



Zyxel Multiple Firewalls Buffer Overflow Vulnerability

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

Summary

CVE	CVE-2023-33009
State	PUBLIC
Assigner	security@zyxel.com.tw
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-05-24 13:15:00 UTC
Updated	2024-04-01 15:51:00 UTC
Description	A buffer overflow vulnerability in the notification function in Zyxel ATP series firmware versions 4.60 through 5.36 Patch 1, L

Risk And Classification

EPSS: 0.061740000 probability, percentile 0.907930000 (date 2026-04-02)

CISA KEV: Listed on 2023-06-05; due 2023-06-26; ransomware use Unknown

Problem Types: CWE-120

CISA Known Exploited Vulnerability

Vendor	Zyxel
Product	Multiple Firewalls
Name	Zyxel Multiple Firewalls Buffer Overflow Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://www.zyxel.com/global/en/support/security-advisories/zyxel-security-advisory-for-multiple-buffer-overflow-vulnerabilities-of-firewalls ; https://nvd.nist.gov/vuln/detail/CVE-2023-33009

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Zyxel	Atp100	-	All	All	All
Hardware	Zyxel	Atp100w	-	All	All	All
Operating System	Zyxel	Atp100w Firmware	All	All	All	All
Operating System	Zyxel	Atp100w Firmware	5.36	-	All	All
Operating System	Zyxel	Atp100w Firmware	5.36	patch1	All	All
Operating System	Zyxel	Atp100 Firmware	All	All	All	All
Operating System	Zyxel	Atp100 Firmware	5.36	-	All	All

Operating System	Zyxel	Atp100 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Atp200	-	All	All	All
Operating System	Zyxel	Atp200 Firmware	All	All	All	All
Operating System	Zyxel	Atp200 Firmware	5.36	-	All	All
Operating System	Zyxel	Atp200 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Atp500	-	All	All	All
Operating System	Zyxel	Atp500 Firmware	All	All	All	All
Operating System	Zyxel	Atp500 Firmware	5.36	-	All	All
Operating System	Zyxel	Atp500 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Atp700	-	All	All	All
Operating System	Zyxel	Atp700 Firmware	All	All	All	All
Operating System	Zyxel	Atp700 Firmware	5.36	-	All	All
Operating System	Zyxel	Atp700 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Atp800	-	All	All	All
Operating System	Zyxel	Atp800 Firmware	All	All	All	All
Operating System	Zyxel	Atp800 Firmware	5.36	-	All	All
Operating System	Zyxel	Atp800 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Usg20-vpn	-	All	All	All
Operating System	Zyxel	Usg20-vpn Firmware	All	All	All	All
Operating System	Zyxel	Usg20-vpn Firmware	5.36	-	All	All
Operating System	Zyxel	Usg20-vpn Firmware	5.36	patch1	All	All
Hardware	Zyxel	Usg 20w-vpn	-	All	All	All
Operating System	Zyxel	Usg 20w-vpn Firmware	All	All	All	All
Operating System	Zyxel	Usg 20w-vpn Firmware	5.36	-	All	All
Operating System	Zyxel	Usg 20w-vpn Firmware	5.36	patch1	All	All
Hardware	Zyxel	Usg 40	-	All	All	All
Hardware	Zyxel	Usg 40w	-	All	All	All
Operating System	Zyxel	Usg 40w Firmware	All	All	All	All
Operating System	Zyxel	Usg 40w Firmware	4.73	-	All	All
Operating System	Zyxel	Usg 40w Firmware	4.73	patch1	All	All
Operating System	Zyxel	Usg 40 Firmware	All	All	All	All
Operating System	Zyxel	Usg 40 Firmware	4.73	-	All	All
Operating System	Zyxel	Usg 40 Firmware	4.73	patch1	All	All
Hardware	Zyxel	Usg 60	-	All	All	All
Hardware	Zyxel	Usg 60w	-	All	All	All
Operating System	Zyxel	Usg 60w Firmware	All	All	All	All

Operating System	Zyxel	Usg 60w Firmware	All	All	All	All
Operating System	Zyxel	Usg 60w Firmware	4.73	-	All	All
Operating System	Zyxel	Usg 60w Firmware	4.73	patch1	All	All
Operating System	Zyxel	Usg 60 Firmware	All	All	All	All
Operating System	Zyxel	Usg 60 Firmware	4.73	-	All	All
Operating System	Zyxel	Usg 60 Firmware	4.73	patch1	All	All
Hardware	Zyxel	Usg Flex 100	-	All	All	All
Hardware	Zyxel	Usg Flex 100w	-	All	All	All
Operating System	Zyxel	Usg Flex 100w Firmware	5.36	-	All	All
Operating System	Zyxel	Usg Flex 100w Firmware	5.36	patch1	All	All
Operating System	Zyxel	Usg Flex 100 Firmware	All	All	All	All
Operating System	Zyxel	Usg Flex 100 Firmware	5.36	-	All	All
Operating System	Zyxel	Usg Flex 100 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Usg Flex 200	-	All	All	All
Operating System	Zyxel	Usg Flex 200 Firmware	All	All	All	All
Operating System	Zyxel	Usg Flex 200 Firmware	5.36	-	All	All
Operating System	Zyxel	Usg Flex 200 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Usg Flex 50	-	All	All	All
Hardware	Zyxel	Usg Flex 500	-	All	All	All
Operating System	Zyxel	Usg Flex 500 Firmware	All	All	All	All
Operating System	Zyxel	Usg Flex 500 Firmware	5.36	-	All	All
Operating System	Zyxel	Usg Flex 500 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Usg Flex 50w	-	All	All	All
Operating System	Zyxel	Usg Flex 50w Firmware	All	All	All	All
Operating System	Zyxel	Usg Flex 50w Firmware	5.36	-	All	All
Operating System	Zyxel	Usg Flex 50w Firmware	5.36	patch1	All	All
Operating System	Zyxel	Usg Flex 50 Firmware	All	All	All	All
Operating System	Zyxel	Usg Flex 50 Firmware	5.36	-	All	All
Operating System	Zyxel	Usg Flex 50 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Usg Flex 700	-	All	All	All
Operating System	Zyxel	Usg Flex 700 Firmware	All	All	All	All
Operating System	Zyxel	Usg Flex 700 Firmware	5.36	-	All	All
Operating System	Zyxel	Usg Flex 700 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Vpn100	-	All	All	All
Hardware	Zyxel	Vpn1000	-	All	All	All
Operating System	Zyxel	Vpn1000 Firmware	All	All	All	All

Operating System	Zyxel	Vpn1000 Firmware	5.36	-	All	All
Operating System	Zyxel	Vpn1000 Firmware	5.36	patch1	All	All
Operating System	Zyxel	Vpn100 Firmware	All	All	All	All
Operating System	Zyxel	Vpn100 Firmware	5.36	-	All	All
Operating System	Zyxel	Vpn100 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Vpn300	-	All	All	All
Operating System	Zyxel	Vpn300 Firmware	All	All	All	All
Operating System	Zyxel	Vpn300 Firmware	5.36	-	All	All
Operating System	Zyxel	Vpn300 Firmware	5.36	patch1	All	All
Hardware	Zyxel	Vpn50	-	All	All	All
Operating System	Zyxel	Vpn50 Firmware	All	All	All	All
Operating System	Zyxel	Vpn50 Firmware	5.36	-	All	All
Operating System	Zyxel	Vpn50 Firmware	5.36	patch1	All	All

References

Reference	Source	Link	Tags
Zyxel security advisory for multiple buffer overflow vulnerabilities of firewalls Zyxel Networks	CONFIRM	www.zyxel.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, anal
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	kev

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[731231](#) Zyxel ATP Firewall Buffer Overflow Vulnerability (CVE-2023-33009)

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