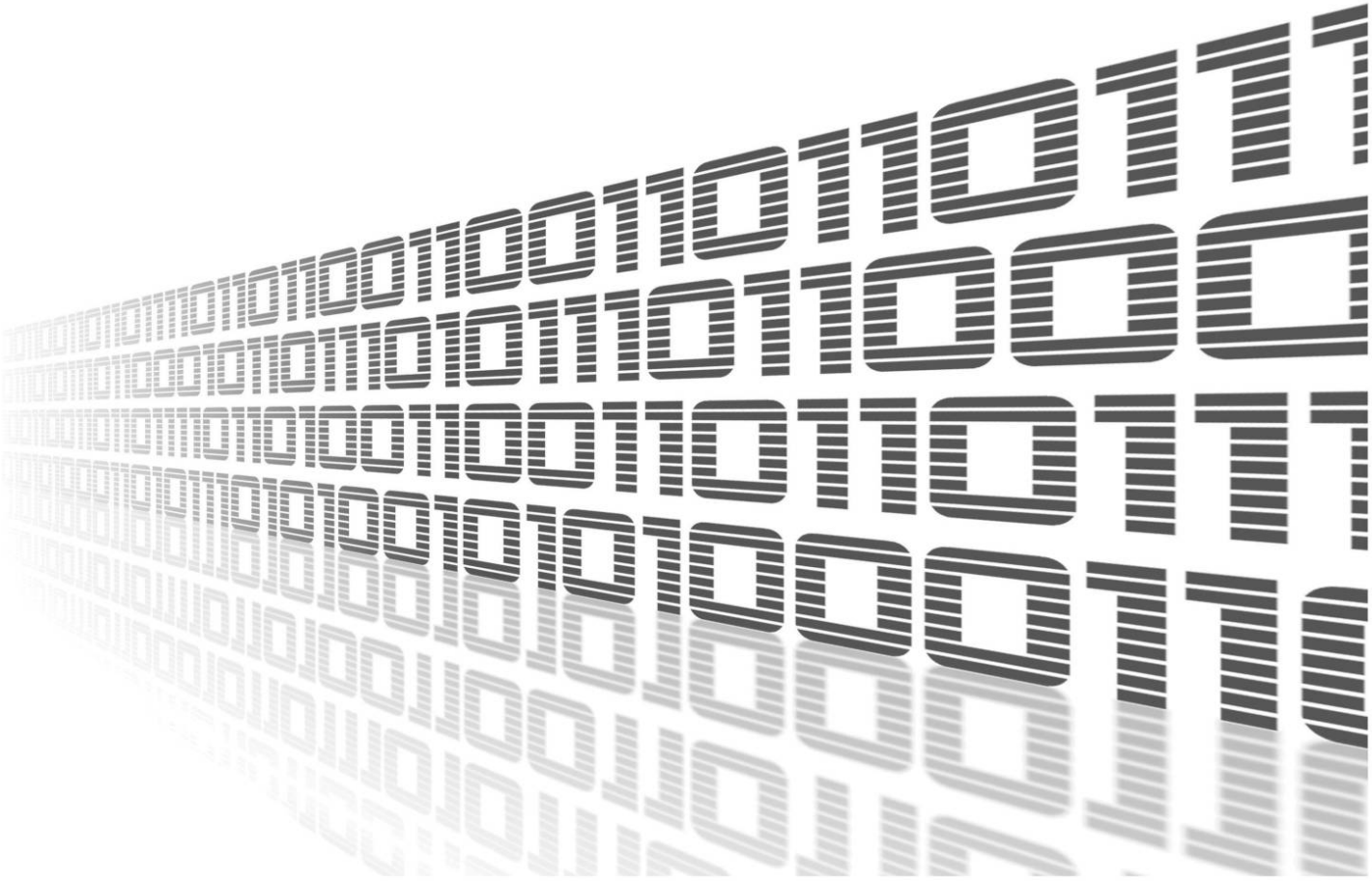
ADVANTECH

RouterApp

WoL Gateway



Advantech Czech s.r.o., Sokolska 71, 562 04 Usti nad Orlici, Czech Republic
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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 WoL Gateway Changelog

v1.0.0 (2012-09-27)

- First release.

v1.0.1 (2013-02-18)

- Fixed issue with starting DHCP server.

v1.0.2 (2014-01-03)

- Added support of FW 4.0.0+.

v1.1.0 (2017-03-16)

- Recompiled with new SDK.

v1.1.1 (2018-09-27)

- Added expected ranges of values to JavaSript error messages.

2. Description of router app

Router app 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 v4 router platform compatible.

This module allows router to listen to communication on the specified UDP port, receive packets from a predetermined source (*Source IP*) and forward these packets to appropriate address (*Destination IP*) as a broadcast. The module also puts the final touches to DHCP server configuration.

For configuration *WoL 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 (ie. menu) contains only the *Return* item, which switches this web interface to the interface of the router.

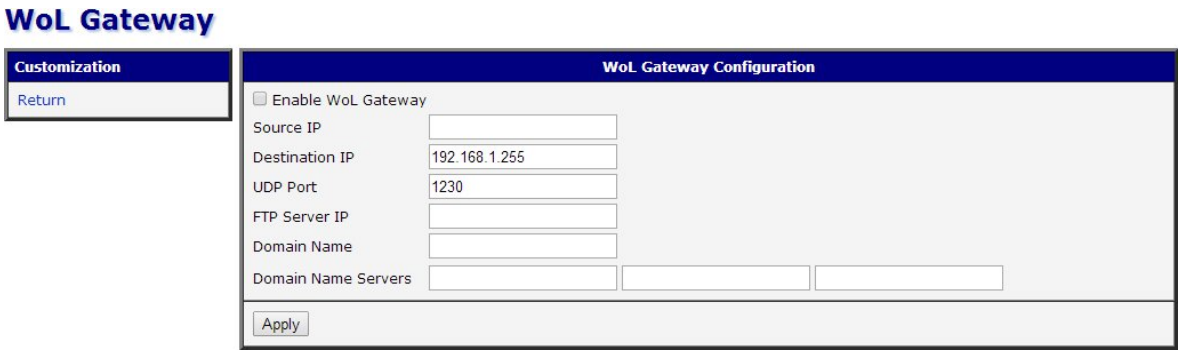

Figure 1: Web interface

3. Configuration of router app

The actual configuration of this router app is performed via the form on the right side. The first item in this form – *Enable WoL Gateway* – is used to activate these router app. Meaning of other items is described in the table below:

Item	Description
Source IP	Source IP address (packets are received from this address)
Destination IP	Destination IP address (packets are forwarded to this address)
UDP Port	UDP port used for communication
FTP Server IP	IP address of an FTP server (corresponds to DHCP parameter 161)
Domain Name	Domain Name
Domain Name Servers	Specifies up to three DNS servers

Table 1: Description of items in web interface

All changes will take effect after pressing the *Apply* button.

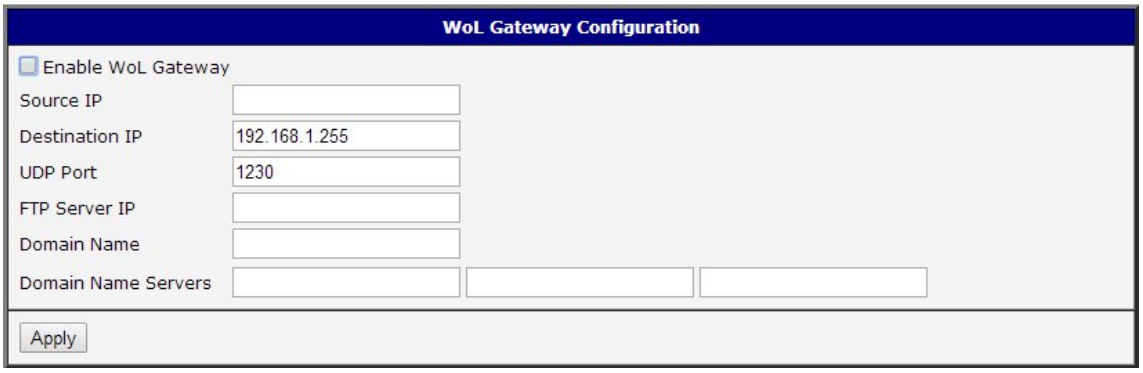

Figure 2: Configuration form

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.