Cyber Security Notice #05/2020

Ripple20 – Impact on B&R Products

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Executive Summary

B&R is aware of a series of vulnerabilities known as Ripple20, disclosed by JSOF research lab.

Ripple20 comprises 19 vulnerabilities in a TCP/IP library developed by Treck Inc.
This library has been integrated in a variety of products which are affected by one or more of the CVEs listed in section "Technical" of the JSOF Ripple20 page [1].
More details including affected TCP/IP stacks and affected products are presented on the JSOF Ripple20 page and in ICS-CERT Advisory ICSA-20-168-01 [2].

B&R has analyzed all its potentially affected products and has come to the following conclusion:

The whole B&R product portfolio is <u>not</u> affected by Ripple20.

Affected Products

None

Supporting information and guidelines

The B&R Cyber Security webpage provides further information including Cyber Security guidelines.
Please find these resources here: https://www.br-automation.com/en/service/cyber-security/

References

[1] JSOF Ripple20 page – Technical section

https://www.jsof-tech.com/ripple20/#ripple-technical

[2] ICS-CERT Advisory ICSA-20-168-01

https://us-cert.cisa.gov/ics/advisories/icsa-20-168-01

Document History

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