مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates - WatchGuard Fireware OS
Tracking #:432317478
Date:11-07-2025

TLP: WHITE

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that WatchGuard has released security updates to address multiple vulnerabilities in its Fireware OS, which could allow privileged users to execute arbitrary code via crafted CLI commands.

TECHNICAL DETAILS:

Two vulnerabilities were identified in WatchGuard Fireware OS. The first (**CVE-2025-1547**) is a stack-based buffer overflow in the certificate request command that allows authenticated privileged users to execute arbitrary code via crafted CLI commands. The second (**CVE-2025-4106**) enables an authenticated admin user with access to both the WebUI and CLI to activate a diagnostic debug shell by uploading a platform-specific diagnostic package and executing leftover diagnostic commands.

Vulnerability Details:

1. **CVE ID:** CVE-2025-1547
   - **Impact:** High
   - **CVSS Score:** 7.5
   - **CVSS Vector:** CVSS:4.0/AV:N/AC:H/AT:P/PR:H/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N
   - **Description:** A stack-based buffer overflow vulnerability exists in the certificate request command of WatchGuard Fireware OS. An authenticated and privileged user can exploit this flaw via specially crafted CLI commands, potentially leading to arbitrary code execution.
   - **Affected Versions:**
     o Fireware OS 12.5.x, 12.6+
   - **Fixed Versions**
     o Fireware OS 12.6+: Patched in version 12.11.3
     o Fireware OS 12.5.x-Unresolved

2. **CVE ID:** CVE-2025-4106
   - **Impact:** High
   - **CVSS Score:** 8.9
   - **CVSS Vector:** CVSS:4.0/AV:N/AC:L/AT:P/PR:H/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H
   - **Description:** An authenticated admin user with access to both the management WebUI and command line interface on a Firebox can enable a diagnostic debug shell by uploading a platform and version-specific diagnostic package and executing a leftover diagnostic command.
   - **Affected Versions:**
     o This issue affects Fireware OS: from 12.0 up to and including 12.11.2.
   - **Fixed Version:**
     o Patched in version 12.11.3

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RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the necessary updates released by WatchGuard at the earliest.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- https://www.watchguard.com/wgrd-psirt/advisory/wgsa-2025-00013
- https://www.watchguard.com/wgrd-psirt/advisory/wgsa-2025-00010