Mobile Parameters to HTTP Server

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Introduction

Mobile parameters are needed to measure signal features that can be acquired using **gsmctl** commands. However, there is no available command to check/display all of the desired details.

With that said, a custom script is needed to show them using one command. This article provides step-by-step instructions on how to write the script, programs that are required, and how to run it.

- First you want to make sure that you have **ADVANCED mode** enabled. This will allow you to choose from a larger variety of settings.

Prerequisites

For this particular configuration you will need:

- A Gateway or a Router with GSM (RUTX14 is being used in the example)
- 1 SIM card
- 1 PC
- HTTP Server (Hercules)

Preparation

- Prepare RUTX14, power up the device, insert the sim card, check that mobile interface is active and working. SIM1, PWR and signal strength indicators should light up.

Network -> Interfaces should look similar to this:

Configuration

Making a Directory and Script

1. Connect to RUTX14 CLI using PUTTY or WEBUI.

2. Create a new directory for the custom script.

- mkdir /etc/config/scripts

3. Then create a new .sh file.

- touch /etc/config/scripts/<filename>.sh

4. To edit the filename, use **vi <filename>.sh**. Press **I**. To save and exit, **Press Esc** then **:x** or to exit without saving, **Press Esc** then **:q!**.