Reaching Cisco router console port remotely RutOS

Contents

Introduction

This article describes how to connect to a console of another device (e.g., a Cisco router, Fortigate firewall, etc.)

Prerequisites

You will need:

- A router/gateway with USB or RS232 Serial
- An **RS232 (male) - RJ45** cable (to connect to a Cisco AUX port):
- Or a **USB type Mini - USB type A** cable (to connect to a USB type mini console port):

Configuration

There are multiple ways to connect to a console port, which are described in the sections below:

RS232 - RJ45

RS232 can be configured from the Services → RS232/RS485 → **RS232 Configuration** page. The following RS232 configuration should be used:

- **Enable** RS232.
- Select **baud rate** (**9600**).
- Select **Serial type** (**Over IP**).

- Select **Protocol** (**TCP**).
- Leave mode as **Server**.
- Type in **port** (**15026**)
- Save configuration

USB

Using Mini USB – USB type A configuration. Configured from the WebUI, Services → **USB Tools** → USB to Serial page:

Firstly, we'll need to add a new USB to Serial instance:

- Type **name**.
- Press **Add**.

Then, we'll need to configure this instance:

- Enable
- Name should be already written
- Select device **ID**
- Select **baud rate**
- Choose **two** Stop bits
- Select **Serial type** (**Over IP**)
- Choose **TCP** protocol
- Leave mode as **Server**
- Type in **port** (**43223**)
- Save configuration

PuTTY configuration

The console can be accessed by using software such as **PuTTY** (can be downloaded from **here**.

The PuTTY configuration should look like this:

- Type in routers/gateways **IP**
- Select **port** you've configured in RS232/USB to Serial.
- Select **RAW** connection type

Then you should successfully connect to Cisco device:

If you do encounter any issues with PuTTY, you can try connecting from Teltonika's device directly to Cisco's:

- Connect to router's/gateway's **CLI**
- Type in this **command** "**microcom -s 9600 /dev/rs232**"

This way you'd know if Teltonika's device is even able to see whats on the other side of RS232.

Console port

Example of console ports: