

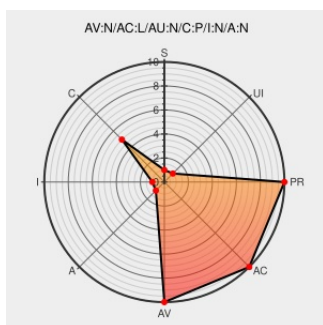


CVE-2015-4321

Published on: 08/20/2015 12:00:00 AM UTC

Last Modified on: 08/11/2023 06:54:00 PM UTC

CVE-2015-4321

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Adaptive Security Appliance Software](#) from [Cisco](#) contain the following vulnerability:

The Unicast Reverse Path Forwarding (uRPF) implementation in Cisco Adaptive Security Appliance (ASA) Software 9.3(1.50), 9.3(2.100), 9.3(3), and 9.4(1) mishandles cases where an IP address belongs to an internal interface but is also in the ASA routing table, which allows remote attackers to bypass uRPF validation via spoofed packets, aka

Bug ID CSCuv60724.

CVE-2015-4321 has been assigned by [psirt@cisco.com](#) to track the vulnerability

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Cisco ASA Unicast Reverse Path Forwarding (uRPF) Bypass Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20150812 Cisco ASA Unicast Reverse Path Forwarding (uRPF) Bypass Vulnerability
Cisco ASA Lets Remote Users Bypass uRPF Validation on the Target System - SecurityTracker	www.securitytracker.com text/html	SECTrack 1033265

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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	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(3)	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\3\	All	All	All
Application	Cisco	Adaptive Security Appliance Software	9.4(1)	All	All	All
Application	Cisco	Adaptive Security Appliance Software	9.4\1\	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.3\1.50\	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.3\2.100\	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.3\3\	All	All	All
Operating System	Cisco	Adaptive Security Appliance Software	9.4\1\	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\3\	All	All	All
Application	Cisco	Adaptive Security Appliance Software	9.4\1\	All	All	All
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.3(1.50):*****:						
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.3(2.100):*****:						
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.3(3):*****:						
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.3\1.50\):*****:						
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.3\2.100\):*****:						
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.3\3\):*****:						
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.4(1):*****:						
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.4\1\):*****:						
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cpe:2.3:o:cisco:adaptive_security_appliance_software:9.3\2.100\):*****:						
cpe:2.3:o:cisco:adaptive_security_appliance_software:9.3\3\):*****:						

cpe:2.3:0:cisco:adaptive_security_appliance_software:9.3(0):*****:
cpe:2.3:0:cisco:adaptive_security_appliance_software:9.4(1):*****:
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.3(1.50):*****:
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.3(2.100):*****:
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.3(3):*****:
cpe:2.3:a:cisco:adaptive_security_appliance_software:9.4(1):*****:

No vendor comments have been submitted for this CVE

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