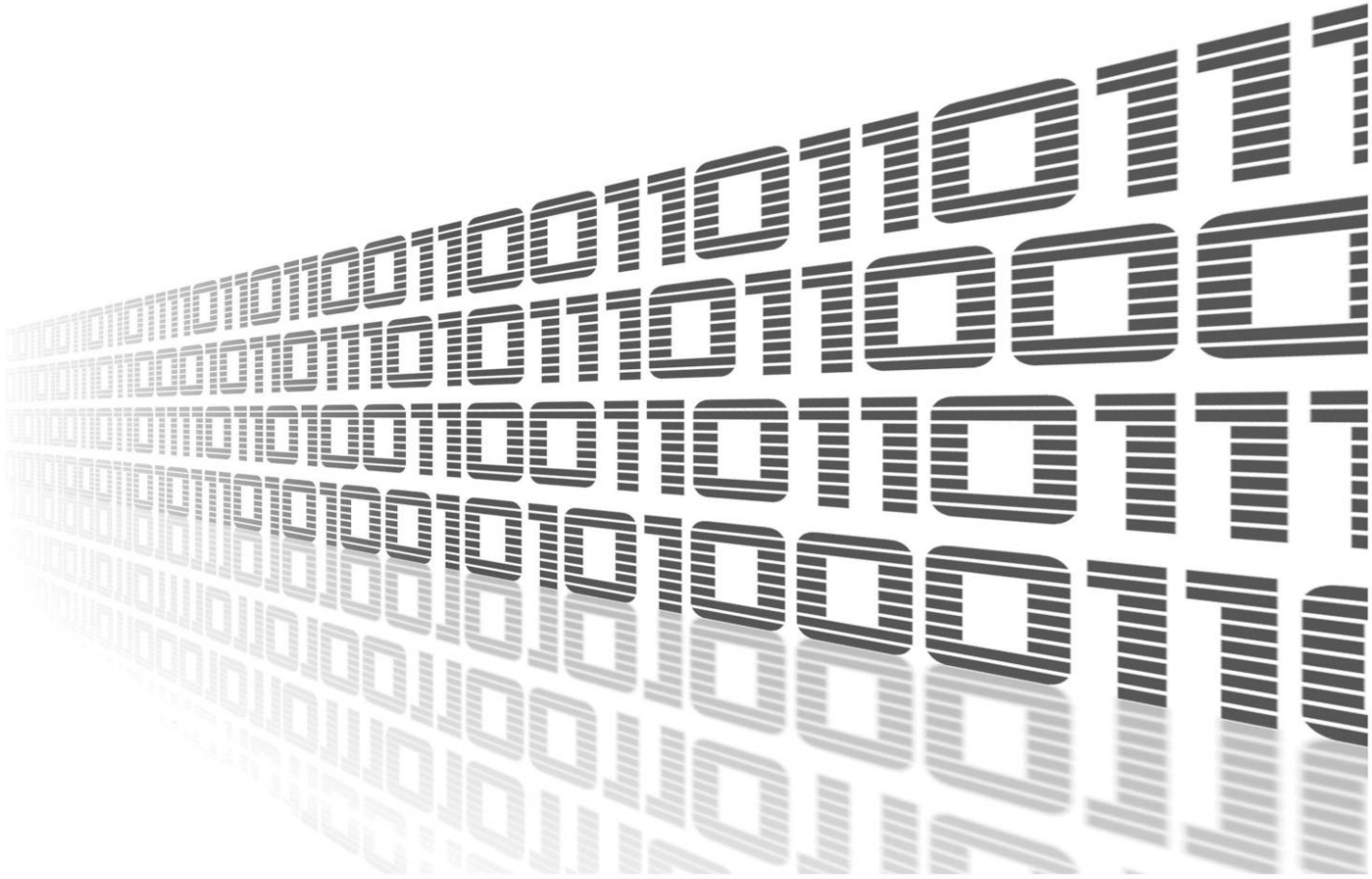
ADVANTECH

RouterApp

PPP Gateway



Advantech Czech s.r.o., Sokolska 71, 562 04 Usti nad Orlici, Czech Republic
Document No. APP-0050-EN, revision from 24th October, 2023.

Used symbols

Danger – Information regarding user safety or potential damage to the router.

Attention – Problems that can arise in specific situations.

Information – Useful tips or information of special interest.

Example – Example of function, command or script.

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1. Changelog

1.1 PPP Gateway Changelog

v1.0.0 (2014-01-16)

- First release

v1.0.1 (2015-11-30)

- Added new option - enable/disable deflate compression

v1.1.0 (2017-03-20)

- Recompiled with new SDK

2. Description of router app

Router app *PPP Gateway* is not contained in the standard router firmware. Uploading of this router app is described in the Configuration manual (see Chapter Related Documents).

The router app is not compatible with v4 router platform.

This module allows the router to establish connection via PPP (data link protocol commonly used in establishing a direct connection between two networking nodes) between router and device which is connected to the router over a serial line. For example, this way it is possible to provide Internet access for older devices which do not have this ability, but have the use of connection over a serial line.

For configuration *PPP Gateway* router app is available web interface, which is invoked by pressing the module name on the *Router apps* page of the router web interface. The left part of the web interface contains the menu with pages for *Configuration*, monitoring (*Status*) and *Customization* of the module. *Customization* block contains only the *Return* item, which switches this web interface to the interface of the router.

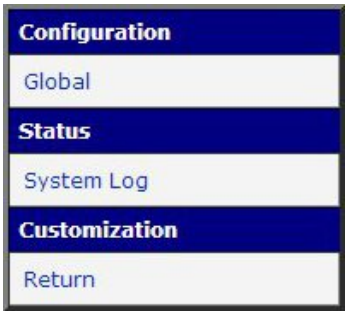

Figure 1: Menu of web interface

3. Configuration

Configuration of *PPP Gateway* router app is performed via the form on the *Global* page in the *Configuration* part of the module web interface. The first item in the configuration form – *Enable PPP Gateway* – is used to activate this router app. Meaning of other items is described below.

Item	Description
Expansion Port	Port to which the device is connected
Baudrate	Communication speed
Username	User name to log into the network
Password	Password to log into the network
Authentication	Authentication protocol: • PAP or CHAP – router chooses one of these two methods • PAP – it's used PAP authentication method • CHAP – it's used CHAP authentication method
Local IP	IP address of the local side
Remote IP	IP address of the remote side
Primary DNS	Primary DNS server
Secondary DNS	Secondary DNS server
Serving MS Windows clients	It should be ticked when the connected device uses the operating system MS Windows

Table 1: Description of items in the configuration form

In the bottom of the window can be activated connection check by ticking the *Check connection* check box. This check is intended to recognize throughput of a route. It is possible to set the time delay between outgoing requests (checks) in the *Interval* field.

Any changes must be confirmed by pressing *Apply* button.

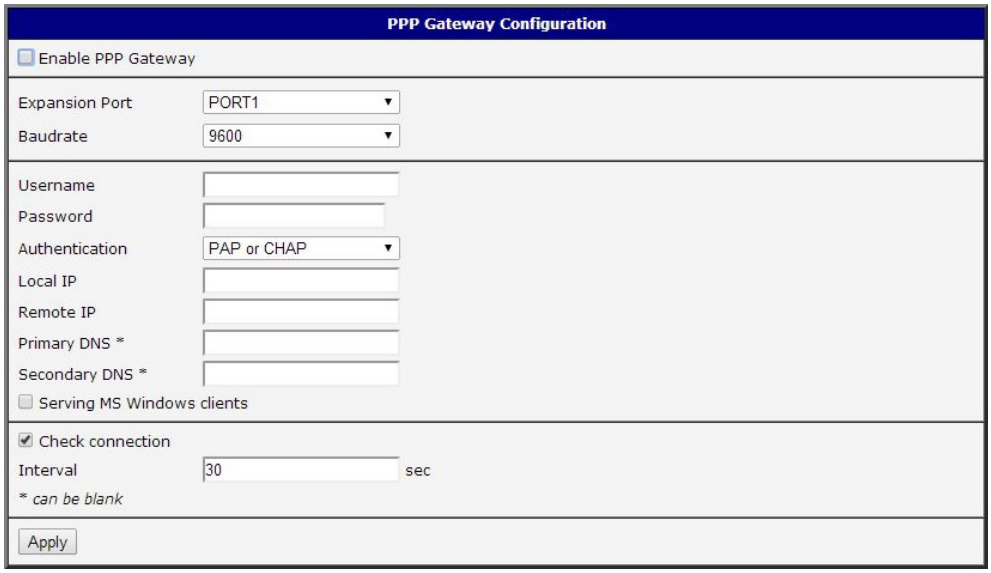

Figure 2: Configuration form

3.1 System log

In case of any problems it is possible to view the system log by pressing the *System Log* menu item. In the window are displayed detailed reports from individual applications running in the router including possible reports relating to the *PPP Gateway* module.

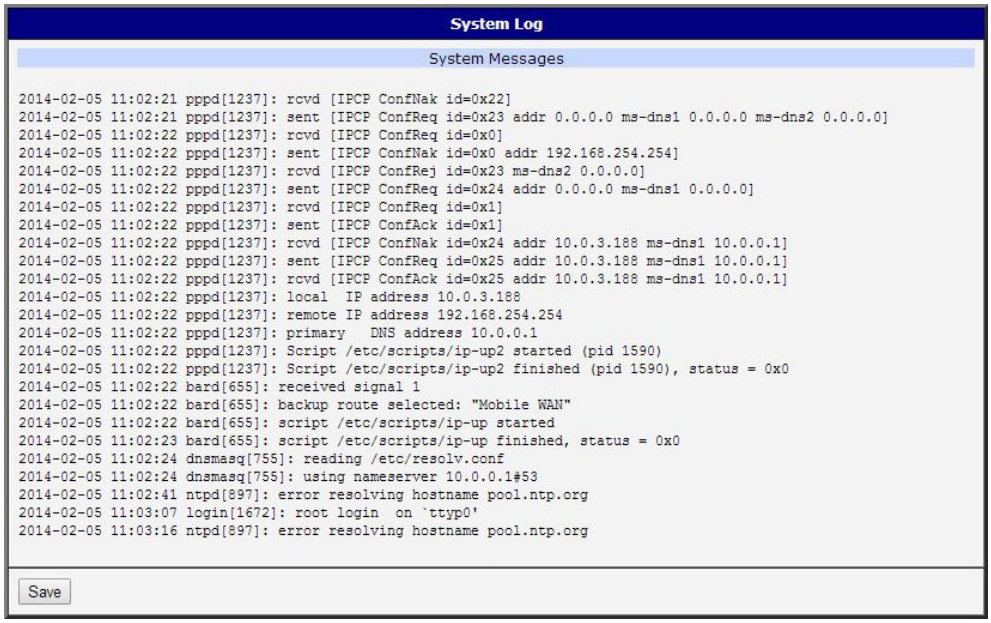

Figure 3: Systémový log

4. Related Documents

You can obtain product-related documents on *Engineering Portal* at *icr.advantech.cz* address.

To get your router's *Quick Start Guide*, *User Manual*, *Configuration Manual*, or *Firmware* go to the *Router Models* page, find the required model, and switch to the *Manuals* or *Firmware* tab, respectively.

The *Router Apps* installation packages and manuals are available on the *Router Apps* page.

For the *Development Documents*, go to the *DevZone* page.