



CVE-2017-17427

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

Summary

CVE	CVE-2017-17427
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-13 16:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	Radware Alteon devices with a firmware version between 31.0.0.0-31.0.3.0 are vulnerable to an adaptive-chosen ciphertex

Risk And Classification

Primary CVSS: v3.0 5.9 MEDIUM from nvd@nist.gov

CVSS: 3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N

EPSS: 0.704710000 probability, percentile 0.987110000 (date 2026-05-14)

Problem Types: CWE-203 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.9	MEDIUM	CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

None

Availability

None

CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

AV:N/AC:M/Au:N/C:P/I:N/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Radware	Alteon	-	All	All	All
Operating System	Radware	Alteon Firmware	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
CVE-2017-17427 Adaptive chosen-ciphertext attack vulnerability	af8
The ROBOT Attack - Return of Bleichenbacher's Oracle Threat	af8
Alteon CVE-2017-17427 Information Disclosure Vulnerability	af8
VU#144389 - TLS implementations may disclose side channel information via discrepancies between valid and invalid PKCS#1 padding	af8
CVE Program record	CV
NVD vulnerability detail	NV

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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