">Adaptive Security Appliance Software</a> | 7.0.3    | All    | All     | All      |
| Application | Cisco  | <a href="#">Adaptive Security Appliance Software</a> | 7.0.4    | All    | All     | All      |
| Application | Cisco  | <a href="#">Adaptive Security Appliance Software</a> | 7.0.4.2  | All    | All     | All      |
| Application | Cisco  | <a href="#">Adaptive Security Appliance Software</a> | 7.0.5    | All    | All     | All      |
| Application | Cisco  | <a href="#">Adaptive Security Appliance Software</a> | 7.0.5.12 | All    | All     | All      |















|                  |       |                                      |            |     |     |     |
|------------------|-------|--------------------------------------|------------|-----|-----|-----|
| Application      | Cisco | Adaptive Security Appliance Software | 9.2.3      | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.2.3.3    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.2.3.4    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.2.4      | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.2.4.2    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.2.4.4    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.2\0.0\   | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.2\0.104\ | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.2\3.1\   | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3(1.105) | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3(1.50)  | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3(2.100) | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3(2.243) | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3.1      | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3.1.1    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3.2      | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3.2.2    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3.3      | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3.3.1    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3.3.2    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3.3.5    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3.3.6    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3.5      | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3\1.105\ | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3\1.50\  | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3\2.100\ | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.3\2.243\ | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.4.0.115  | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.4.1      | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.4.1.1    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.4.1.2    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.4.1.3    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.4.1.5    | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.4.2      | All | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 9.4.2.3    | All | All | All |
| Operating System | Cisco | Adaptive Security Appliance Software | 7.0.1      | All | All | All |





















|             |       |                                      |           |     |     |     |
|-------------|-------|--------------------------------------|-----------|-----|-----|-----|
| Application | Cisco | Adaptive Security Appliance Software | 7.2.5.7   | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2.5.8   | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.1.2   | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.2     | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.2.11  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.2.15  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.3     | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.3.12  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.3.19  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.3.6   | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.4     | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.4.16  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.4.23  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.4.25  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.4.28  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.4.3   | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.4.31  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.4.32  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.4.33  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.4.9   | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.5     | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.5.20  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.5.23  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.5.25  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.5.27  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.5.28  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.0.5.31  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.1.0.104 | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.1.1     | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.1.1.6   | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.1.2     | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.1.2.13  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.1.2.15  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.1.2.16  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 8.1.2.19  | All | All | All |









|             |       |                                      |            |     |     |     |
|-------------|-------|--------------------------------------|------------|-----|-----|-----|
| Application | Cisco | Adaptive Security Appliance Software | 9.2.2      | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2.2.4    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2.2.7    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2.2.8    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2.3      | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2.3.3    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2.3.4    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2.4      | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2.4.2    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2.4.4    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2\0.0\   | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2\0.104\ | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.2\3.1\   | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3.1      | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3.1.1    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3.2      | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3.2.2    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3.3      | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3.3.1    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3.3.2    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3.3.5    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3.3.6    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3.5      | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3\1.105\ | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3\1.50\  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3\2.100\ | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.3\2.243\ | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.4.0.115  | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.4.1      | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.4.1.1    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.4.1.2    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.4.1.3    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.4.1.5    | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.4.2      | All | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 9.4.2.3    | All | All | All |

|                  |       |                                     |           |     |     |     |
|------------------|-------|-------------------------------------|-----------|-----|-----|-----|
| Operating System | Cisco | Asa 1000v Cloud Firewall Software   | 8.7.1     | All | All | All |
| Operating System | Cisco | Asa 1000v Cloud Firewall Software   | 8.7.1.1   | All | All | All |
| Operating System | Cisco | Asa 1000v Cloud Firewall Software   | 8.7.1     | All | All | All |
| Operating System | Cisco | Asa 1000v Cloud Firewall Software   | 8.7.1.1   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.0     | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1     | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.1   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.2   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.3   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.4   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.5   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.6   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.7   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.0     | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1     | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.1   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.2   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.3   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.4   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.5   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.6   | All | All | All |
| Application      | Cisco | Firepower Services Software For Asa | 5.4.1.7   | All | All | All |
| Application      | Cisco | Firepower Threat Defense Software   | 6.0.0     | All | All | All |
| Application      | Cisco | Firepower Threat Defense Software   | 6.0.1     | All | All | All |
| Application      | Cisco | Firepower Threat Defense Software   | 6.0.0     | All | All | All |
| Application      | Cisco | Firepower Threat Defense Software   | 6.0.1     | All | All | All |
| Operating System | Cisco | Pix Firewall                        | 501_base  | All | All | All |
| Operating System | Cisco | Pix Firewall                        | 506_base  | All | All | All |
| Operating System | Cisco | Pix Firewall                        | 515e_base | All | All | All |
| Operating System | Cisco | Pix Firewall                        | 515_base  | All | All | All |
| Operating System | Cisco | Pix Firewall                        | 520_base  | All | All | All |
| Operating System | Cisco | Pix Firewall                        | 525_6.3   | All | All | All |
| Operating System | Cisco | Pix Firewall                        | 525_base  | All | All | All |
| Operating System | Cisco | Pix Firewall                        | 535_base  | All | All | All |
| Operating System | Cisco | Pix Firewall                        | base      | All | All | All |
| Operating System | Cisco | Pix Firewall                        | 501_base  | All | All | All |

|                  |       |              |           |     |     |     |
|------------------|-------|--------------|-----------|-----|-----|-----|
| Operating System | Cisco | Pix Firewall | 501_base  | All | All | All |
| Operating System | Cisco | Pix Firewall | 506_base  | All | All | All |
| Operating System | Cisco | Pix Firewall | 515e_base | All | All | All |
| Operating System | Cisco | Pix Firewall | 515_base  | All | All | All |
| Operating System | Cisco | Pix Firewall | 520_base  | All | All | All |
| Operating System | Cisco | Pix Firewall | 525_6.3   | All | All | All |
| Operating System | Cisco | Pix Firewall | 525_base  | All | All | All |
| Operating System | Cisco | Pix Firewall | 535_base  | All | All | All |
| Operating System | Cisco | Pix Firewall | base      | All | All | All |

## References

| Reference   | Source     | Link                        |
|---|------------|-----------------------------|
| zerosum0x0: Reverse Engineering Cisco ASA for EXTRABACON Offsets  | MISC       | <a href="#">zerosum0</a>    |
| Cisco ASA 8.x - 'EXTRABACON' Authentication Bypass - Hardware remote Exploit                              | EXPLOIT-DB | <a href="#">www.exploit</a> |
| The Shadow Brokers EPICBANANA and EXTRABACON Exploits   | CONFIRM    | <a href="#">blogs.cisco</a> |
| Cisco Adaptive Security Appliance SNMP Remote Code Execution Vulnerability                                | CISCO      | <a href="#">tools.cisco</a> |
| Cisco Adaptive Security Appliance Products CVE-2016-6366 Buffer Overflow Vulnerability                    | BID        | <a href="#">www.secu</a>    |
| Cisco Event Response: Cisco ASA and IOS Vulnerabilities   | CONFIRM    | <a href="#">tools.cisco</a> |
| Cisco ASA SNMP Buffer Overflow Lets Remote Users Deny Service or Execute Arbitrary Code - SecurityTracker | SECTRACK   | <a href="#">www.secu</a>    |
| Page not found · GitHub · GitHub  | MISC       | <a href="#">github.com</a>  |
| CVE Program record  | CVE.ORG    | <a href="#">www.cve.o</a>   |
| NVD vulnerability detail  | NVD        | <a href="#">nvd.nist.g</a>  |
| CISA Known Exploited Vulnerabilities catalog  | CISA       | <a href="#">www.cisa.</a>   |

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](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**