

Security Advisory Report - OBSO-1908-01

VxWorks TCP/IP Network Stack (IPnet, Urgent/11) (CVE-2019-12256 to CVE-2019-12265)

Release Date: 2019-08-14 15:37:00

Last Update: 2019-08-14 15:37:00

Summary

Several high and medium priority vulnerabilities were found in **VxWorks** versions **VxWorks 6.5-6.9** and **VxWorks 7** (SR540 and SR610)

The vulnerabilities identified include: Stack-based Buffer Overflow, Heap-based Buffer Overflow, Integer Underflow, Improper Restriction of Operations within the Bounds of a Memory Buffer, Race Condition, Argument Condition or Modification, Null Pointer Dereference, Argument Injection or Modification

VxWorks **5.3 through VxWorks 6.4** inclusive are **Not affected**.

Current Unify products use VxWorks versions that are **Not affected** by the identified vulnerabilities. No further activities are required.

Details

Wind River has issued a Security Advisory that provides details on the discovered vulnerabilities. Please refer to the following information in order to get additional details:

Security Vulnerability Response Information:

<https://www.windriver.com/security/announcements/tcp-ip-network-stack-ipnet-urgent11/>

Security Advisory:

<https://www.windriver.com/security/announcements/tcp-ip-network-stack-ipnet-urgent11/security-advisory-ipnet/>

Affected Products

None

Recommended Actions

No action required.

References

UC CERT

<https://www.us-cert.gov/ics/advisories/icsa-19-211-01>

Wind River

<https://www.windriver.com/security/announcements/tcp-ip-network-stack-ipnet-urgent11/>
<https://www.windriver.com/security/announcements/tcp-ip-network-stack-ipnet-urgent11/security-advisory-ipnet/>

Press

<https://www.zdnet.com/article/urgent11-security-flaws-impact-routers-printers-scada-and-many-iot-devices/>

Advisory: OBSO-1908-01, status: general release

Security Advisories are released as part of Unify's Vulnerability Intelligence Process. For more information see <https://www.unify.com/security/advisories>.

Contact and Disclaimer

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