PSIRT

Stack buffer overflow in CAPWAP daemon

IR Number	FG-IR-25-358
Published Date	Nov 18, 2025
Updated Date	Nov 21, 2025
Component	OTHERS
Severity	Medium
CVSSv3 Score	6.9
Impact	Execute unauthorized code or commands
CVE ID	CVE-2025-53843
Download	CVRF CSAF

Version	Affected	Solution
FortiOS 7.6	7.6.0 through 7.6.3	Upgrade to 7.6.4 or above
FortiOS 7.4	7.4.0 through 7.4.8	Upgrade to 7.4.9 or above
FortiOS 7.2	7.2 all versions	Migrate to a fixed release
FortiOS 7.0	7.0 all versions	Migrate to a fixed release
FortiOS 6.4	6.4 all versions	Migrate to a fixed release

Follow the recommended upgrade path using our tool at: https://docs.fortinet.com/upgrade-tool

Workarounds :
Disable security fabric access into interface.
Only allow legit devices in `Wifi Controller > Managed FortiAPs`

Warning :
if `auto-auth-extension-device` is enable in config system interface, any device can be authorized and then the vulnerability can be exploited without administrator authorization.
Please note that `auto-auth-extension-device` is disabled by default

Acknowledgement

Internally discovered and reported by Gwendal Guégniaud of Fortinet Product Security Team.

Timeline