Windows OS device:

1. To execute the changes, you will have to obtain a session ID. To get a session ID enter the following code:

```
{
   "jsonrpc":"2.0", "id":1, "method":"call", "params":
   [
      "00000000000000000000000000000000", "session", "login",
      {
         "username":"admin", "password":"admin01"
      }
   ]
}
```

   - Highlighted in **blue** are your router's username and password;

If everything was done correctly, the response should look like this:


```
{
    "jsonrpc": "2.0",
    "id": 1,
    "result": [
        0,
        {
            "ubus_rpc_session": "fdab8d6efec0418d069424bdd55a870e",
            "timeout": 300,
            "expires": 299,
            "acls": {
                "access-group": {
                    "core": [
                        "read",
                        "write"
                    ],
```

2. To make any changes to the router, adjust the code below accordingly:

```
{
   "jsonrpc":"2.0", "id":1, "method":"call", "params":
   [
      "SESSION ID", "uci", "set",
      {
         "config":"simcard",
         "type":"sim",
         "match":
         {
            "pincode": "OLD PIN VALUE"
         },
         "values":
         {
            "pincode":"NEW PIN VALUE"
         }
      }
   ]
}
```

- Highlighted in **black** is your session ID;
- Highlighted in **orange** describe the config file's name and section;
- Highlighted in **red** is the option of the config section that you wish to change;
- Highlighted in **purple** is the value that will replace the old value

If everything was done correctly, you should see results like this:

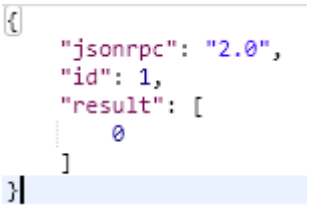
```
{
    "jsonrpc": "2.0",
    "id": 1,
    "result": [
        0
    ]
}
```

3. To apply changes, execute the JSON-RPC code below:

```
{
   "jsonrpc":"2.0", "id":1, "method":"call", "params":
   [
      "SESSION ID", "uci", "commit",
      {
         "config":"simcard"
      }
   ]
}
```

- Highlighted in **black** is your session ID;
- Highlighted in **orange** describe the config file's name and section;

The results should look like this:



More information about monitoring via JSON-RPC on Windows OS can be found below:
https://wiki.teltonika-networks.com/view/RUT955_Monitoring_via_JSON-RPC_windows

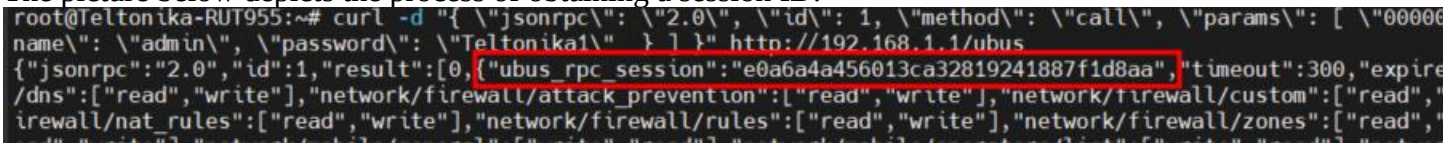
Linux OS devices:

1. To obtain the session ID, open the CLI and run the command below:

*curl -d "{ \"jsonrpc\": \"2.0\", \"id\": 1, \"method\": \"call\", \"params\": [\"00000000000000000000000000000000\", \"session\", \"login\", { \"username\": \"**admin**\", \"password\": \"**admin01**\" }] }"* ***http://192.168.1.1/ubus***

- Highlighted in **blue** are your router's username and password;
- Highlighted in **green** is your router's IP.

The picture below depicts the process of obtaining a session ID.

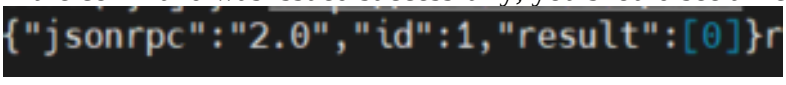


2. To set a new PIN value, execute the command below:

*curl -d "{\"jsonrpc\":\"2.0\", \"id\":1, \"method\":\"call\", \"params\":[\"**SESSION ID**\", \"uci\", \"set\", { \"config\":\"**simcard**\", \"type\":\"**sim**\", \"match\": {\"**pincode**\":\"**OLD PIN**\"}, \"values\": {\"**pincode**\":\"**NEW PIN**\"} }] }" http://192.168.1.1/ubus*

- Highlighted in **black** is your session ID;
- Highlighted in **orange** describe the config file's name and section;
- Highlighted in **red** is the option of the config section that you wish to change;
- Highlighted in **purple** is the value that will replace the old value
- Highlighted in **green** is your router's IP.

If the command was issued successfully, you should see a Response like this:



3. To save a new PIN value, execute the command below:

*curl -d "{\"jsonrpc\":\"2.0\", \"id\":1, \"method\":\"call\", \"params\":[\"**SESSION ID**\", \"uci\", \"commit\", {\"config\":\"**simcard**\"}] }" http://192.168.1.1/ubus*

- Highlighted in **black** is your session ID;
- Highlighted in **orange** describe the config file's name and section;
- Highlighted in **green** is your router's IP.

More details about monitoring via JSON-RPC on Linux OS device can be found below:
https://wiki.teltonika-networks.com/view/RUT955_Monitoring_via_JSON-RPC_linux