



# CVE-2020-29583

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-29583
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-12-22 22:15:00 UTC
<b>Updated</b>	2023-11-07 03:21:00 UTC
<b>Description</b>	Firmware version 4.60 of Zyxel USG devices contains an undocumented account (zyfwp) with an unchangeable password.

## Risk And Classification

**EPSS:** 0.943670000 probability, percentile 0.999650000 (date 2026-04-02)

**CISA KEV:** Listed on 2021-11-03; due 2022-05-03; ransomware use Unknown

**Problem Types:** CWE-522

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Zyxel
<b>Product</b>	Multiple Products
<b>Name</b>	Zyxel Multiple Products Use of Hard-Coded Credentials Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://nvd.nist.gov/vuln/detail/CVE-2020-29583">https://nvd.nist.gov/vuln/detail/CVE-2020-29583</a>

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Zyxel</a>	<a href="#">Usg110</a>	-	All	All	All
Hardware	<a href="#">Zyxel</a>	<a href="#">Usg110</a>	-	All	All	All
Hardware	<a href="#">Zyxel</a>	<a href="#">Usg1100</a>	-	All	All	All
Hardware	<a href="#">Zyxel</a>	<a href="#">Usg1100</a>	-	All	All	All
Operating System	<a href="#">Zyxel</a>	<a href="#">Usg1100 Firmware</a>	4.60	All	All	All
Operating System	<a href="#">Zyxel</a>	<a href="#">Usg1100 Firmware</a>	4.60	All	All	All
Operating System	<a href="#">Zyxel</a>	<a href="#">Usg110 Firmware</a>	4.60	All	All	All
Operating System	<a href="#">Zyxel</a>	<a href="#">Usg110 Firmware</a>	4.60	All	All	All

Hardware	Zyxel	Usg1900	-	All	All	All
Hardware	Zyxel	Usg1900	-	All	All	All
Operating System	Zyxel	Usg1900 Firmware	4.60	All	All	All
Operating System	Zyxel	Usg1900 Firmware	4.60	All	All	All
Hardware	Zyxel	Usg20-vpn	-	All	All	All
Hardware	Zyxel	Usg20-vpn	-	All	All	All
Operating System	Zyxel	Usg20-vpn Firmware	4.60	All	All	All
Operating System	Zyxel	Usg20-vpn Firmware	4.60	All	All	All
Hardware	Zyxel	Usg20w-vpn	-	All	All	All
Hardware	Zyxel	Usg20w-vpn	-	All	All	All
Operating System	Zyxel	Usg20w-vpn Firmware	4.60	All	All	All
Operating System	Zyxel	Usg20w-vpn Firmware	4.60	All	All	All
Hardware	Zyxel	Usg210	-	All	All	All
Hardware	Zyxel	Usg210	-	All	All	All
Operating System	Zyxel	Usg210 Firmware	4.60	All	All	All
Operating System	Zyxel	Usg210 Firmware	4.60	All	All	All
Hardware	Zyxel	Usg2200	-	All	All	All
Hardware	Zyxel	Usg2200	-	All	All	All
Operating System	Zyxel	Usg2200 Firmware	4.60	All	All	All
Operating System	Zyxel	Usg2200 Firmware	4.60	All	All	All
Hardware	Zyxel	Usg310	-	All	All	All
Hardware	Zyxel	Usg310	-	All	All	All
Operating System	Zyxel	Usg310 Firmware	4.60	All	All	All
Operating System	Zyxel	Usg310 Firmware	4.60	All	All	All
Hardware	Zyxel	Usg40	-	All	All	All
Hardware	Zyxel	Usg40	-	All	All	All
Hardware	Zyxel	Usg40w	-	All	All	All
Hardware	Zyxel	Usg40w	-	All	All	All
Operating System	Zyxel	Usg40w Firmware	4.60	All	All	All
Operating System	Zyxel	Usg40w Firmware	4.60	All	All	All
Operating System	Zyxel	Usg40 Firmware	4.60	All	All	All
Operating System	Zyxel	Usg40 Firmware	4.60	All	All	All
Hardware	Zyxel	Usg60	-	All	All	All
Hardware	Zyxel	Usg60	-	All	All	All
Hardware	Zyxel	Usg60w	-	All	All	All

Hardware	Zyxel	Usg60w	-	All	All	All
Operating System	Zyxel	Usg60w Firmware	4.60	All	All	All
Operating System	Zyxel	Usg60w Firmware	4.60	All	All	All
Operating System	Zyxel	Usg60 Firmware	4.60	All	All	All
Operating System	Zyxel	Usg60 Firmware	4.60	All	All	All
Hardware	Zyxel	Zywall110	-	All	All	All
Hardware	Zyxel	Zywall110	-	All	All	All
Hardware	Zyxel	Zywall1100	-	All	All	All
Hardware	Zyxel	Zywall1100	-	All	All	All
Operating System	Zyxel	Zywall1100 Firmware	4.60	All	All	All
Operating System	Zyxel	Zywall1100 Firmware	4.60	All	All	All
Operating System	Zyxel	Zywall110 Firmware	4.60	All	All	All
Operating System	Zyxel	Zywall110 Firmware	4.60	All	All	All
Hardware	Zyxel	Zywall310	-	All	All	All
Hardware	Zyxel	Zywall310	-	All	All	All
Operating System	Zyxel	Zywall310 Firmware	4.60	All	All	All
Operating System	Zyxel	Zywall310 Firmware	4.60	All	All	All

## References

Reference	Source	Link
ftp.zyxel.com/USG40/firmware/USG40_4.60(AALA.1)C0_2.pdf	CONFIRM	<a href="ftp.zyxel.com">ftp.zyxel.com</a>
ftp.zyxel.com/USG40/firmware/USG40_4.60%28AALA.1%29C0_2.pdf		<a href="ftp.zyxel.com">ftp.zyxel.com</a>
Zyxel security advisory for hardcoded credential vulnerability   Zyxel	CONFIRM	<a href="http://www.zyxel.com">www.zyxel.com</a>
Security Advisories   Zyxel	MISC	<a href="http://www.zyxel.com">www.zyxel.com</a>
Secret Backdoor to Zyxel Firewall and AP Controllers Could Allow Administrative Access - SecPod Blog	MISC	<a href="http://www.secpod.com">www.secpod.com</a>
Undocumented user account in Zyxel products (CVE-2020-29583) - EYE	MISC	<a href="http://www.eyecontrol.nl">www.eyecontrol.nl</a>
ZLD v4.60 Revoke and WK48 Firmware release — Zyxel	MISC	<a href="http://businessforum.zyxel.com">businessforum.zyxel.com</a>
What's New for ZLD4.60 patch 1 (available on Dec. 15) — Zyxel	MISC	<a href="http://businessforum.zyxel.com">businessforum.zyxel.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>
CISA Known Exploited Vulnerabilities catalog	CISA	<a href="http://www.cisa.gov">www.cisa.gov</a>

No vendor comments have been submitted for this CVE.

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

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