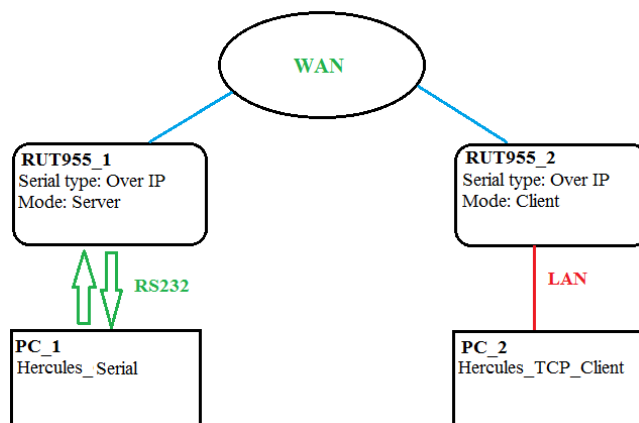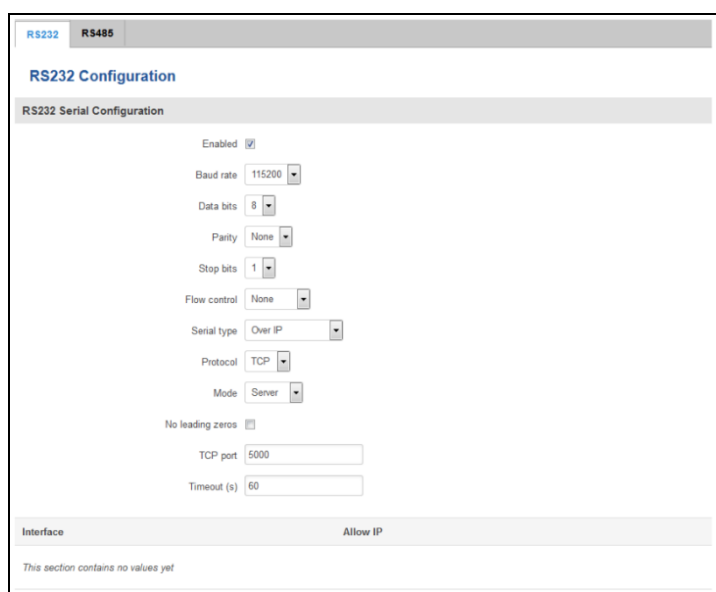# RUT9x5 RS232 Over IP test Server & Client configuration
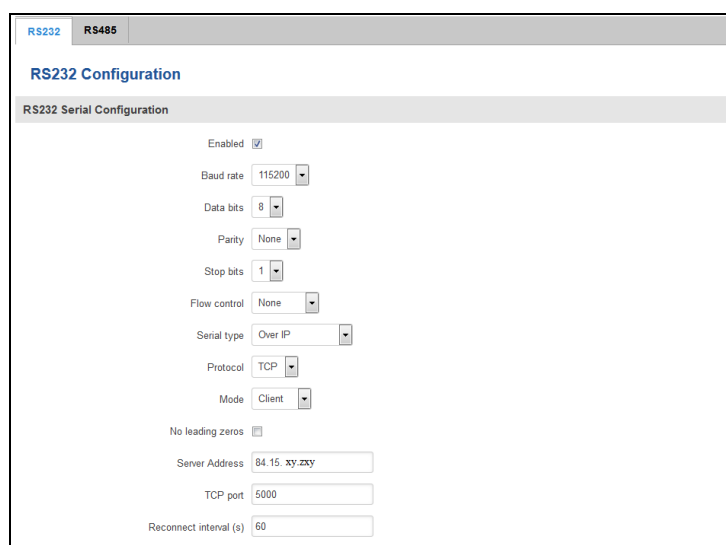
1. For test will be needed two routers RUT9x5(RUT_1 and RUT_2) and two PC (PC_1 and PC_2). RUT9x5_1 must have public IP address (RUT9x5_1 WAN IP: 84.15.xy.zxy)



2. On RUT9x5_1 via **Services ->RS232/RS485 -> RS232** configure Over IP Server settings.
   Serial type: **Over IP**
   Mode: **Server**
   TCP port: **5000**
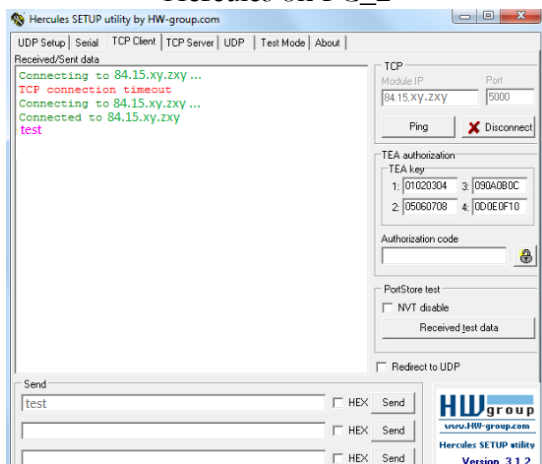   Timeout(s): **60**
   Everything else stays default.



3. On RUT9x5_2 via **Services ->RS232/RS485 -> RS232** configure Over IP Client settings.
   Serial type: **Over IP**
   Mode: **Client**
   Server Address: **84.15.xy.zxy (RUT955_1 public WAN IP address)**
   TCP port: **5000**
   Timeout(s): **60**
   Everything else stays default.

4. To check if connection is established on PC_1 run Hercules, Mode – Serial.
On PC_2 also run Hercules with TCP client mode (set Module IP: 84.15.xy.zxy – RUT955_1 WAN IP address. Set Port "5000", click "Connect"). Try to send test message, if you get it on Hercules on the other side – connection is established.

| Hercules on PC_2 | Hercules on PC_1 |
|---|---|