



# CVE-2010-4678

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

## Summary

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2010-4678                                                                                                             |
| <b>State</b>           | PUBLIC                                                                                                                    |
| <b>Assigner</b>        | cve@mitre.org                                                                                                             |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                              |
| <b>Published</b>       | 2011-01-07 12:00:00 UTC                                                                                                   |
| <b>Updated</b>         | 2023-08-11 19:03:00 UTC                                                                                                   |
| <b>Description</b>     | Cisco Adaptive Security Appliances (ASA) 5500 series devices with software before 8.2(3) permit packets to pass before th |

## Risk And Classification

### Problem Types: CWE-264

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product                                 | Version  | Update | Edition | Language |
|-------------|--------|-----------------------------------------|----------|--------|---------|----------|
| Hardware    | Cisco  | 5500 Series Adaptive Security Appliance | All      | All    | All     | All      |
| Hardware    | Cisco  | 5500 Series Adaptive Security Appliance | All      | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0      | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0(0)   | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0(2)   | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0(4)   | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0(5)   | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0(5.2) | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0(6.7) | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0.1    | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0.1.4  | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0.2    | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0.4    | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0.4.3  | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0.5    | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0.6    | All    | All     | All      |
| Application | Cisco  | Adaptive Security Appliance Software    | 7.0.7    | All    | All     | All      |

|             |       |                                      |           |         |     |     |
|-------------|-------|--------------------------------------|-----------|---------|-----|-----|
|             |       |                                      |           |         |     |     |
| Application | Cisco | Adaptive Security Appliance Software | 7.0.8     | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.0.8     | interim | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.0\0\    | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.0\2\    | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.0\4\    | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.0\5.2\  | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.0\5\    | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.0\6.7\  | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1       | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1(2)    | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1(2.27) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1(2.48) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1(2.49) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1(2.5)  | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1(5)    | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1.1     | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1.2     | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1\2.27\ | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1\2.48\ | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1\2.49\ | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1\2.5\  | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1\2\    | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.1\5\    | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2       | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(1)    | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(1.22) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(2)    | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(2.10) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(2.14) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(2.15) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(2.16) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(2.17) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(2.18) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(2.19) | All     | All | All |
| Application | Cisco | Adaptive Security Appliance Software | 7.2(2.48) | All     | All | All |

|                  |       |                                      |           |         |     |     |
|------------------|-------|--------------------------------------|-----------|---------|-----|-----|
| Application      | Cisco | Adaptive Security Appliance Software | 7.2(2.5)  | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2(2.7)  | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2(2.8)  | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2.1     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2.2     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2.3     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2.4     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2.5     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\1.22\ | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\1\    | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.10\ | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.14\ | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.15\ | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.16\ | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.17\ | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.18\ | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.19\ | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.48\ | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.5\  | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.7\  | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2.8\  | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.2\2\    | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 8.0       | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 8.0.2     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 8.0.3     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 8.0.4     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 8.0.5     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 8.2(1)    | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 8.2.1     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 8.2.2     | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 8.2.2     | interim | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 8.2\1\    | All     | All | All |
| Operating System | Cisco | Adaptive Security Appliance Software | 7.0       | All     | All | All |
| Operating System | Cisco | Adaptive Security Appliance Software | 7.0.1     | All     | All | All |
| Operating System | Cisco | Adaptive Security Appliance Software | 7.0.1.4   | All     | All | All |
| Application      | Cisco | Adaptive Security Appliance Software | 7.0.0     | All     | All | All |

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|                  |       |                                                      |           |         |     |     |
|------------------|-------|------------------------------------------------------|-----------|---------|-----|-----|
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.2\2.18\ | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.2\2.19\ | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.2\2.48\ | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.2\2.5\  | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.2\2.7\  | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.2\2.8\  | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.2\2\    | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 8.0       | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 8.0.2     | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 8.0.3     | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 8.0.4     | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 8.0.5     | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 8.2.1     | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 8.2.2     | All     | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 8.2.2     | interim | All | All |
| Operating System | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 8.2\1\    | All     | All | All |
| Application      | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.0       | All     | All | All |
| 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> | 7.0.4     | All     | All | All |
| Application      | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.0.4.3   | 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> | 7.0.6     | All     | All | All |
| Application      | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.0.7     | All     | All | All |
| Application      | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.0.8     | All     | All | All |
| Application      | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.0.8     | interim | All | All |
| Application      | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.0\0\    | 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\4\    | All     | All | All |
| Application      | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.0\5.2\  | 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\6.7\  | All     | All | All |
| Application      | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.1       | All     | All | All |
| Application      | Cisco | <a href="#">Adaptive Security Appliance Software</a> | 7.1.1     | All     | All | All |



