



ADVANTECH WoL Gateway Router App User Guide

[Home](#) » [Advantech](#) » ADVANTECH WoL Gateway Router App User Guide 



Contents

- [1 WoL Gateway Router App](#)
- [2 Changelog](#)
- [3 Description of router app](#)
- [4 Configuration of router app](#)
- [5 Related Documents](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)
- [7 Related Posts](#)

WoL Gateway Router App

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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.

Changelog

1.1WoL 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 JavaScript error messages.

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 ChapterRelated 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.

WoL Gateway

Customization

[Return](#)

WoL Gateway Configuration

☐ Enable WoL Gateway

Source IP

Destination IP

UDP Port

FTP Server IP

Domain Name

Domain Name Servers

Figure 1: Web interface

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.

WoL Gateway Configuration

☐ Enable WoL Gateway

Source IP

Destination IP

UDP Port

FTP Server IP

Domain Name


Domain Name Servers

Figure 2: Configuration form

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.

Documents / Resources

	<p>ADVANTECH WoL Gateway Router App [pdf] User Guide WoL Gateway Router App, Gateway Router App, Router App, App</p>
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References

- [A Advantech 4G, 5G Cellular Routers & Gateways for IoT applications - Engineering Portal](#)
- [A Advantech 4G, 5G Cellular Routers & Gateways for IoT applications - Engineering Portal](#)
- [A DevZone - Cellular Routers Engineering Portal](#)
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