Security Advisory

TBOX-SA-2021-0002

OVARRO

Summary

- **Document Type** : Security Advisory
- **Id** : TBOX-SA-2021-0002
- **Vulnerability** : CVE-2020-28988
- **Publisher** : Ovarro (vendor)
- **Contact** : cybersecurity@ovarro.com

- **Current status** : final
- **Current version** : 1.0
- **Initial release date** : 05 Feb 2021
- **Current release date** : 05 Feb 2021

Revision History

Version	Date	Description
1.0	05 Feb 2021	First version

OVARRO

Vulnerability

The transfer protocol requires no authentication to read the project file from the TBox.

Vulnerable Products

This vulnerability affects the following products :

- Legacy product families : TBox MS-CPU16, TBox LT, TBox TG, TBox RM, TBox LP, TBox WM (all firmware versions)
- Current product families : TBox MS-CPU32, TBox MS-CPU32-S2, TBox LT2, TBox TG2, TBox RM2 (firmware version **1.45 and earlier**)

Solution

Current product families

A new version of firmware have been released which force the user to be authenticated with the lowest access level available in TBox. No other protection will be put in place about the retrieval of the project file from the TBox as it may be normal for such limited user to retrieve the project file for its use.
This fix is available only for current product families and is available in version **1.46 or later** of the firmware.

User authentication must be enabled to have this protection effective.
An authentication based of a user list defined into the TBox is the most secure (other authentication mechanism are legacy and unsecure).

Legacy product families

Customers using a legacy product are advised to contact local sales representative to update to an equivalent product family.

Workaround

The workaround for this is to not store the project file into the TBox but to keep it in a safe place (it is not mandatory to store the project file into the TBox to get it working).
This workaround applies on all products (current and legacy products).

OVARRO

Releases

New software version can be downloaded from our web site www.ovarro.com in "Customer Support" section (service portal).

General Security Recommendations

There is a document explaining the best practices to keep the TBox secured. It can be downloaded from our web site www.ovarro.com in "Customer Support" section (service portal, manual, "TBox Cybersecurity_Best Practice").

Acknowledgment

Ovarro thanks the following parties for their efforts:

- Reid Wightman at Dragos for identifying and reporting this

OVARRO

CONNECTING
TECHNOLOGIES