



CVE-2019-18948

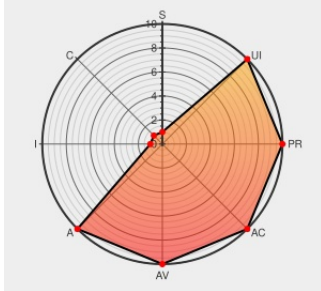
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CVE-2019-18948

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



Certain versions of [Eos](#) from [Arista](#) contain the following vulnerability:

An issue was found in Arista EOS. Specific malformed ARP packets can impact the software forwarding of VxLAN packets. This issue is found in Arista's EOS VxLAN code, which can allow attackers to crash the VxlanSwFwd agent. This affects EOS 4.21.8M and below releases in the 4.21.x train, 4.22.3M and below releases in the 4.22.x train, 4.23.1F and below releases in the 4.23.x train, and all releases in 4.15, 4.16, 4.17, 4.18, 4.19, 4.20 code train.

CVE-2019-18948 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
Security Advisory 0047 - Arista	Patch Vendor Advisory	A CONFIRM www.arista.com/en/support/advisories-notice/security-advisories/10292-security-advisory-47

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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
Operating System	Arista	Eos	4.15	All	All	All
Operating System	Arista	Eos	4.16	All	All	All
Operating System	Arista	Eos	4.17	All	All	All
Operating System	Arista	Eos	4.18	All	All	All
Operating System	Arista	Eos	4.19	All	All	All
Operating System	Arista	Eos	4.20	All	All	All
Operating System	Arista	Eos	4.15	All	All	All
Operating System	Arista	Eos	4.16	All	All	All
Operating System	Arista	Eos	4.17	All	All	All
Operating System	Arista	Eos	4.18	All	All	All
Operating System	Arista	Eos	4.19	All	All	All
Operating System	Arista	Eos	4.20	All	All	All
Operating System	Arista	Eos	All	All	All	All
Operating System	Arista	Eos	All	All	All	All
Operating System	Arista	Eos	All	All	All	All
cpe:2.3:o:arista:eos:4.15:*****:*						
cpe:2.3:o:arista:eos:4.16:*****:*						

cpe:2.3:o:arista:eos:4.17:::~
cpe:2.3:o:arista:eos:4.18:::~
cpe:2.3:o:arista:eos:4.19:::~
cpe:2.3:o:arista:eos:4.20:::~
cpe:2.3:o:arista:eos:4.15:::~
cpe:2.3:o:arista:eos:4.16:::~
cpe:2.3:o:arista:eos:4.17:::~
cpe:2.3:o:arista:eos:4.18:::~
cpe:2.3:o:arista:eos:4.19:::~
cpe:2.3:o:arista:eos:4.20:::~
cpe:2.3:o:arista:eos:::~
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cpe:2.3:o:arista:eos:::~

No vendor comments have been submitted for this CVE

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