

# Teltonika Gateway TRB245 Stored Cross-site Scripting

Low

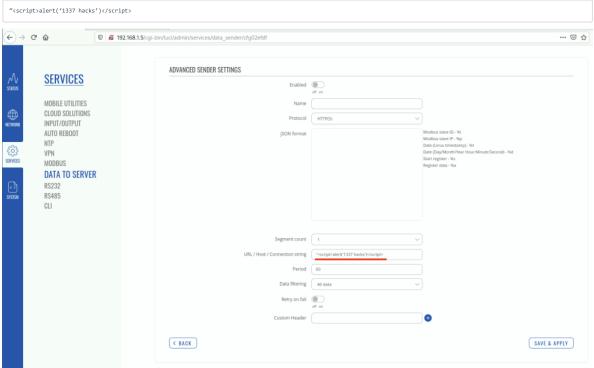
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# **Synopsis**

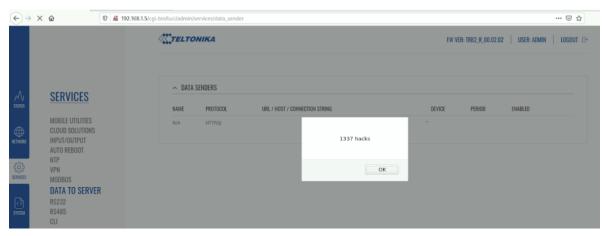
A stored cross-site scripting vulnerability exists in the Web UI. A remote, authenticated attacker is able to inject malicious client-side code into the 'URL/ Host / Connection' form in the 'DATA TO SERVER' configuration section. An attacker with low privileges could exploit this to steal session details from a higher privileged user.

#### **Proof of Concept**

In the below screenshot we can see the tester has added some script tags into the 'URL/ Host / Connection' form.



When the tester selects 'Save & Apply' this change you will be redirected to the list of data sensors and the injected javascript will execute.



#### Solution

Upgrade to TRB2\_R\_00.02.03 or newer.

### **Additional References**

 $https://wiki.teltonika-networks.com/view/TRB245\_Firmware\_Downloads\#TRB2XX\_R\_00.02.03.1\_.7C\_2020.05.15$ 

# **Disclosure Timeline**



 $07/09/2020 - Teltonika\ thanks\ us\ for\ the\ report.\ They\ will\ investigate\ and\ follow\ up\ with\ us.\ They\ do\ ask\ us\ for\ a\ PoC\ as\ well.$ 

07/09/2020 - Teltonika responds with their initial assessment.

07/09/2020 - Tenable thanks Teltonika for the update. Sends PoC over.

07/10/2020 - Teltonika cannot reproduce XSS on the newest firmware TRB2\_R\_00.02.04.

 $07/14/2020 - Teltonika\ can\ reproduce\ the\ vulnerability\ in\ TRB2\_R\_00.02.02\ firmware.$ 

07/14/2020 - Since the vulnerability was confirmed in a previous version, Tenable will plan to assign a CVE and release an advisory. Asks if a CVE has already been assigned and which version corrected the issue.

07/16/2020 - Teltonika says they did not assign a CVE. Fix version is TRB2\_R\_00.02.03.

07/16/2020 - We will publish the XSS as CVE-2020-5769 and send a link to the advisory after it is published.

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 $For more \ details \ on \ submitting \ vulnerability \ information, \ please \ see \ our \ Vulnerability \ Reporting \ Guidelines \ page.$ 

If you have questions or corrections about this advisory, please email advisories@tenable.com

#### **Risk Information**

CVE ID: CVE-2020-5769

Tenable Advisory ID: TRA-2020-43

Credit: Derrie Sutton

CVSSv2 Base / Temporal Score: 3.6 CVSSv2 Vector: AV:N/AC:H/Au:S/C:P/I:P/A:N Affected Products: TRB2\_R\_00.02.02 firmware

Risk Factor: Low

# **Advisory Timeline**

07/16/2020 - Advisory published.

07/29/2020 - Revised disclosure timeline per discussion with Teltonika.

## FEATURED PRODUCTS

Tenable One Exposure Management Platform

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