CVE-2016-8276

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Summary

CVE	CVE-2016-8276
State	PUBLISHED
Assigner	huawei
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-03 21:59:09 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Buffer overflow in the Point-to-Point Protocol over Ethernet (PPPoE) module in Huawei USG2100, USG2200, USG5100, ar

Risk And Classification

Primary CVSS: v3.0 9.8 CRITICAL from nvd@nist.gov

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

EPSS: 0.029780000 probability, percentile 0.865960000 (date 2026-05-07)

Problem Types: CWE-119 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	9.3		AV:N/AC:M/Au:N/C:C/I:C/A:C

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Huawei	Usg2100	v300r001c00	All	All	All
Application	Huawei	Usg2100	v300r001c10	All	All	All
Application	Huawei	Usg2200	v300r001c00	All	All	All
Application	Huawei	Usg2200	v300r001c10	All	All	All
Application	Huawei	Usg5100	v300r001c00	All	All	All
Application	Huawei	Usg5100	v300r001c10	All	All	All
Application	Huawei	Usg5500	v300r001c00	All	All	All
Application	Huawei	Usg5500	v300r001c10	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source	Link	Tags
*	af854a3a-2127-422b-91ae-364da2661108	www.huawei.com	Vendor
Multiple Huawei USG Products Buffer Overflow Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.securityfocus.com	Third P

Multiple Huawei OSG Products Buffer Overflow Vulnerability	[illegible]	www.securityfocus.com	Third P
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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