



# CVE-2001-1431

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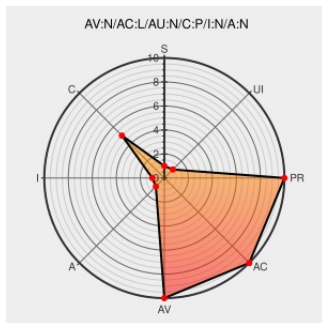
## CVE-2001-1431

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

[Print: PDF](#)



Certain versions of [Firewall-1](#) from [Checkpoint](#) contain the following vulnerability:

Nokia Firewall Appliances running IPSO 3.3 and VPN-1/FireWall-1 4.1 Service Pack 3, IPSO 3.4 and VPN-1/FireWall-1 4.1 Service Pack 4, and IPSO 3.4 or IPSO 3.4.1 and VPN-1/FireWall-1 4.1 Service Pack 5, when SYN Defender is configured in Active Gateway mode, does not properly rewrite the third packet of a TCP three-way handshake to use the NAT IP address, which allows remote attackers to gain sensitive information.

CVE-2001-1431 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability

CVSS2 Score: **5 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>NONE</b>       | <b>NONE</b>         |

## CVE References

| Description                          | Tags                                                                                                                        | Link                                                    |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| CERT/CC Vulnerability Note VU#258731 | <a href="#">US Government Resource</a><br><a href="http://www.kb.cert.org">www.kb.cert.org</a><br><a href="#">text/html</a> | <a href="#">CERT-VN VU#258731</a>                       |
| IBM X-Force Exchange                 | <a href="https://exchange.xforce.ibmcloud.com">exchange.xforce.ibmcloud.com</a><br><a href="#">text/html</a>                | <a href="#">XF nokia-cp-packet-retransmission(8293)</a> |

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There are currently no QIDs associated with this CVE

### Known Affected Configurations (CPE V2.3)

| Type                                                                                         | Vendor     | Product            | Version   | Update | Edition | Language |
|----------------------------------------------------------------------------------------------|------------|--------------------|-----------|--------|---------|----------|
| Application                                                                                  | Checkpoint | Firewall-1         | 4.1       | sp3    | All     | All      |
| Application                                                                                  | Checkpoint | Firewall-1         | 4.1       | sp4    | All     | All      |
| Application                                                                                  | Checkpoint | Firewall-1         | 4.1       | sp5    | All     | All      |
| Application                                                                                  | Checkpoint | Firewall-1         | 4.1       | sp3    | All     | All      |
| Application                                                                                  | Checkpoint | Firewall-1         | 4.1       | sp4    | All     | All      |
| Application                                                                                  | Checkpoint | Firewall-1         | 4.1       | sp5    | All     | All      |
| Application                                                                                  | Checkpoint | Vpn-1              | 4.1       | sp3    | All     | All      |
| Application                                                                                  | Checkpoint | Vpn-1              | 4.1       | sp4    | All     | All      |
| Application                                                                                  | Checkpoint | Vpn-1              | 4.1       | sp3    | All     | All      |
| Application                                                                                  | Checkpoint | Vpn-1              | 4.1       | sp4    | All     | All      |
| Hardware    | Nokia      | Firewall Appliance | ipso_3.3  | All    | All     | All      |
| Hardware   | Nokia      | Firewall Appliance | ipso_3.4  | All    | All     | All      |
| Hardware  | Nokia      | Firewall Appliance | ipso_3.41 | All    | All     | All      |
| Hardware  | Nokia      | Firewall Appliance | ipso_3.3  | All    | All     | All      |
| Hardware  | Nokia      | Firewall Appliance | ipso_3.4  | All    | All     | All      |
| Hardware  | Nokia      | Firewall Appliance | ipso_3.41 | All    | All     | All      |
| cpe:2.3:a:checkpoint:firewall-1:4.1:sp3:*****:                                               |            |                    |           |        |         |          |
| cpe:2.3:a:checkpoint:firewall-1:4.1:sp4:*****:                                               |            |                    |           |        |         |          |
| cpe:2.3:a:checkpoint:firewall-1:4.1:sp5:*****:                                               |            |                    |           |        |         |          |
| cpe:2.3:a:checkpoint:firewall-1:4.1:sp3:*****:                                               |            |                    |           |        |         |          |
| cpe:2.3:a:checkpoint:firewall-1:4.1:sp4:*****:                                               |            |                    |           |        |         |          |
| cpe:2.3:a:checkpoint:firewall-1:4.1:sp5:*****:                                               |            |                    |           |        |         |          |
| cpe:2.3:a:checkpoint:vpn-1:4.1:sp3:*****:                                                    |            |                    |           |        |         |          |
| cpe:2.3:a:checkpoint:vpn-1:4.1:sp4:*****:                                                    |            |                    |           |        |         |          |
| cpe:2.3:a:checkpoint:vpn-1:4.1:sp3:*****:                                                    |            |                    |           |        |         |          |
| cpe:2.3:a:checkpoint:vpn-1:4.1:sp4:*****:                                                    |            |                    |           |        |         |          |
| cpe:2.3:h:nokia:firewall_appliance:ipso_3.3:*****:                                           |            |                    |           |        |         |          |
| cpe:2.3:h:nokia:firewall_appliance:ipso_3.4:*****:                                           |            |                    |           |        |         |          |

cpe:2.3:h:nokia:firewall\_appliance:ipso\_3.41:\*\*\*\*\*:\*

cpe:2.3:h:nokia:firewall\_appliance:ipso\_3.3:\*\*\*\*\*:\*

cpe:2.3:h:nokia:firewall\_appliance:ipso\_3.4:\*\*\*\*\*:\*

cpe:2.3:h:nokia:firewall\_appliance:ipso\_3.41:\*\*\*\*\*:\*

No vendor comments have been submitted for this CVE

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